

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

IDC 01 00:05:07.2,0.9,29.05S:61.21E, h0km, mb3.8/7, mbmp3.8/8, ML3.7/1, MS3.3/3, Error ellipse: s-maj=34.7km s-min=24.4km az=33.0

NEIC 01 00:05:09.4,1.1,28.95S:010.61,20E:0.10, h10km, 1km, mb4.6/20, Error ellipse: s-maj=19.6km s-min=9.1km az=218.0

ISC 01 00:05:09.1,0.5,28.99S:009.61,2E:0.1, h10km, n45, r1504/35, mb4.3/15, MS3.3/3, Southwest Indian Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Riviere de l'E, Nahampoana Res, Vohitsoka, Ambohitratompo, etc.

CNRM 01 00:13:21.5, 36.99N, 2.48W, h0km, ml2.2 MDD 01 00:13:24.1, 0.3, 37.02N, 2.47W, h12km, mb_Lg2.8/2.0, Error ellipse: s-maj=2.8km s-min=1.7km az=148.0

SFS 01 00:13:24.0, 37.02N, 2.50W, ML2.8, ALHABIA (ALMERIA) INMG 01 00:13:25.3, 1.9, 37.08N, 2.44W, h14km, 4km, ML2.4, Error ellipse: s-maj=3.9km s-min=2.5km az=157.0

ISC 01 00:13:22.4, 1.0, 37.04N, 0.02, 2.52W, 0.02, h11km, 9km, n55, r1711/14, 2C-1D, Spain

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ENIJ, EBER, EQU, Quesada, Lorca, Murcia, Los Guajares, etc.

AFON Font Roja 2.25 43 Pn Pn 00 14 01.3 +1.5 ECAB Ei Cabril 2.53 295 Pn Pn 00 14 05.1 +1.6

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Smir Dam, Chera, Sonseca Array, Mina Concepcio, etc.

MSVF comp=Z.8, 5nm, 21.2s, baz=144, slow=39 Nonsavu 91.71 223 LR LR 01 04 48.1

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Santiao Chiao, Toucheng, National Taiwa, etc.

1d 0h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TWT, TDCB, LIOB, SBCB, NSTT, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TWK, TWGT, TWG, SNST, WSL, CHN1, ICHU, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BBOO, WR0, WBO, AS31, ASAR, etc.

1d 0h

Table listing seismic stations from M31M to SOKA. Columns include station name, coordinates, magnitude, and time. Includes sub-sections for '1d 0h' and '1d 0h'.

Table listing seismic stations from WATA to TORO. Columns include station name, coordinates, magnitude, and time.

Station information for IDC 01 00:31:03.8:2.5, 21.24N:94.10E, h0km, mb3.9/2, mblmp3.8/3, ML3.5/1, Error ellipse: s-maj=62.1km s-min=26.4km az=49.0

Table listing seismic stations from AZL to ZALV. Columns include station name, coordinates, magnitude, and time. Includes sub-sections for '1d 0h' and '1d 0h'.

Station information for IDC 01 00:35:03.1:1.2, 0.85S:137.32E, h0km, mb3.8/6, mblmp3.9/7, ML4.1/1, MS3.1/1, Error ellipse: s-maj=63.2km s-min=20.1km az=81.0

Table listing seismic stations from FAKI to ELBA. Columns include station name, coordinates, magnitude, and time. Includes sub-sections for '1d 0h' and '1d 0h'.

Table listing seismic stations from ZALV to ILAR. Columns include station name, coordinates, magnitude, and time.

Station information for IDC 01 00:35:05.2:5.3, 35.84N:26.73E, h0km, mb3.5/2, mblmp3.5/3, ML3.4/1, MS2.5/1, Error ellipse: s-maj=155.1km s-min=24.3km az=160.0

Table listing seismic stations from GPNR to ELBA. Columns include station name, coordinates, magnitude, and time. Includes sub-sections for '1d 0h' and '1d 0h'.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ULDT Uludag, ENSK Esenkly, DIM Dimitrovgrad, etc.

IDC 01 00:45:06.8-5.2, 33.93N, 137.54E, h286km, 193km, mb29.2, mbtmp3.4/3, Error ellipse: s-maj=260.9km...

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs.

NIED 01 00:45:58.7-0.38, 58N-142.36E, h38km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm...

JMA 01 00:45:58.7-0.1, 38.6N-0.2, 142.4E-0.6, h38km, 1km, MD4.0/0, MV4.1/0, E OFF MIYAGI PREF...

IDC 01 00:46:03.4-3.0, 38.48N-142.29E, h86km, 30km, mb3.2/6, mbtmp3.7/10, MS2.5/1, Error ellipse: s-maj=26.2km...

ISC 01 00:45:58.2-1.8, 38.58N-0.05, 142.38E-0.08, h29km, 12km, n35, r164/33, mb3.5/6, 12D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JKMT Kesennunamotoy, OFUJ Ofunato, JIO Ouri, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ILAR Eielson Array, WRA Warramunga Arr, etc.

IDC 01 01:08:42.5-0.9, 60.65N-147.47W, h0km, mb3.8/9, mbtmp3.8/13, ML3.6/4, MS3.2/6, Error ellipse: s-maj=15.6km...

ANF 01 01:08:47.9-0.2, 60.78N-147.21W, h21km, 2km, ML4.1/78, Error ellipse: s-maj=1.7km...

NEIC 01 01:08:48.5-2.3, 60.84N-0.02, 147.12W-0.06, h30km, 3km, Error ellipse: s-maj=4.1km...

AEIC 01 01:08:49.2-1.6, 60.80N-0.01, 147.14W-0.06, h18km, 3km, ML3.6, ML3.8/18(NEIC), Error ellipse: s-maj=4.3km...

ISC 01 01:08:47.8-0.8, 60.79N-0.02, 147.15W-0.02, h29km, 5km, n35, r150/323, mb3.8/9, MS3.2/6, Southern Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GLI Glacier Island, GLO Glacier Island, GLI Glacier Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SLKM Skilak Lake, NCHA Nichawak Mount, M22K Willow, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like CMAR Chiang Mai Arr, LBTB Lobate, ZAAO Zalesovo Array, ZALV Zalesovo Beam, TORD Torodi Ar, Beas, FINES FINESS Array B, ESDC Sonseca Array, SONMI Songino Array, ARCES ARCESS Array B, MA2 Magadan, WRA Warramunga Arr, ASAR Alice Springs.

KRNET 01:01:38:37.5:0.1,39.43N:73.71E,mb3.6
SOME 01:01:38:46.8,39.77N:73.57E,h5km
NIC 01:01:38:49.4:1.9,39.96N:73.54E,h9km,10km,mb3.6,
mpv3.3, Error ellipse: s-maj=14.8km s-min=7.9km
az=175.0
ISC 01:01:38:39.7:1.4,39.53N:0.05:73.59E:0.03,h3km,11km,
n50,of190/73,11C-12D,Tajikistan-Xinjiang border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like OHH Osh, DRK Karamyk, GAR Garm, TRKS Terek-Say, UCH Uchtor, EKS2 Erkin-Say, MRKS Merke, MRKS Merke, MRKS Merke, KBK Karagaybulak, CHGR Chuyangaron, TKM2 Tokmak 2, IUG Iuzhny, KST KasteK, SGDS Sogindy, DGS Degeres, DGS Degeres, MTBS Maitube, MTBS Maitube, KK31 Karatay Array, KK31 Karatay Array, TTNS Tian-Shan, TTNS Tian-Shan, BRLS Borolday, BRLS Borolday, KOTS Kotrybulak, KOTS Kotrybulak, KOTS Kotrybulak.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like KTBS Karatobe, KTBS Karatobe, KUU Kury, KUU Kury, CHKK Chushkaly, CHKK Chushkaly, SATY Saty, SATY Saty, KURS Kuram, KURS Kuram, KURS Kuram, UZB Uzynbulak, UZB Uzynbulak, KPKS Kokpek, KPKS Kokpek, BTLS Baital, BTLS Baital, ARXS Arharly, ARXS Arharly, ARXS Arharly, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, PDGK Podgomoye, PDGK Podgomoye, AB31 Akbulak array.

IDC 01:01:43:18.0:1.6,3:39S:140.19E,h0km,mb3.7/3,
mtbmp3.9/5,ML4.2/2,MS3.2/5, Error ellipse: s-maj=64.5km
s-min=26.6km az=92.0
NEIC 01:01:43:24.4:1.0,3:75S:0.1:139.8E:0.2,h34km,8km,
mb4.0/5, Error ellipse: s-maj=25.1km s-min=14.1km
az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like FAKI Fak Fak, SJIJ Sorong, PMG Port Moresby, COEN Coen, MTN Manton Dam, KNRA Kununurra, WBO Warramunga Arr, WBO Warramunga Arr, WRO Warramunga Arr, WRO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, CTA Chertow Tower, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, KRSR Korea Array, SHEM Shemaya Is, Ala, MKAR Makanchi Array, ILAR Eileislori, ILAR Eileislori.

JMA 01:01:52:54.9:0.1,24.1N:121.78E,h16km,3km,MV2.7/8,
TAIWAN REGION
TAP 01:01:52:54.6,24.26N:121.78E,h7km,ML3.5,C
ISC 01:01:52:54.4:0.8,24.24N:0.01:121.78E:0.02,h8km,6km,
n112,of88/191,18C-11D,Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like EHP Heping Village, EHP Heping Village, ETL Fush Village, ETL Fush Village, NACB Ninganchiao, NACB Ninganchiao, ENA Nanau, ENA Nanau.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like ENA baz=352, EWUT Wuta, EWUT Wuta, TWD Chiawan, TWD Chiawan, ETLH Xiulin Townshi, ETLH Xiulin Townshi, HWA Hwaiien, HWA Hwaiien, HWA Suao, HWA Suao, TWC Suao, TWC Suao, LATG Datong, LATG Datong, NDS Dongshan, NDS Dongshan, NDS Suao, NNSB Datong, NNSB Datong, NNS Nan Shan, NNS Nan Shan, WHF Hehuan Shan, WHF Hehuan Shan, TWE Neicheng, TWE Neicheng, FUSS Fushou, FUSS Fushou, ILA Ilan, ILA Ilan, ESL Shilin, ESL Shilin, FUSB Fushan zhiwuyua, FUSB Fushan zhiwuyua, TWT Tachien, TWT Tachien, YHNB Yeheng, YHNB Yeheng, TDCB Techu, TDCB Techu, NSK Sanguang, NSK Sanguang, CHGB Renai, CHGB Renai, NTC Toucheng, NTC Toucheng, EGS baz=23, EGS baz=23, OWD Renai, OWD Renai, OWD Renai, EGFH Guanguo, EGFH Guanguo, WUSB Renai, WUSB Renai, NFF Wufeng Townshi, NFF Wufeng Townshi, TIPB Shuangxi, TIPB Shuangxi, TIPB Shuangxi, NHDH Xindian Distri, NHDH Xindian Distri, TWA Mucha, TWA Mucha, WVDW WVDW, WVDW WVDW, WHP Taichung City, WHP Taichung City, TWB1 Santiao Chiao, TWB1 Santiao Chiao, TWB1 Santiao Chiao, LIQB baz=15, LIQB baz=15, LIQB baz=15, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, HGSD Ruisui, HGSD Ruisui, WCS Beigang Elemen, WCS Beigang Elemen, WCS Beigang Elemen, NWF Wu-fen Shan, NWF Wu-fen Shan, NWF Wu-fen Shan, TAP Taipei, TAP Taipei, EHY Hungye, EHY Hungye, SXII Grass Mountain, SXII Grass Mountain, SXII Grass Mountain, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SSSLB Suanglung, SSSLB Suanglung, SSSLB Suanglung, NCUH Zheqi, NCUH Zheqi, NCUH Zheqi.

1d 1h

Table with columns: Station Name, Time, Magnitude, Quality, Location, and other parameters. Includes stations like National Cent, Yuchr, Hsinchu, Kuangyinshan, etc.

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Table with columns: Station Name, Time, Magnitude, Quality, Location, and other parameters. Includes stations like Ishigaki jima, Dungji, Shizhi, etc.

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Table with columns: Station Name, Time, Magnitude, Quality, Location, and other parameters. Includes stations like Ende, Flores, HHC, HHC, etc.

BPAW	comp=Z,5.9nm,1.4s	61.63	27	P	P	02 03 23.4 +0.7
BPAW	comp=Z,2.8nm,0.7s	61.99	26	P	I	02 03 26.0 +0.9
MLY	61.99	26	P	P	02 03 26.0 +0.9	
SML	62.26	29	I	Amb	I	02 03 43.6
TOLK	63.45	22	I	Amb	I	02 03 49.5
IL31	63.52	26	P	P	02 03 35.8 +0.8	
ILAR	63.52	26	P	P	02 03 35.3 +0.2	
ILAR	comp=Z,2.0nm,0.8s,baz=259,slow=5.8,SNR=4.5					02 04 26.0 -1.4
PAX	63.79	28	I	Amb	I	02 03 52.8
PKVZ	64.27	155	P	P	02 03 49.3 +8.9	
QRZ	64.52	156	P	P	02 03 42.0 +0.1	
DOT	64.53	28	I	Amb	I	02 03 55.0
SCRK	64.62	27	P	P	02 03 43.4 +1.0	
DUIWZ	65.01	157	P	P	02 03 44.5 -0.6	
NINZ	65.17	157	P	P	02 03 45.3 -0.8	
KIW	65.44	156	P	P	02 03 47.1 -0.7	
THZ	65.48	158	P	P	02 03 47.8 -0.3	
TCW	65.50	156	P	P	02 03 47.1 -1.0	
OGWZ	65.50	156	P	P	02 03 47.3 -0.8	
HOWZ	65.71	155	P	P	02 03 49.9 +0.4	
MTW	65.83	156	P	P	02 03 50.3 -0.6	
LTZ	66.15	159	P	P	02 03 51.1 -1.2	
PLWZ	66.18	156	P	P	02 03 51.4 -1.1	
KHZ	66.28	158	P	P	02 03 51.0 -2.1	
KK31	66.50	310	I	Amb	I	02 03 54.8 +0.1
KK31	66.50	310	I	Amb	I	02 03 56.1
KKAR	66.50	310	P	P	02 03 54.7 0.0	
INK	69.24	23	I	Amb	I	02 04 11.8 +0.6
INK	69.24	23	I	Amb	I	02 04 15.9
ARU	72.79	324	P	P	02 04 32.2 -0.6	
ARU	72.79	324	P	P	02 04 33.9	
ABKAR	73.07	317	P	P	02 04 33.8 -0.8	
ABKAR	73.07	317	P	P	02 04 34.9	
HRA	74.17	301	P	P	02 04 42.2 +0.6	
YKA	77.87	28	P	P	02 05 00.9 -0.7	
PINE	79.63	47	P	P	02 05 13.0 +1.2	
PINE	79.63	47	P	P	02 05 15.1	
CMB	81.70	53	P	P	02 05 23.9 +1.2	
CMB	81.70	53	P	P	02 05 24.9	
PNTR	81.97	52	P	P	02 05 24.8 +0.5	
PNTR	81.97	52	P	P	02 05 36.0	
ARCES	82.24	342	I	Amb	I	02 05 24.1 -0.7
ARCES	82.24	342	I	Amb	I	02 06 17.1 -1.1
ARCES	82.24	342	I	Amb	I	02 05 40.6
NVAR	83.14	52	P	P	02 05 31.8 +1.4	
NVAR	83.14	52	P	P	02 06 23.6 -1.6	
ELK	84.73	49	P	P	02 05 38.2 +0.5	
ELK	84.73	49	P	P	02 05 44.8	
FINES	86.62	335	P	P	02 05 44.8 -2.1	
FINES	86.62	335	P	P	02 06 41.8 -0.2	
FFC	87.79	32	P	P	02 05 49.2 +0.3	
FFC	87.79	32	P	P	02 05 50.5	
PDAR	87.79	45	P	P	02 05 52.9 -0.4	
PDAR	87.79	45	P	P	02 05 52.9 -0.4	
FCC	88.54	27	P	P	02 05 57.0 +0.9	
FCC	88.54	27	P	P	02 06 00.2	
SUMG	88.70	1	P	P	02 05 56.9 -0.2	
SUMG	88.70	1	P	P	02 06 05.0	
CASY	88.91	193	P	P	02 05 57.2 -0.2	
CASY	88.91	193	P	P	02 05 58.3	
MARD	89.86	310	P	P	02 06 02.6 -0.3	
MARD	89.86	310	P	P	02 06 03.0	
AKASG	91.03	325	P	P	02 06 07.0 -0.9	
AKASG	91.03	325	P	P	02 06 07.0 -0.9	
NOA	92.31	340	P	P	02 06 12.5 -1.2	
NOA	92.31	340	P	P	02 06 12.5 -1.2	
BRTR	93.84	314	P	P	02 06 19.6 -1.7	
BRTR	93.84	314	P	P	02 06 19.6 -1.7	
BURAR	94.93	324	P	P	02 06 24.5 -1.5	
BURAR	94.93	324	P	P	02 22 26.6 -1.9	
ESDC	115.12	334	PKP	PKP	02 12 12.7	
TORD	129.19	309	PKP	PKP	02 12 12.7	
TORD	129.19	309	PKP	PKP	02 12 16.7 -0.4	
TORD	129.19	309	PKP	PKP	02 15 19.0 -4.5	
TORD	129.19	309	PKP	PKP	02 12 13.9 -3.3	
BL02	143.40	125	PKP	PKP	02 12 34.4 +0.6	
MU21	144.06	123	PKP	PKP	02 12 36.9 0.0	
BOM4	144.54	122	PKP	PKP	02 12 38.5 0.0	
CO02	144.88	118	PKP	PKP	02 12 38.9 -0.8	
VA03	144.91	120	PKP	PKP	02 12 39.7 -1.0	
LCO	145.53	114	PKP	PKP	02 12 40.6 -0.8	
PB12	146.09	95	PKP	PKP	02 12 41.7 -0.6	
ZON	146.74	119	PKP	PKP	02 12 43.8 +0.8	
PB16	146.83	95	PKP	PKP	02 12 45.8 -0.8	
GO01	147.85	97	PKP	PKP	02 12 44.5 -0.3	
LPAZ	147.84	91	PKP	PKP	02 12 49.2 0.0	
LPAZ	147.84	91	PKP	PKP	02 12 48.1 -1.1	

SOME 01 02:08:22.4, 39°53'N, 73°60'E, h5km
 KRNE 01 02:08:22.8, 1.39°49'N, 73°51'E, mb3.6
 NNC 01 02:08:25.0, 0.9, 39°65'N, 73°62'E, h0km, mb3.8, mpv3.4,
 Error ellipse: s-maj=7.1km s-min=3.7km az=176.0
 ISC 01 02:08:21.1-1.5, 39.59'N, 0.05°73.61'E, h2km, 13km,
 n57, c1570/88, 17C-9D, Tajikistan-Xinjiang border region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	
OHH	Osh	1.13	326f	eP	Sg	02 08 45.2 +2.4
OHH	baz=32					
DRK	kaz=32					
DRK	Karamyk	1.40	266f	eP	Pb	02 08 47.9 -0.4
DRK	baz=70					
ARLS	Aral	2.34	13j	eP	Pg	02 09 05.8 -0.1
ARLS	baz=14					
GAR	Garm	2.62	258f	eP	Pb	02 09 07.1 -1.8
GAR	baz=60					
GAR	baz=60					
TRKS	Terek-Say	2.70	317f	eP	Pb	02 09 08.8 -1.6
TRKS	baz=19					
TRKS	baz=19					
UCH	Uchter	2.73	14f	eP	Pb	02 09 11.3 +0.4
UCH	baz=15					
UCH	baz=15					

EKS2	Erkin-Say	3.08	2j	eP	Pb	02 09 16.0 -0.7
EKS2	baz=4.0					
EKS2	Ues					
MRKS	Merke	3.17	355	eP	Pg	02 09 22.1 +0.2
MRKS	6.7nm,0.1s					
MRKS	36nm,0.1s					
MRKS	Merke	3.17	355	Pg	Pg	02 09 22.1 +0.2
MRKS	6.7nm,0.5s					
MRKS	Lg					
MRKS	36nm,0.4s					
KBK	Karagaybulak	3.23	18f	eP	Pb	02 09 18.3 -1.0
KBK	baz=18					
KBK	Ues					
KBK	Sb					
CHMS	Chumysh	3.52	14	f	Pn	02 09 21.9 -2.3
CHMS	3.3nm,0.3s					
CHMS	Lg					
CHGR	Chuyangaron	3.58	256f	eP	Pn	02 09 20.0 +2.1
CHGR	baz=58					
CHGR	Ues					
TKM2	Tokmak 2	3.65	24	f	Pn	02 09 23.7 -2.9
TKM2	2.8nm,0.4s					
TKM2	Lg					
IUG	Iuzhny	3.73	314	eP	Pg	02 09 31.6 -1.0
IUG	15nm,0.6s					
IUG	94nm,0.1s					
IUG	eS					
IUG	28nm,0.1s					
IUG	Iuzhny	3.73	314	Pg	Pg	02 09 31.6 -1.0
IUG	428nm,0.4s					
IUG	Lg					
IUG	28nm,0.5s					
KST	Kastek	3.88	26	eP	Sg	02 09 35.4 -0.1
KST	3.7nm,0.2s					
KST	eS					
KST	32nm,0.2s					
KST	Kastek	3.88	26	Pg	Pg	02 09 35.4 -0.1
KST	3.7nm,0.6s					
KST	Lg					
SGDS	Sogindy	3.94	11	eP	Sg	02 09 35.9 -0.7
SGDS	1.9nm,0.6s					
SGDS	10nm,0.3s					
SGDS	Sogindy	3.94	11	Pg	Pg	02 09 35.9 -0.7
SGDS	7.3nm,0.5s					
DGS	Degeres	4.00	23	eP	Pg	02 09 38.2 +0.5
DGS	7.1nm,0.2s					
DGS	23nm,0.7s					
DGS	Degeres	4.00	23	Pg	Pg	02 09 38.2 +0.5
DGS	6.7nm,0.4s					
DGS	Lg					
IZV	Izvestkoviy	4.12	32	eP	Pg	02 09 40.5 +0.4
IZV	4.3nm,0.1s					
IZV	31nm,0.4s					
IZV	Izvestkoviy	4.12	32	Pg	Pg	02 09 40.6 +0.4
IZV	7.8nm,0.8s					
IZV	Lg					
MTBS	Matibue	4.13	30	eP	Pg	02 09 40.2 0.0
MTBS	6.2nm,0.1s					
MTBS	12nm,0.1s					
MTBS	Matibue	4.13	30	Pg	Pg	02 09 40.2 0.0
MTBS	6.3nm,0.6s					
MTBS	Lg					
KK31	Karatai Array	4.22	327	f	Pn	02 09 31.0 -5.0
KK31	1.8nm,0.6s					
KK31	8.5nm,0.3s,baz=134,slow=11,SNR=42					
KK31	2.0nm,0.3s,baz=118,slow=16,SNR=4.1					
KK31	1.9nm,0.4s,baz=149,slow=24,SNR=4.2					
KK31	Lg					
TNSS	Tian-Shan	4.27	35	eP	Pg	02 09 42.6 -0.3
TNSS	4.6nm,2.6s					
TNSS	5.5nm,0.5s					
TNSS	eS					
TNSS	6.5nm,0.3s					
TNSS	Tian-Shan	4.27	35	Pg	Pg	02 09 42.6 -0.3
TNSS	10nm,0.7s					
TNSS	Lg					
BRLS	Borolday	4.46	322	eP	Pb	02 09 42.6 +2.3
BRLS	7.5nm,1.1s					
BRLS	1.8nm,0.4s					
BRLS	eS					
BRLS	7.5nm,0.4s					
BRLS	Borolday	4.46	322	Pg	Pb	02 09 42.6 +2.3
BRLS	5.6nm,0.7s					
BRLS	Lg					
KOTS	Kotrybulak	4.50	35	eP	Sg	02 09 47.3 0.0
KOTS	7.6nm,0.5s					
KOTS	3.2nm,0.3s					
KOTS	eS					
KOTS	59nm,0.5s					
KOTS	Kotrybulak	4.50	35	Pg	Pg	02 09 47.3 0.0
KOTS	6.1nm,0.7s					
KOTS	Lg					
KTBS	Karatobe	4.72	28	eP	Pg	02 09 50.6 -1.0
KTBS	59nm,0.9s					
KTBS	2.4nm,0.6s					
KTBS	eS					
KTBS	20nm,0.2s					
KTBS	Karatobe	4.72	28	Pg	Pg	02 09 50.6 -1.0
KTBS	5.0nm,0.8s					
KTBS	Lg					
KUU	Kurdy	4.76	24	eP	Sg	02 09 51.0 -1.4
KUU	2.2nm,0.2s					
KUU	23nm,0.2s					
KUU	Kurdy	4.76	24	Pg	Pg	02 09 51.0 -1.4
KUU	2.2nm,0.4s					
KUU	Lg					
CHHK	Chushkaly	4.96	30	eP	Pg	02 09 54.2 -1.9
CHHK	1.5nm,0.2s					
CHHK	10nm,0.8s					
CHHK	Chushkaly	4.96	30	Pg	Pg	02 09 54.2 -1.9
CHHK	1.5nm,0.2s					
CHHK	Lg					
SATY	Saty	5.01	45	eP	Pg	02 09 55.7 -1.4
SATY	5.9nm,0.1s					
SATY	10nm,0.1s					
SATY	Saty	5.01	45	Pg	P	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PALE, CHAS, PEAN, LOS GUAJARES, BERJA, TAFORALT, etc.

SOME 01 03:02:18.7,39:30N:73:57E,h5km
NMC 01 03:02:19.4,2.8,39:32N:73:60E,h0km,mb3.5,mpv3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHH, DRK, TRKS, GAR, UCH, MRKS, IUG, KST, DGS, KK31, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, BRLS, TNSS, KTBS, KU, ARXS, etc.

IDC 01 03:14:18.1+4.0,24:96S:139:83E,h0km,mbtmp2.8/3,ML2.7/3,Error ellipse: s-maj=61.9km s-min=24.2km

AUST 01 03:14:22.5-0.9,25:36S:139:32E,h10km,Error ellipse: s-maj=12.2km s-min=9.0km az=80.0

ISC 01 03:14:21.3-0.9,25:35S:0.06x139:30E,0.05,h10km,n14,1579/23,Queensland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like INKA, OOD, QLP, QIS, LCRK, ASAR, STKA, WRA, BBOO, CMSA, etc.

MAN 01 03:26:53,18:06N:120:41E,h26km,Ms3.4
IDC 01 03:26:59.1,3.7,18:01N:120:45E,h120km,34km,mb3.4/9,mbtmp3.9/10,MS2.0/3,Error ellipse: s-maj=50.7km

ISC 01 03:26:54.7,1.2,18:15N:0:07:120:47E:0.10,h74km,13km,n22,1919/27,mb3.8/8,7C-2D,Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APYP, SAMP, SGCP, SMPF, SCZP, PCPH, JCNP, LUBP, DAV, KSR, CMAR, SONM, WRA, MKAR, MKAR, ASAR, ZALV, STKA, HFS, NB2, NOA, etc.

comp=Z,0.9nm,0.8s,baz=66,slow=4.9,SNR=3.8
comp=Z,0.9nm,0.8s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA, JKR, JLU, HATJ, IRIF, JISG, JTJ, etc.

TAP 01 03:33:57.6,24:28N:121:76E,h13km,1km,ML1.4,D,Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENA, EWUT, NACS, NACB, TWD, ETLH, ETLH, LATG, TWC, NDS, NNSB, WHF, FUSB, YHNB, CHGB, OWD, VWDY, etc.

HEL 01 03:47:25.7,0.7,69:44N:30:77E,h0km,ML1.2,Explosion,Norway-Murmansk border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEV, VRF, ARAO, ARAO, SGF, KTK1, OLKF, etc.

BER 01 03:48:01.8,1.6,69:41N:29:91E,h0km,ML1.1,Suspected explosion,Norway-Murmansk border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEV, ARAO, KTK1, HEF, etc.

NNC 01 03:53:38.0,3.5,53:54N:87:98E,h0km,mb3.4,mpv3.0,Error ellipse: s-maj=25.3km s-min=17.3km az=80.0, Suspected Mining explosion

IDC 01 03:53:39.2,3.3,53:53N:0:1x87:8E:0.2,h0km,n8,1810/11,ML3.2/2,Error ellipse: s-maj=25.7km s-min=15.8km az=62.0

ISC 01 03:53:39.2,3.3,53:53N:0:1x87:8E:0.2,h0km,n8,1810/11,3C-6D,Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46R, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, KURK, KURB, KURB, KURB, MK31, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, ARCES ARCES Array B, FINES FINES Array B, PDAR Pinedale Array, ANMO Albuquerque.

IDC 01 05:31:01.3-1.0, 2.277N x 142.71E, h0km, mb3.7/6, mtbmp3.7/8, ML3.8/2, Error ellipse: s-maj=50.5km

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, etc.

ARE 01 05:33:20.4-7.1, 12.73S x 0.08-77.0W, 0.1, h59km, 8km, Error ellipse: s-maj=0.0km s-min=0.0km az=178.0

NEIC 01 05:33:23.2-1.5, 12.63S x 0.09-77.2W, 0.1, h44km, 7km, mb3.9/3, ML4.1 (ARE), Error ellipse: s-maj=18.2km

Table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNA Nana, CZSB Cruzeiro do Su, LPAZ La Paz, BOSB San Juan Bosco, etc.

JMA 01 05:39:07.1-0.1, 35.3N x 0.2-135.7E, 0.2, h8km, 1km, MW0.2/12, MID KYOTO PREF, Western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station JMT Wachi.

MOS 01 05:39:56.1-0.9, 33.43N x 131.64E, h85km, mb4.7/37, Error ellipse: s-maj=9.6km s-min=5.2km az=119.9

NIED 01 05:39:58.1, 33.54N, 131.80E, h76km, MW4.5, Moment Tensor Solution. s3. Moment tensor: Scale 1015Nm; Mw=4.5; Mxx=3.46; Myy=1.0; Mzz=1.90; Mxy=2.24; Myz=0.03; Mxz=0.0000; s27.0000; s132.0000. NP2: s33.0000; s70.0000; s71.0000.

JMA 01 05:39:58.1-0.1, 33.53N x 131.8E, 0.2, h76km, MD4.4/39, MW4.5/39, IYONADA SETONAIIKAI

JMA 01 05:39:58.1-0.4, 33.51N x 131.62E, h84km, 3km, mb4.2/26, mtbmp4.5/30, MS3.1/17, Error ellipse: s-maj=9.7km s-min=7.2km az=133.0

NEIC 01 05:39:58.3-1.8, 33.53N x 0.06-131.76E, 0.06, h79km, 6km, mb4.9/73, Error ellipse: s-maj=8.7km s-min=7.1km az=153.0

ISC 01 05:39:57.0-0.4, 33.51N x 0.03-131.77E, 0.03, h84km, 3km, h84km; p-P, n460, 1951/448, mb4.7/95, 17C-15D, Kyushu

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKI Kunimi, JBEP Beppuamama, OIT2 Oita 2, OIT3 Oita 3, JUS Usuki, etc.

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHM Kurahashi, JHM Kurahashi, JKIT Kitakata, JTY Toyota, etc.

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIY Taiyuan, BTO Baotou, XAN Xi'an, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like DBG Daneborg, AKASG Malin Array Be, AKB6 Malin Array Si, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ULM Lac du Bonnet, HEC Hector, GMRC Granite Mounta, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like TRKS baz=16, EKS2 Erkin-Say, AAK Ala-Archa, etc.

IDC 01 06:06:15.9-4.7, 5.54S, 147.25E, h218km, 49km, mb3.5/2, mbmp4.24, MS3.3/1, Error ellipse: s-maj=84.7km s-min=26.1km az=132.0

NEIC 01 06:06:17.1-2.5, 5.51S, 10.08E, h227km, 10km, mb4.2/9, Error ellipse: s-maj=25.8km s-min=11.5km az=91.0

ISC 01 06:06:18.1-0.9, 5.55S, 109.147E, h250km, n27, s164/28, mb4.0/4, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Time, Res. Includes stations like MANU Manus Island, PMG Port Moresby, etc.

KRNET 01 06:06:25.2-0.1, 39.53N, 73.68E, mb3.5 SOME 01 06:06:25.5, 39.62N, 73.68E, h10km

NIC 01 06:06:29.8-1.1, 39.70N, 73.72E, h3km, mb3.6, mpv3.2, Error ellipse: s-maj=8.3km s-min=4.3km az=173.0

ISC 01 06:06:22.0-1.4, 39.51N, 105.7368E, 0.03, h10km, 13km, n45, s123/73, 14C-9D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Time, Res. Includes stations like OHH Osh, OHH Hailei, BTk Batken, etc.

IDC 01 06:16:46.6.3.0.6'02S; 148'49E; h62km; 27km; mb3.6/4, mbmp4.0/8, ML4.2/3, MS2.8/3, Error ellipse: s-maj=53.6km

s-min=16.0km az=125.0
ISC 01 06:16:45.9:1.1, 5.9S:0.1:1.48E:0.2, h65km, n11, α =302/11, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Keravat, Charters Tower, Warramunga Arr, etc.

IDC 01 06:25:44.5:2.1, 0.68N; 125.92E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=177.6km s-min=27.7km az=65.0

DJA 01 06:25:50.4:1.1, 1.1N:5.12E, h28km; 14km, M3.7/6, MLv3.7/6

ISC 01 06:25:49.7:1.2, 1.10N:0.08E:126.8E:0.1, h35km, n7, α =202/7, mb3.6/3, Northern Moluca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Ternate, Labuha, Sangihe, etc.

MEX 01 06:27:24.6:0.4, 26.25N; 110.75W, h10km, MD4.0

IDC 01 06:27:25.7:1.7, 26.45N; 110.67W, h0km, mb3.6/1, mbmp3.2/4, ML3.3/2, MS3.0/3, Error ellipse: s-maj=25.0km

s-min=19.2km az=122.0
ECX 01 06:27:39.7:0.8, 27.84N; 111.46W, h5km; 12km, MD3.9, ML2.5

ISC 01 06:27:22.7:1.4, 26.44N:0.04E:110.78W:0.04, h16km; 11 km, n22, α =217/24, MS2.8/3, 2C, Gulf of California

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Guaymas, Santa Rosalia, Topolobambo, etc.

KRSC 01 06:33:24.0:4.5, 53.58N; 159.44E, h118km; 5km, ML3.5
IDC 01 06:33:25.1:1.4, 53.35N; 158.91E, h137km; 1km, mb3.1/3, mbmp3.6/3, MS3.9/1, Error ellipse: s-maj=39.4km

s-min=25.3km az=40.0
ISC 01 06:33:24.1:0.9, 53.60N:0.06E:159.33E:0.06, h119km; 6km, n29, α =074/44, mb3.3/3, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Sedlovina, Nalytchevo, Karymskiy, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Dalny, Kshalec, Cherny, etc.

IPEC 01 06:43:24.2:0.4, 51.53N; 16.27E, h0km; 1km, ML2.7/5, Error ellipse: s-maj=2.7km s-min=1.2km az=31.0
PRU 01 06:43:25.8:0.0, 51.47N; 16.16E, h0km
VIE 01 06:43:26.0:0.6, 51.39N; 16.23E, h0km; mb2.5/8, ml2.8/7, Error ellipse: s-maj=4.3km s-min=3.4km az=168.0 64 km

WVW of Wroclaw Suspected Mining induced.
IDC 01 06:43:26.8:0.8, 51.41N; 16.11E, h0km; mbmp3.1/5, ML2.7/5, Error ellipse: s-maj=14.1km s-min=7.5km az=118.0

ISC 01 06:43:23.7:0.8, 51.55N:0.03E:16.23E:0.03, h0km, n34, α =092/67, Poland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Kshalec, Chivalec, Ostas, etc.

IDC 01 06:45:22.1:3.0, 53.50N; 162.77E, h0km; mbmp2.8/2, ML2.4/2, Error ellipse: s-maj=27.6km s-min=17.2km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Zalesovo, ZALV, Kurbb, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, FINES FINESS Array B, etc.

SSS 01 06:44:57.6:1.0, 12.94N; 89.04W, h34km; 20km, ML2.8
INET 01 06:44:57.6:1.0, 12.94N; 89.04W, h34km; 20km, ML2.8
INET 01 06:44:57.6:1.0, 12.83N; 89.00W, h32km; 124km, MW3.8
ISC 01 06:44:56.3:2.5, 12.93N:0.1:89.06W:0.06, h29km; 16km, n24, α =053/36, Off coast of Central America

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like COEG Centro de Oper, COEB Comit de Eme, etc.

ISC 01 06:45:22.1:3.0, 53.50N; 162.77E, h0km; mbmp2.8/2, ML2.4/2, Error ellipse: s-maj=27.6km s-min=17.2km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Zalesovo, ZALV, Kurbb, etc.

IDC 01 06:47:56.0:0.9, 11.12N; 127.21E, h0km; mb4.1/8, mbmp4.2/9, ML4.4/1, MS3.3/4, Error ellipse: s-maj=54.0km s-min=16.2km az=69.0

DJA 01 06:48:00.1:0.5, 11.2E; 127.7E, h16km; 4km, M4.4/16, ML4.6/10, m0.6/2, ML4.3/6, MW(m)3.8/2
NEIC 01 06:48:03.2:1.6, 0.93N:0.05E:127.06E:0.07, h37km; 8km, mb4.5/26, Error ellipse: s-maj=10.5km s-min=6.9km az=70.0

ISC 01 06:48:02.5:0.6, 1.01N:0.06E:127.00E:0.07, h35km, n70, α =149/69, mb4.4/26, MS3.3/3, Northern Moluca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Tnti Ternate, LBMI Labuha, SPSI Sidrap Palu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA WB2 Warramunga Arr, WR0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA WB2 Warramunga Arr, WR0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA WB2 Warramunga Arr, WR0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA WB2 Warramunga Arr, WR0 Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CROK Carrier, CROK Carrier, OK029 Liberty Lake, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OK034 N. Norfolk Rd., KAN13 South Haven Sw, OK025 Westminster Rd, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA WB2 Warramunga Arr, WR0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MGMO Mountain Grove, WHAR Woolly Hollow, WLAR White Oak Lake, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CROK Carrier, CROK Carrier, OK029 Liberty Lake, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OK034 N. Norfolk Rd., KAN13 South Haven Sw, OK025 Westminster Rd, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA WB2 Warramunga Arr, WR0 Warramunga Arr, etc.

GERES	GERESS Array B	83.64 321	P	P	08 36 08.3	-0.7
comp=Z,2.6nm,0.8s,baz=50,slow=2.1,SNR=17						
GERES	GERESS Array B	83.64 321	P	P	08 36 07.4	-1.6
KMBO	Kilima Mbojo	85.94 267	P	P	08 36 22.4	+1.0
comp=Z,1.0nm,0.3s,baz=66,slow=13,SNR=3.6						
FUORN	Ofenpass-Fuorn	86.77 320	P	I/Amb	08 36 23.6	-1.3
comp=Z,3.8nm,0.8s						
DAVOX	Davos/Dischmat	86.91 320	LR	LR	09 19 41.4	
comp=Z,82nm,18.9s,baz=80,slow=39						
BORG	Borgarnes	87.17 345	LR	LR	09 19 54.0	
comp=Z,82nm,18.4s,baz=34,slow=39						
EKA	Eskdalemuir Ar	88.36 332	LR	LR	09 21 15.1	
comp=Z,147nm,18.5s,baz=12,slow=39						
FRB	Frøbisshol Bay	92.13 5	LR	LR	09 22 17.5	
comp=Z,4.1nm,19.6s,baz=359,slow=38						
NVAR	Mina Array Bea	95.86 43	P	P	08 37 07.2	-0.2
comp=Z,0.5nm,0.7s,baz=305,slow=5.8,SNR=5.5						
ESDC	Sonsecq Array	99.23 321	LR	LR	09 27 36.9	
comp=Z,45nm,18.3s,baz=99,slow=39						
LSZ	Lusaka	99.75 258	LR	LR	09 22 53.0	
comp=Z,38nm,18.2s,baz=170,slow=36						

KRNET 01 08:26:22.8;0.1,39.43N;73.70E,mb4.3
 SOME 01 08:26:22.5,39.40N;73.58E,h15km
 IDC 01 08:26:23.3;1.2,39.33N;73.32E,h0km,mb3.6/8,
 mbtmp3.6/12,ML3.3/3,MS2.9/1,Error ellipse:
 s-maj=23.8km s-min=14.5km az=136.0
 NNC 01 08:26:28.9;1.0,39.61N;73.54E,h0km,mb4.3,mpv3.9,
 Error ellipse: s-maj=7.9km s-min=4.3km az=173.0
 ISC 01 08:26:27.0;1.4,39.58N;0.05;73.37E;0.03,h14km,gkm,
 n95,±285/132,mb3.6/8,21C-20D,Tajikistan-Xinjiang
 border region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
OHH	Osh	1.04	335f	eP	08 27 43.3	+0.1
OHH	baz=28					
GAR	Garm	2.44	257f	eP	08 27 09.2	+2.7
GAR	baz=62					
AML	Almayashu	2.56	5	P	08 27 12.1	-0.9
TRKS	Terek-Say	2.58	320f	eP	08 27 11.0	+2.4
TRKS	baz=17					
UCH	Uchtor	2.78	18	P	08 27 14.8	+3.3
UCH	SNR=121					
UCH	Uchtor	2.78	18f	iP	08 27 12.1	+0.6
UCH	baz=12					
EKS2	Erkin-Say	3.09	6	P	08 27 19.4	+3.9
EKS2	SNR=36					
EKS2	Erkin-Say	3.09	6f	eP	08 27 16.7	+1.2
EKS2	baz=1.0					
MRKS	Merke	3.16	358	eS	08 27 27.0	-0.6
MRKS	249nm,0.2s					
MRKS	Merke	3.16	358	Pg	08 27 27.4	-0.2
MRKS	38nm,0.6s					
MRKS	baz=12					
AAK	Ala-Archa	3.17	15	P	08 27 20.5	+3.9
AAK	SNR=53					
AAK	Ala-Archa	3.17	15	Pn	08 27 20.7	+4.1
AAK	2.6nm,0.3s,baz=183,slow=7.2,SNR=73					
AAK	4.8nm,0.3s,baz=343,slow=21,SNR=2.2					
AAK	Ala-Archa	3.17	15f	eP	08 27 17.2	+0.6
AAK	baz=10.0					
KBK	Karagaybulak	3.29	21	P	08 27 19.8	+1.4
KBK	SNR=10					
KBK	Karagaybulak	3.29	21f	eP	08 27 18.7	+0.3
KBK	baz=16					
CHGR	Chuyangaron	3.40	256f	eP	08 27 21.3	+1.5
CHGR	baz=59					
ULHL	Ulahol	3.44	38	P	08 27 24.1	+3.8
ULHL	SNR=14					
ULHL	Ulahol	3.44	38f	eP	08 27 19.4	-0.9
ULHL	baz=34					
TAS	Tashkent	3.56	301f	eP	08 27 25.7	+3.8
TAS	baz=1.0					
CHMS	Chumysh	3.57	17	P	08 27 25.6	+3.6
CHMS	SNR=7.7					
CHMS	Chumysh	3.57	17f	eP	08 27 22.6	+0.6
CHMS	baz=12					
CHMS	Chumysh	3.57	17	fPn	08 27 25.5	+3.6
CHMS	32nm,0.5s					
CHMS	98nm,0.3s					
CHMS	34nm,0.6s					
CHMS	318nm,0.3s					
IUG	luzhnyay	3.60	316	eP	08 27 34.4	-1.6
IUG	811nm,0.1s					
IUG	luzhnyay	3.60	316	Pg	08 27 36.0	0.0
IUG	791nm,0.4s					
DZA	Taraz	3.65	336	eP	08 27 35.8	-1.1
DZA	255nm,0.5s					
DZA	77nm,0.0s					
DZA	498nm,0.2s					
DZA	Taraz	3.65	336	Pg	08 27 36.2	-0.7
DZA	64nm,0.1s					
TKM2	Tokmak 2	3.73	26	P	08 27 28.5	+4.0
TKM2	SNR=16					
TKM2	Tokmak 2	3.73	26f	eP	08 27 24.5	+0.1
TKM2	baz=22					
TKM2	Tokmak 2	3.73	26	fPn	08 27 27.7	+3.2
TKM2	7.4nm,0.6s					
USP	Ospenovka	3.78	13	P	08 27 28.4	+3.6
USP	SNR=24					
USP	Ospenovka	3.78	13f	iP	08 27 25.9	+1.0
USP	baz=9.0					
CHM	Chimkent	3.95	315	eS	08 27 39.9	-2.8
CHM	98nm,0.1s					
CHM	280nm,0.1s					
KST	Kastek	3.97	29	eP	08 27 37.8	+1.0
KST	8.9nm,0.3s					
KST	121nm,0.3s					
KST	Kastek	3.97	29	Pg	08 27 39.8	+2.9
KST	14nm,0.9s					
SGDS	Soginday	3.98	13	eP	08 27 38.1	+1.1
SGDS	122nm,1.1s					
SGDS	13nm,0.7s					

SGDS	58nm,0.2s					
SGDS	Soginday	3.98	13	Pg	08 27 39.5	+2.6
SGDS	13nm,0.7s					
DGS	Degeres	4.08	26	eP	08 27 41.0	+2.4
DGS	16nm,0.1s					
DGS	154nm,1.1s					
DGS	Degeres	4.08	26	Pg	08 27 37.5	+3.9
DGS	37nm,1.1s					
KK31	Karalay Array	4.12	329f	fPn	08 27 33.7	+4.1
KK31	1.9nm,0.2s,baz=124,slow=13,SNR=96					
KK31	4.2nm,0.3s,baz=144,slow=14,SNR=9.7					
KK31	64nm,0.7s,baz=139,slow=29,SNR=3.4					
KKAR	Karalay Array	4.12	329f	eP	08 27 33.0	+3.4
KKAR	baz=28					
MTBS	Maitube	4.23	32	eP	08 27 42.4	+1.2
MTBS	22nm,0.3s					
MTBS	59nm,0.8s					
MTBS	Maitube	4.23	32	Pg	08 27 44.6	+3.4
MTBS	22nm,0.6s					
MTBS	59nm,0.8s					
BRLS	Borolday	4.35	323	eP	08 27 44.4	+1.1
BRLS	12nm,0.3s					
BRLS	64nm,0.1s					
BRLS	Borolday	4.35	323	Pg	08 27 46.3	+3.0
BRLS	12nm,0.8s					
TNSS	Tian-Shan	4.38	37	eP	08 27 45.7	+1.7
TNSS	14nm,0.1s					
TNSS	75nm,0.4s					
TNSS	Tian-Shan	4.38	37	Pg	08 27 47.6	+3.6
TNSS	13nm,0.5s					
KRBS	Karabastau	4.46	22	eP	08 27 47.3	+2.2
KRBS	6.6nm,0.0s					
KRBS	78nm,0.2s					
KRBS	Karabastau	4.46	22	Pg	08 27 48.7	+3.6
KRBS	6.6nm,0.4s					
MDOK	Medeo	4.52	37	eP	08 27 47.5	+1.2
MDOK	78nm,0.7s					
MDOK	Medeo	4.52	37	Pn	08 27 38.8	+3.6
MDOK	92nm,0.6s					
MDOK	4.7nm,0.5s					
MDOK	17nm,0.5s					
MDOK	Medeo	4.52	37	Pg	08 27 48.2	+1.9
MDOK	16nm,0.6s					
MDOK	92nm,0.6s					
MDOK	84nm,0.6s					
KOTS	Kotyrbulak	4.61	36	eP	08 27 49.7	+2.0
KOTS	18nm,0.1s					
KOTS	137nm,0.7s					
KOTS	Kotyrbulak	4.61	36	Pg	08 27 51.1	+3.4
KOTS	18nm,0.9s					
KOTS	137nm,1.1s					
KTBS	Karabote	4.81	30	eP	08 27 52.7	+1.6
KTBS	12nm,0.1s					
KTBS	92nm,0.2s					
KTBS	Karabote	4.81	30	Pg	08 27 54.4	+3.2
KTBS	12nm,0.5s					
KUU	Kury	4.85	26	eP	08 27 53.6	+1.9
KUU	92nm,0.7s					
KUU	70nm,0.4s					
KUU	Kury	4.85	26	Pg	08 27 55.6	+3.9
KUU	11nm,0.6s					
CHKK	Chushkaly	5.05	31	eP	08 27 57.4	+2.1
CHKK	70nm,0.6s					
CHKK	Chushkaly	5.05	31	Pg	08 27 59.3	+4.1
CHKK	6.0nm,0.5s					
SATY	Saty	5.14	46	eP	08 27 59.0	+2.2
SATY	41nm,0.7s					
SATY	18nm,0.3s					
SATY	Saty	5.14	46	Pg	08 28 00.7	+3.9
SATY	18nm,0.7s					
ZHN	Zhishniek	5.23	45	eP	08 28 00.6	+2.4
ZHN	6.0nm,0.2s					
ZHN	20nm,0.7s					
ZHN	Zhishniek	5.23	45	Pg	08 28 02.5	+4.3
ZHN	6.0nm,0.2s					
ZHN	20nm,0.7s					
KURS	Kuram	5.31	41	eP	08 28 02.9	+3.2
KURS	20nm,0.7s					
KURS	11nm,1.0s					
KURS	21nm,0.6s					
KURS	Kuram	5.31	41	Pg	08 28 05.1	+5.4
KURS	10nm,0.7s					
KURS	38nm,2.0s					
BTLS	Baital	5.48	5	eP	08 28 05.3	+2.8
BTLS	6.3nm,0.2s					
BTLS	32nm,0.1s					
BTLS	Baital	5.48	5	Pg	08 28 07.3	+4.8
BTLS	6.3nm,0.6s					
BTLS	32nm,0.5s		</			

2016 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like HAZ, MXZ, WHRZ, RUGZ, PKGZ, WMGZ, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like KTBS, SATY, SATY, SATY, ZHN, ZHN, etc.

IDC 01 08:55-18.0-3.2, 54.118N-87.29E, h0km, mbtmp2.5/2, ML2.0/2, Error ellipse: s-maj=25.0km s-min=19.6km az=53.0, Southwestern Siberia

IDC 01 09:10:16.3-1.5, 40.74N-0.07-74.75E, h11km, 11km, n6, n197/103, 18C-17Z, Kyrgyzstan-Xinjiang border

IDC 01 09:10:17.2-2.9, 53.60N-87.07E, h0km, mbtmp2.4/2, ML2.0/2, Error ellipse: s-maj=26.5km s-min=17.6km az=67.0, Southwestern Siberia

KRNEC 01 09:26:15.2±0.1, 39°53'N;73°69'E, mb3.0
 SOME 01 09:26:17.0±3.2, 39°53'N;73°00'E, h5km
 NNC 01 09:26:18.1±3.2, 39°74'N;73°59'E, h0km, mb3.3, mpv2.9
 Error ellipse: s-maj=23.9km s-min=10.5km az=171.0
 ISC 01 09:26:11.7±1.5, 39°46'N;07°73'38E;0.04, h10km, n26,
 r1549/43, 10C-3D, Tajikistan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
						h m s	ISC	
OHH	Osh	1.41	320f	eP	ISC	09 26 37.5	0.0	
OHH	baz=25			↑eS	Sb	09 26 53.9	-2.3	
DRK	Karamyk	1.69	272f	eP	Pn	09 26 42.0	+0.5	
DRK	baz=69			↑eS	Sb	09 27 01.5	-1.9	
UCH	Uchtor	2.80	8f	eP	Pn	09 27 01.0	-1.1	
UCH	baz=13			↑eS	Sb	09 27 34.7	-1.9	
GAR	baz=13	2.88	262f	eP	Pn	09 26 59.4	+1.6	
GAR	Garm			↑eS	Sb	09 27 31.8	-0.8	
TRKS	baz=60	3.00	315f	↑iP	Pn	09 27 00.5	+1.1	
TRKS	Terek-Say			↓eS	Sb	09 27 33.4	-2.1	
MRKS	berke	3.34	350	eP	Pg	09 27 17.4	+1.7	
MRKS	1.1nm,0.0s			eS	Sg	09 28 01.3	+2.5	
KST	Kastek	3.88	22	eP	Pg	09 27 27.4	+1.2	
KST	1.4nm,0.5s			eS	Sg	09 28 17.9	+1.5	
KST	Kastek	3.88	22	Pg	Pg	09 27 27.3	+1.2	
KST	1.4nm,0.5s			Lg	Lg	09 28 19.0		
DGS	Degeres	4.02	19	eP	Pg	09 27 29.0	+0.4	
DGS	2.9nm,0.6s			eS	Sg	09 28 20.7	0.0	
DGS	Degeres	4.02	19	Pg	Pg	09 27 27.6	-1.0	
DGS	2.9nm,0.6s			Lg	Lg	09 28 19.7		
SGDS	Sogindy	4.02	7	eP	Pg	09 27 29.5	+0.7	
SGDS	1.7nm,0.5s			eS	Sg	09 28 22.1	+1.2	
SGDS	Sogindy	4.02	7	Pg	Pg	09 27 28.7	-0.1	
SGDS	1.8nm,0.3s			Lg	Lg	09 28 21.6		
IUG	3.6nm,1.0s	4.03	313	eP	Pg	09 27 31.4	+2.5	
IUG	luzhny			eS	Sg	09 28 25.2	+4.2	
IUG	5.3nm,1.0s	4.03	313	Pg	Pb	09 27 21.1	-1.7	
IUG	19nm,0.1s			Lg	Lg	09 28 08.8		
TNSS	7.7nm,0.7s	4.22	31	eP	Pg	09 27 33.2	+0.7	
TNSS	Tian-Shan			eS	Sg	09 28 28.4	+1.1	
TNSS	1.1nm,0.1s	4.22	31	Pg	Pg	09 27 33.0	+0.5	
TNSS	3.1nm,0.1s			Lg	Lg	09 28 28.6		
MDOK	Medeo	4.37	31	eP	Pg	09 27 36.2	+0.8	
MDOK	1.6nm,0.1s			eS	Sg	09 28 33.2	+1.3	
KRBS	Karabastau	4.42	16	eP	Pg	09 27 36.8	+0.3	
KRBS	1.5nm,0.4s			eS	Sg	09 28 34.1	+0.4	
KRBS	Karabastau	4.42	16	Pg	Pg	09 27 35.8	-0.7	
KRBS	1.5nm,1.0s			Lg	Lg	09 28 33.7		
KK31	Karatay Array	4.49	325	↑Pn	Pn	09 27 22.7	+2.9	
KK31	0.3nm,0.3s,baz=144,slow=15,SNR=7.6			↑Sn	Sn	09 28 12.1	+0.2	
KK31	0.5nm,0.3s			↑Lg	Lg	09 28 30.8		
KTBS	Karabobe	4.71	25	eP	Pg	09 27 42.4	+0.5	
KTBS	1.3nm,0.3s			eS	Sg	09 28 44.1	+1.1	
KTBS	Karabobe	4.71	25	Pg	Pg	09 27 42.1	+0.1	
KTBS	1.8nm,0.9s			Lg	Lg	09 28 44.2		
BRLS	Borolday	4.75	320	eP	Pg	09 27 41.6	-1.0	
BRLS	1.1nm,0.1s			eS	Sg	09 28 42.2	-1.8	
BRLS	Borolday	4.75	320	Pg	Pb	09 27 34.3	-0.7	
BRLS	0.7nm,0.2s			Lg	Lg	09 28 31.4		
ARXS	Arharly	5.55	30	eP	Pg	09 27 58.5	+0.4	
ARXS	2.0nm,0.9s			eS	Sg	09 29 11.0	+1.0	
ARXS	Arharly	5.55	30	Pg	Pg	09 27 57.5	-0.6	
ARXS	3.6nm,3.3s			Lg	Lg	09 29 11.2		
ARXS	2.7nm,1.2s							

IDC 01 09:28:43.2±8.7, 18°35'N;144°89'E, h176km, 64km, mb3.2/3,
 mbmp3.8/4, Error ellipse: s-maj=149.4km s-min=30.3km
 az=121.0

NEIC 01 09:28:51.4±0.5, 17°55'N;10°146'2E;0.2, h221km, 8km,
 mb4.1/9, Error ellipse: s-maj=29.4km s-min=14.0km
 az=82.0

ISC 01 09:28:48.7±1.1, 17°65'N;10°146'5E;0.3, h100km, n16,
 r158/16, mb3.9/6, Mariana Islands

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
						h m s	ISC	
GUMO	Guam	4.34	202	P	Pn	09 29 55.2	+0.5	
GUMO	11nm,0.3s,baz=343,slow=10,SNR=4.3			S	Sn	09 30 48.5	+1.8	
GUMO	20nm,0.3s,baz=325,slow=23,SNR=6.9			Pn	Pn	09 29 55.6	+0.9	
GUMO	Matsushiro	20.20	340	P	P	09 33 09.1	+0.9	
MAJO	Matsushiro			IAMB	IAMB	09 33 31.2		
MJB9	Matsushiro	20.21	340	P	P	09 33 08.9	+0.7	
MJB9	comp=Z,6.7nm,1.4s			IAMB	IAMB	09 33 31.2		
MJB9	Marumori	20.76	347	P	P	09 33 15.2	+1.2	
WBO	Warramunga Arr	39.04	198	P	P	09 35 55.4	-0.9	
WBO	comp=Z,6.0nm,1.2s			IAMB	IAMB	09 36 27.6		
WR0	Warramunga Arr	39.18	198	P	P	09 35 56.3	-1.1	
WRAB	Tennant Creek	39.21	198	P	P	09 35 56.8	-0.9	
WRAB	comp=Z,7.8nm,1.1s			IAMB	IAMB	09 36 15.8		
WB2	Warramunga Arr	39.22	198	P	P	09 35 56.2	-1.6	
WB2	comp=Z,14nm,1.5s			IAMB	IAMB	09 36 20.7		
WRA	Warramunga Arr	39.22	198	P	P	09 35 56.4	-1.4	
WRA	comp=Z,0.8nm,0.3s,baz=13,slow=8.0,SNR=3.2			IAMB	IAMB	09 35 57.2		
WRA	Warramunga Arr	39.22	198	IAMB	IAMB	09 35 57.2		
AS31	Alice Springs	42.87	197	P	P	09 36 24.5	-3.0	
ASAR	Alice Springs	42.87	197	P	P	09 36 26.2	-1.3	
ASAR	comp=Z,0.3nm,0.4s,baz=13,slow=5.7,SNR=1.1			IAMB	IAMB	09 36 26.2		
ASAR	Alice Springs	42.87	197	P	P	09 36 25.1	-2.4	
MKAR	Makanchi Array	59.74	314	P	P	09 38 31.4	+1.1	
NVAR	Mina Array Bea	83.17	52	P	P	09 40 53.8	+0.9	
NVAR	comp=Z,0.3nm,0.5s,baz=270,slow=5.1,SNR=3.7			IAMB	IAMB	09 40 53.8		

GUC 01 09:46:07.0±0.8, 28°45'S;69°47'W, h120km, 7km, ML3.8
 IDC 01 09:46:09.4±5.2, 28°29'S;69°32'W, h105km, 9km, mb3.4/2,
 mbmp3.6/5, Error ellipse: s-maj=48.9km s-min=28.3km
 az=46.0

ISC 01 09:46:08.9±0.8, 28°44'S;0°04'69'42W;0.08, h116km, 8km,
 n27, r1945/36, 1C, Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
						h m s	ISC	
GO03	Copiap	1.11	319	eP	ISC	09 46 31.6	-0.1	
GO03	comp=N,1.1um,0.3s			iS	Sn	09 46 49.1	+0.1	
GO03	LCO	1.26	243	eP	Pn	09 46 33.5	-0.1	
GO03	Llanos de Chal	1.47	279	eP	Pn	09 46 35.2	-0.6	
GO03	AC04	1.47	279	iS	Sn	09 46 56.0	-0.2	
GO03	AC04			iS	Sn	09 46 56.8		
GO03	comp=E,1.1um,0.3s			iS	Sn	09 46 38.3	+0.3	
CO01	Juntas del Tor	1.62	9	eP	Pn	09 46 38.4	+0.4	
CO01	CO01	1.64	201	eP	Pn	09 47 01.3	+1.1	
GO04	Tololo Observa	2.11	214	eP	Sn	09 46 43.3	-0.4	
GO04	GO04			iS	Sn	09 47 10.6	+0.3	
CO05	La Serena	2.17	227	eP	Sn	09 46 43.4	-0.8	
CO05	CO05			iS	Sn	09 47 01.4	+0.9	
CO05	comp=N,1.4nm,0.3s			iS	Sn	09 47 17.0		
AC01	Pan de Azucar	2.51	335	eP	Pn	09 46 48.7	0.0	
CO03	El Pedregal	2.63	204	↑iP	Pn	09 46 49.9	-0.5	
CO03	CO03			iS	Sn	09 47 22.2	0.0	
CO03	comp=N,1.1um,0.3s			iS	Sn	09 47 23.1		
CO06	Fray Jorge	2.95	220	iS	Sn	09 47 28.5	-0.9	
CO02	Combarbal	3.08	206	eP	Pn	09 46 55.1	-1.1	
CO02	CO02			eS	Sn	09 47 31.5	+1.2	
GO02	Mina Guanaco	3.27	357	eP	Pn	09 46 59.2	+0.3	
GO02	GO02			iS	Sn	09 47 45.8		
GO02	comp=N,2.16nm,0.3s			iS	Sn	09 47 11.6	-2.3	
VA06	Catapilco	4.42	201	eP	Pn	09 47 11.6	-2.3	
VA03	San Esteban	4.42	192	eP	Pn	09 47 13.3	+1.1	
ROEH	El Roble	4.72	196	eP	Pn	09 47 15.3	-2.9	
PEL	Peidehue	4.81	193	eP	Pn	09 47 17.4	-1.9	
MT02	Caracav	5.03	197	eP	Pn	09 47 19.0	-3.1	
LVC	Limon Verde	5.82	5	P	Pn	09 47 31.9	-1.4	
LVC	comp=N,5.4nm,0.3s,baz=189,slow=10,SNR=6.7			Sn	Sn	09 48 34.7	-4.2	
CPUP	Villa Florida	10.95	82	P	Pn	09 48 40.3	+0.7	
CPUP	comp=N,1.1nm,0.7s,baz=249,slow=16,SNR=3.6			Pn	Pn	09 47 31.5	+1.2	
LPAZ	La Paz	12.15	6	P	Pn	09 48 57.1	-1.7	
LPAZ	comp=N,0.2nm,0.3s,baz=180,slow=7.1,SNR=8.2			Pn	Pn	09 48 57.1	-1.7	
TXAR	Lajitas Array	66.12	327	P	P	09 56 46.4	+2.5	
TXAR	comp=N,0.2nm,0.6s,baz=147,slow=8.6,SNR=3.1			Pn	Pn	09 56 46.4	+2.5	
TORD	Torodi Arr. Bea	80.18	69	P	P	09 58 07.3	+0.5	
TORD	comp=N,1.4nm,0.7s,baz=259,slow=5.1,SNR=8.1			Pn	Pn	09 58 07.3	+0.5	
ASAR	Alice Springs	123.53	206	PKP	PKIKP	10 04 54.0	+0.6	
ASAR	comp=N,0.2nm,0.6s,baz=126,slow=2.4,SNR=2.0			PKP	PKIKP	10 05 00.3	+0.4	
WRA	Warramunga Arr	126.70	208	PKP	PKIKP	10 05 00.3	+0.4	
WRA	comp=N,0.9nm,0.6s,baz=144,slow=1.8,SNR=1.9			PKP	PKIKP	10 05 39.5	-0.7	
KURBS	Kurchatov Arra	147.21	39	PKP	PKPab	10 05 39.5	-0.7	
KURBS	comp=N,0.2nm,0.6s,baz=144,slow=1.8,SNR=1.9							

IDC 01 10:04:02.3-1.8, 7:55S; 127:59E, h182km, 18km, mb3.6/7, mbmp4.1/10, Error ellipse: s-maj=25.2km s-min=15.4km az=101.0

ISC 01 10:04:00.8-0.6, 7:63S; 0:06; 127:65E:0:08, h162km, n24, r158/26, mb3.7/7, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like Baumata, BATI, MTN, etc.

IDC 01 10:07:28.7-1.0, 13:92N; 145:36E, h102km, 7km, mb3.8/10, mbmp4.1/10, MS2.6/1, Error ellipse: s-maj=30.6km s-min=15.2km az=97.0

NEIC 01 10:07:30.2-1.0, 13:89N; 0:08; 145:3E:0.1, h109km, 6km, mb4.2/29, Error ellipse: s-maj=16.5km s-min=9.3km az=116.0

ISC 01 10:07:28.6-0.5, 13:90N; 0:08; 145:41E:0:10, h100km, n54, r059/50, mb4.2/25, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like GUMO, PATS, H1S3, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like DOT, MENT, SCRK, etc.

TUL 01 10:27:20.3-1.0, 36:22N; 0:02; 97:28W:0:05, h10km, 7km, ML2.9, mb_Lg2.9/80(NEIC), Error ellipse: s-maj=6.0km s-min=2.3km az=68.0

NEIC 01 10:27:20.2-0.9, 36:22N; 0:01; 97:29W:0:02, h8km, 7km, Error ellipse: s-maj=2.9km s-min=0.8km az=116.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like OK033, OK029, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like OGN, JCT, SLM, etc.

TUL 01 10:33:53.7-1.0, 36:22N; 0:01; 97:28W:0:01, h8km, ML2.6, mb_Lg2.4/32(NEIC), Error ellipse: s-maj=1.7km s-min=1.5km az=205.0

NEIC 01 10:33:53.8-0.8, 36:22N; 0:00; 97:29W:0:01, h7km, 7km, Error ellipse: s-maj=1.6km s-min=0.4km az=63.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like OK033, OK029, etc.

TRKS	SNR=39 Terek-Say baz=18	2.81 317	↑P	Pb	10 44 23.8	-2.5
TRKS	baz=18		↑P	Sb	10 44 59.0	-1.7
EKS2	Erkin-Say SNR=5.1	3.15 1	P	Pb	10 44 31.9	-0.1
AAK	Ala-Archa SNR=5.4	3.18 10	P	Pb	10 44 33.5	+1.0
MRKS	Merke 14nm,0.0s	3.25 354	eP	Pg	10 44 40.4	+2.0
MRKS	41nm,0.7s			eS	10 45 25.2	+4.7
MRKS	Merke 29nm,0.7s	3.25 354	Pg	Pg	10 44 40.4	+2.0
MRKS			Lg	Lg	10 45 25.2	
KBK	41nm,0.7s Karagaybulak SNR=11	3.28 16	P	Pb	10 44 35.3	+1.1
ULHL	Ulahol SNR=5.3	3.34 34	P	Pg	10 44 39.6	-0.4
CHMS	Chumysh 4.2nm,0.4s	3.57 12	↑P	Pb	10 44 38.0	-1.1
CHMS	4.2nm,0.4s		↑P	Pg	10 44 43.7	-0.8
CHMS	8.3nm,0.5s		↑L	Lg	10 45 34.6	
TKM2	Tokmak 2 SNR=6.9	3.69 22	P	Pb	10 44 43.3	+2.0
TKM2	Tokmak 2 1.8nm,0.6s	3.69 22	↑P	Pb	10 44 39.9	-1.3
TKM2			↑P	Pg	10 44 45.8	-1.0
TKM2	2.3nm,0.4s		↑L	Lg	10 45 37.5	
USP	12nm,0.8s Ospenovka SNR=6.2	3.80 9	P	Pg	10 44 46.8	-2.0
IUG	luzhnay 201nm,0.7s	3.84 314	eP	Pg	10 44 48.5	-1.1
IUG	24nm,1.0s		eS	Sg	10 45 39.3	-0.1
IUG	luzhnay 201nm,0.7s	3.84 314	Pg	Pg	10 44 48.5	-1.1
IUG	24nm,1.0s		Lg	Lg	10 45 39.3	
SGDS	Sogindy 5.7nm,0.9s	4.00 10	eP	Pg	10 44 50.3	-2.3
SGDS			eS	Sg	10 45 41.9	-2.5
SGDS	5.2nm,1.2s		eS	Sg	10 44 50.3	-2.3
SGDS	5.7nm,0.9s		Lg	Lg	10 45 41.9	
DGS	5.2nm,1.2s Degeres 12nm,0.7s	4.04 22	eP	Pg	10 44 51.5	-1.8
DGS			eS	Sg	10 45 44.6	-1.1
DGS	12nm,0.7s		Lg	Lg	10 44 54.6	-1.0
MTBS	Matibue 13nm,0.7s	4.15 29	eP	Pg	10 45 49.6	+0.2
MTBS	8.0nm,0.2s		eS	Sg	10 45 49.6	+0.2
MTBS	Matibue 13nm,0.7s	4.15 29	Pg	Pg	10 44 54.6	-1.0
MTBS			Lg	Lg	10 45 49.6	
TNSS	8.0nm,0.2s Tian-Shan 8.6nm,0.4s	4.28 34	eP	Pg	10 44 57.2	-0.9
TNSS			eS	Sg	10 45 54.2	+0.6
TNSS	3.5nm,0.5s Tian-Shan 8.6nm,0.4s	4.28 34	Pg	Pg	10 44 57.2	-0.9
TNSS			Lg	Lg	10 45 54.2	
KK31	1.0nm,0.3s,baz=131,slow=12,SNR=15	4.33 327	Pn	Pn	10 44 46.6	+5.0
KK31	Karatay Array		↑P	Pb	10 44 56.1	-2.7
KK31	1.9nm,0.5s,baz=147,slow=17,SNR=5.6		↑L	Sb	10 45 39.6	-4.4
KK31	7.3nm,0.7s		↑L	Lg	10 45 54.7	
MDOK	4.6nm,0.4s,baz=152,slow=27,SNR=4.0	4.43 33	eP	Pg	10 44 59.8	-1.0
MDOK	9.1nm,0.9s		eS	Sg	10 45 58.8	+0.6
MDOK	11nm,0.6s		eS	Sg	10 44 59.8	+6.0
MDOK	6.7nm,0.5s		Pg	Pb	10 45 59.8	+6.0
MDOK	9.1nm,0.9s		Lg	Lg	10 45 58.8	
MDOK	11nm,0.6s		Lg	Lg	10 45 59.7	
MDOK	13nm,0.7s		Pg	Pg	10 44 59.9	-1.0
KRB5	Karabastau 9.1nm,0.5s	4.43 19	eP	Sg	10 45 58.9	+0.5
KRB5	8.3nm,1.4s		eS	Sg	10 45 58.9	+0.5
KRB5	Karabastau 9.1nm,0.5s	4.43 19	Pg	Pg	10 44 59.9	-1.0
KRB5			Lg	Lg	10 45 58.8	
KRB5	8.3nm,1.4s		Lg	Lg	10 45 58.8	
KOTS	Kotyrybulak 6.7nm,0.4s	4.51 33	eP	Pg	10 45 02.3	-0.2
KOTS			eS	Sg	10 46 03.1	+2.1
KOTS	38nm,1.0s		Pg	Pg	10 45 02.3	-0.2
KOTS	Kotyrybulak 6.7nm,0.4s	4.51 33	Pg	Pg	10 46 03.1	
KOTS			Lg	Lg	10 46 03.1	
BRLS	Borolday 7.8nm,0.3s	4.57 322	eP	Pb	10 44 58.9	+2.8
BRLS			eS	Sb	10 45 56.9	+5.7
BRLS	18nm,0.5s		Pg	Pb	10 44 58.9	+2.8
BRLS	Borolday 7.8nm,0.3s	4.57 322	Pg	Pb	10 45 56.9	
BRLS	18nm,0.5s		Lg	Lg	10 45 56.9	
KTBS	Karabastau 7.0nm,0.3s	4.75 27	eP	Pg	10 45 05.4	-1.6
KTBS			eS	Sg	10 46 08.5	0.0
KTBS	15nm,0.5s		Pg	Pg	10 45 05.4	-1.6
KTBS	Karabastau 7.0nm,0.3s	4.75 27	Pg	Pg	10 46 08.5	
KTBS			Lg	Lg	10 46 08.5	
KUU	Kurty 4.3nm,0.1s	4.80 23	eP	Pg	10 45 07.7	-0.2
KUU	13nm,0.9s		eS	Sg	10 46 11.9	+1.8
KUU	Kurty 4.3nm,0.1s	4.80 23	Pg	Pg	10 45 07.7	-0.2
KUU			Lg	Lg	10 46 11.9	
CHKK	Chushkaly 3.8nm,0.0s	4.98 28	eP	Pg	10 45 11.6	+0.1
CHKK			eS	Sg	10 46 18.4	+2.4
SATY	Saty 4.0nm,0.4s	5.01 43	eP	Pg	10 45 12.8	+0.9
SATY			eS	Sg	10 46 20.6	+3.9
SATY	9.3nm,1.3s		Pg	Pg	10 45 12.8	+0.9
SATY	Saty 4.0nm,0.4s	5.01 43	Pg	Pg	10 46 20.6	
SATY			Lg	Lg	10 46 20.6	
KURS	Kuram 5.9nm,0.7s	5.19 39	eP	Pg	10 45 15.3	-0.1
KURS			eS	Sg	10 46 25.3	+2.6
KURS	4.4nm,1.9s		Pg	Pg	10 45 15.3	-0.1
KURS	Kuram 5.9nm,0.7s	5.19 39	Pg	Pg	10 46 25.3	
KURS			Lg	Lg	10 46 25.3	
UZB	Uzynybulak 1.4nm,0.3s	5.40 46	eP	Pg	10 45 18.9	-0.5
UZB			eS	Sg	10 46 31.2	+1.8
UZB	3.9nm,0.9s		Pg	Pg	10 45 18.9	-0.5
UZB	Uzynybulak 1.4nm,0.3s	5.40 46	Pg	Pg	10 46 31.2	
UZB			Lg	Lg	10 46 31.2	
KPKS	Kokpek 5.7nm,0.5s	5.43 42	eP	Pg	10 45 19.0	-1.1
KPKS			eS	Sg	10 46 32.0	+1.5
KPKS	11nm,0.7s		Pg	Pg	10 45 19.0	-1.1
KPKS	Kokpek 5.7nm,0.5s	5.43 42	Pg	Pg	10 46 32.0	
KPKS			Lg	Lg	10 46 32.0	

KPKS	5.7nm,0.5s		Lg	Lg	10 46 32.0	
BTLS	Baital 3.1nm,0.7s	5.53 2	eP	Pg	10 45 18.9	-3.1
BTLS			eS	Sg	10 46 31.5	-2.1
BTLS	7.6nm,0.8s	5.53 2	Pg	Pg	10 45 18.9	-3.1
BTLS	Baital 3.1nm,0.7s		Lg	Lg	10 46 31.5	
ARXS	7.6nm,0.8s	5.61 32	eP	Pg	10 45 21.4	-2.1
ARXS	Arharly 7.8nm,0.9s		eS	Sg	10 46 35.7	-0.5
ARXS	6.0nm,1.3s	5.61 32	Pg	Pg	10 45 21.4	-2.1
ARXS	Arharly 7.8nm,0.9s		Lg	Lg	10 46 35.7	
ARXS	6.0nm,1.3s		Lg	Lg	10 46 35.7	
PDGK	Podgornoye 0.9nm,0.9s	5.78 47	Pg	Pg	10 45 23.9	-2.7
PDGK	2.6nm,1.0s		Lg	Lg	10 46 39.6	
BLB	Baldybastay 8.3nm,0.8s	5.80 36	eP	Pg	10 45 23.8	-3.3
BLB			eS	Sg	10 46 39.7	-2.5
BLB	6.0nm,0.9s	5.80 36	Pg	Pg	10 45 23.8	-3.3
BLB	Baldybastay 8.3nm,0.8s		Lg	Lg	10 46 39.7	
BLB	6.0nm,0.9s		Lg	Lg	10 46 39.7	

IDC 01 10:48:07.7:1.4, 16:90Sx:175:10W, h289km, 16km, mb3.4/4, mbmp4.2/6, Error ellipse: s-maj=39.3km s-min=16.3km az=152.0
NOU 01 10:49:04.0, 14:18S:172:26W, h61km, MLv2.4/4, Samoa Islands
ISC 01 10:48:05.3:1.0, 17.0S:0.3:175:4W:0.2, h250km, n7, r175/8, mb3.6/4, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
AFI	Afiamaul	4.62 49	Op	10 49 18.1	+1.4
AFI			S	10 50 13.2	-0.2
AFI	62nm,0.3s,baz=17,slow=22,SNR=12		Pn	10 49 17.9	+1.3
MSVF	Nonsavu	6.32 262	P	10 49 44.3	+6.7
RPZ	Rata Peaks	29.03 201	P	10 53 42.8	+0.6
RPZ	Afiamaul	4.62 49	Pn	10 49 17.9	+1.3
RPZ	6.1nm,0.7s,baz=89,slow=7.0,SNR=3.9		P	10 53 42.8	+0.6
WRW	Warramunga Arr	47.65 258	P	10 56 18.1	+1.1
WRW	0.7nm,0.3s,baz=94,slow=16,SNR=15		P	10 56 18.1	+1.1
WRW	0.7nm,0.3s,baz=97,slow=7.2,SNR=4.3		P	10 56 18.1	+1.1
ASAR	Alice Springs	47.83 253	P	10 56 19.2	+0.9
ASAR	2.8nm,0.5s,baz=89,slow=8.9,SNR=7.4		S	11 02 54.7	-1.4
ASAR	0.7nm,1.0s,baz=90,slow=12,SNR=4.5		S	11 02 54.7	-1.4
TXAR	Lajitas Array	83.06 57	P	11 00 00.7	-2.7
TXAR	0.2nm,0.7s,baz=229,slow=4.2,SNR=3.5		P	11 00 00.7	-2.7

IDC 01 10:57:47.3:0.8, 39:24N:73:50E, h0km, mb4.1/2/1, mbmp4.0/2/8, ML3.4/7, Error ellipse: s-maj=16.0km s-min=11.8km az=173.0
NEIC 01 10:57:49.9:2.7, 39:36N:0:06:73:48E:0.05, h10km, 1km, mb4.3/2/1, Error ellipse: s-maj=11.8km s-min=4.9km az=153.0
BUI 01 10:57:49.0:0.0, 39:20N:73:50E, h15km, mb4.2/5, ML3.6/3, Ms3.1/1, Ms7.3/0/1
MOS 01 10:57:49.2:1.6, 39:29N:73:49E, h17km, mb4.1/1/3, Error ellipse: s-maj=6.7km s-min=4.6km az=89.6
KRNET 01 10:57:50.2:0.1, 39:45N:73:38E, mb4.5
SOME 01 10:57:51.2, 39:60N:73:57E, h10km
NNC 01 10:57:53.8:1.1, 39:65N:73:52E, h0km, mb4.5, mpv4.0, Error ellipse: s-maj=8.6km s-min=4.7km az=176.0
ISC 01 10:57:48.0:1.3, 39:26N:0:03:73:35E:0.02, h2km, sgkm, n203, z28/09/257, mb4.1/3, 32C-21D, Tajikistan-Xinjiang border region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
DRK	Karamyk	1.22 281	Op	10 58 13.7	+1.2
DRK	baz=72		↑P	10 58 30.5	+0.7
DRK	Karamyk	1.22 281	Pn	10 58 13.3	+0.8
KSH	Kashi	2.05 92	Pg	10 58 45.1	-4.7
KSH			Smax	10 58 45.1	-4.7
KSH	comp=N,890nm,0.7s		Smax	10 58 45.1	-4.7
BTk	Batken	2.11 293	Pn	10 58 25.8	+1.3
BTk	Batken	2.11 293	Pn	10 58 25.8	+1.3
GAR	Garm	2.38 265	↑P	10 58 33.2	-0.4
GAR	baz=60		↑P	10 59 04.4	0.0
GAR	Garm	2.38 265	Pg	10 58 33.2	-0.4
GAR	Garm	2.38 265	↑P	10 58 33.2	-0.4
GAR	Garm	2.38 265	↑P	10 59 04.4	0.0
TRKS	Terek-Say	2.83 324	↑P	10 58 35.9	+1.5
TRKS	baz=21		↑P	10 59 02.0	0.0
TRKS	Terek-Say	2.83 324	↑P	10 59 35.9	+1.5
TRKS			↑S	10 59 02.0	0.0
AML	Almayashu	2.88 5	P	10 58 36.8	+1.4
AML	Almayashu	2.88 5	↑P	10 58 36.8	+1.4
AML			↑S	10 59 10.9	+0.1
UCH	Uchtor	3.09 16	P	10 58 39.7	+1.4
UCH	Uchtor	3.09 16	↑P	10 58 40.0	+1.7
UCH	baz=17		↑P	10 59 16.2	+0.1
UCH	Uchtor	3.09 16	↑P	10 58 40.0	+1.7
UCH			↑S	10 59 16.2	+0.1
CHGR	Chuyangaron	3.33 261	↑P	10 58 46.2	-1.6
CHGR	baz=58		↑P	10 59 27.4	-1.4
CHGR	Chuyangaron	3.33 261	Pn	10 58 46.2	-1.6
CHGR	Chuyangaron	3.33 261	Pn	10 58 46.2	-1.6
EKS2	Erkin-Say	3.41 5	P	10 58 44.5	+2.1
EKS2	Erkin-Say	3.41 5	↑P	10 58 44.1	+1.7
EKS2	baz=5.0		↑P	10 59 23.4	-0.2
EKS2	Erkin-Say	3.41 5	eP	10 58 44.1	+1.7
AAK	Ala-Archa	3.48 14	P	10 58 45.9	+2.5
AAK	Ala-Archa	3.48 14	Pn	10 58 45.9	+2.5
AAK	13nm,0.3s,baz=184,slow=7.5,SNR=80		Lg	10 59 27.0	
AAK	9.5nm,0.3s,baz=140,slow=22,SNR=1.4		Lg	10 58 45.2	+1.8
AAK	83nm,0.6s		↑P	10 59 25.2	-0.1
AAK	Ala-Archa	3.48 14	↑P	10 58 45.2	+1.8
AAK	Ala-Archa	3.48 14c	↑P	10 58 45.2	+1.8
MRKS	Merke	3.48 358	eP	10 58 49.8	-0.6
MRKS			eS	10 59 32.2	-1.1
MRKS	363nm,0.3s	3.48 358	Pg	10 58 49.8	-0.6
MRKS	Merke		Lg	10 59 32.2	-1.1

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PESTR, Estremoz, Marv??o, Vaqueiros, etc.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ESPARROS, MONTOLIEU, STE CROIX, PRU 01, etc.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TKM2, USP, KST, DGS, etc.

Table with columns: SHLS, BLB, BLB, BLB, PDGK, PDGK, KTMS, KTMS, KTMS, DJR, DJR, DJR, MKAR, MKAR, KURBB, KURBB, AB31, AKTO, AKTO, AKTO, ZALV, BRTR, AKASO, FINES, ARCES, HFS, KSRS, NB2, NOA, MJAR, TORD, YKA, WRA, ASAR. Includes station names, coordinates, and various codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes DDA 01 11:32:57.6, 0.0, 49N, 31.55E, h7km, 2km, ML1.7, Turkey.

TAP 01 11:40:48.9, 24.13N, 121.60E, h63km, ML3.1, B
JMA 01 11:40:50.1, 0.1, 24.22N, 0.7, 121.7E, 0.7, h44km, 1km,
MUZ 01 11:40:49.6, 1.2, 24.11N, 0.02, 121.68E, 0.02, h56km, 5km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes ETL, TWD, TWD, NACB, NACB, HWA, ETHL, ETHL, ENUT, ENUT, EWUT, ESL, WHF, WHF, NNSB, NNSB, FUSS, FUSS, NNS, NNS, NNS.

Main table with columns: LATG, LATG, CHGB, CHGB, TWT, TWT, EGFH, EGFH, TDCB, TDCB, TWC, TWC, NDS, WUSB, WUSD, WVDW, WVDW, TWE, TWE, YHNB, YHNB, YHNB, YHNB, NSK, HGSD, FUSB, FUSB, EHY, NWLT, NWLT, WHP, WHP, WCS, NFF, NFF, SSSL, SSSL, SMLT, NTC, TYC, TYC, YULB, LIOB, NNST, NNST, EYUL, TWQ1, TWQ1, TWQ1, NHDH, NHDH, TIPP, TIPP, TWA, TWA, NSY, NSY, YUS, YUS, WJS, WNT, TWB1, TWB1, TWB1, NWF, NWF, FULB, FULB, ALS, ALS, SX11, TWS1, YMO1, YMO1, ELDTW, ELDTW, ELDTW, WDLH, EDH, EDH, EDH, JYNG, JYNG, WRL, STYH, STYH, STYH, TPUB, TPUB, TPUB, TPUB, YOJ, YOJ, YOJ, YOJ, YOJ, LONT, WTP, WTP, WTP, TWG.

Table with columns: TWG, TWGBT, CHN1, CHN1, SGST, LDUT, WSL, ICHU, PCYT, SCST, TSMG, MASBT, EAST, IRIF, IRIF, HATJ, HATJ, PNG, WDGJ, LAY, JKRS, JKRS, JWUC, JWUC, JIJ, JIJ, JIJ, PTM, JTJ, JIRB, JIKM, JIMJ. Includes station names, coordinates, and various codes.

DJA 01 12:13:18.0, 0.4, 5, 5, 13, 0E, h192km, 16km, M4.2/11,
mB4, 1/5, mB4, 0/1, MLV4, 2/11, Mw(MB)3.8/1
IDC 01 12:13:20.7, 3.5, 4, 8, 5, 130, 74E, h227km, 60km, mb2, 8/1,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes MSAI, FAKI, NLAI, SIJI, SIJI, SWI, SANI, LBMI, BAKI, WRA, WRA, WRA, WRA, WRA, WRA.

KRSC 01 12:30:59.9, 1.9, 49N, 157.25E, h18km, 28km, ML4.1, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes PAU, PAU, PAU, KDR, KDR, ASAK, RUS, RUS, RUS, MTRV, MTRV, GRL, KRMP, DALK, DALK, DALK, UGLR, AVH, SWAR, KOK, SDLR, KRER, KRX, SPN, GNL, KIL, MKZ.

DJA 01 12:31:37.8, 0.8, 3, 4, 14, 0E, h77km, gkm, M3.6/6, mb3.8/1, MLV3.6/6, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes GENI, GENI, SMPI, WAMI, WAMI, SRPI, MPMI.

MDD 01 12:35:09.0, 0.7, 35.52N, 3.83W, h0km, mb_Lg1.8/4, Error ellipse: s-maj=6.7km s-min=4.2km az=133.0, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes EALB, EALB, EALB, EMIJ, EMIJ, EMIJ, ELGU, ELGU, EBER, EBER, EBER.

MDD 01 12:35:14.2, 0.3, 37.80N, 3.22W, h0km, mb_Lg1.7/9, Error ellipse: s-maj=3.3km s-min=2.4km az=120.0, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes EQES, EQES, EQES, EQU, EQU, EQU, EBER.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical data for stations like MJAR, KRSRS, KLR, H1N12, etc.

IDC 01 13:18:14.0.0.7, 14.05S, 165.55E, h0km, mb4.2/13, mblmp4.3/16, ML4.2/3, MS3.5/13, Error ellipse: s-maj=21.8km, m-lag=16.5km, az=97.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical data for stations like KOUAC, LIFNC, HNR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical data for stations like TBI, KAPI, MORW, TAOE, etc.

KOLA 01 13:25:50.8, 67.56N; 179.75E, h0km, ML2.3, IED 01 13:25:52.0, 67.80N; 179.95E, h0km, ML2.0, Explosion

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical data for stations like RATU, HARU, KOFV, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical data for stations like FINES, NOA, HFS, etc.

IDC 01 13:30:34.0, 1.3, 2.3, 93S; 66.75W, h195km, 11km, mb2.9/4, mblmp3.5/8, Error ellipse: s-maj=23.5km, s-min=17.6km, az=42.0

GUC 01 13:30:34.0, 8.0, 23.99S; 67.28W, h225km, 11km, ML4.3, ISC 01 13:30:33.9, 9.2, 23.99S; 67.05, 66.90W, 0.09, h205km, 11km, n26, e125/41, mb3.0/4.7, Jucuy Province

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical data for stations like AF01, LVC, LVC, etc.

GUC 01 13:41:42.8, 0.7, 30.68S; 71.72W, h33km, 2km, ML3.5, 2C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical data for stations like CO06, CO06, CO02, etc.

MKAR Makanchi Array 46.62 307 P P 14 02 44.7 0.0
WRA Warramunga Arr 50.09 186 P P 14 03 11.6 +0.5
ASAR Alice Springs 53.82 186 P P 14 03 39.3 +1.1
ARCES ARCES Array B 69.80 340 P P 14 05 24.5 +1.8
FINES FINES Array B 74.07 333 P P 14 05 48.6 +0.8

DNK 01 13:57:41.6±2.1, 60.32N±16.27E, h5km±6km, ML3.3, Suspected explosion!
HEL 01 13:57:41.6±2.1, 60.33N±16.24E, h1km, ML2.3

IDL 01 13:57:41.6±1.8, 60.27N±16.24E, h0km, mblmp2, 8/3, ML2.2/3, Error ellipse: s-maj=30.2km s-min=7.4km az=1.0
BER 01 13:57:43.0±0.2, 60.31N±16.35E, h0km±2km, ML1.8, ML2.7(UPP)
ISC 01 13:57:40.6±0.7, 60.34N±0.02±16.24E±0.02, h0km, m67, #1917100, 12D, Sweden

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Lists seismic stations like FALU, IGGO, UPPSA, etc.

comp=Z,0.6nm,0.8s

IDC 01 13:58:36.5±0.8, 32.70N±142.05E, h0km, mb3.7/8, mblmp3.7/11, ML3.7/3, MS3.1/8, Error ellipse: s-maj=26.0km s-min=17.9km az=83.0
JMA 01 13:58:37.6±0.2, 32.70N±141.96E, h24km, MV3.7/33, E OFF HACHUJOJIMA ISLAND
NIED 01 13:58:37.6±0.2, 32.70N±141.96E, h24km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; M1: 4.1; M2: -0.03; M3: 1.38; M4: 0.15; M5: 0.05; M6: -0.48; Fault plane solution: M1: 48000x10^15 NP1: 3.00000°, 36.00000°, 98.00000°. NP2: 173.00000°, 65.00000°, 84.00000°.
ISC 01 13:58:41.1±0.7, 32.74N±0.05±141.89E±0.07, h35km, m39, #1917137, mb3.6/9, MS3.1/5, Southeast of Honshu

TAP 01 14:40:45.8, 24.80N±122.30E, h18km, ML3.5, C
JMA 01 14:40:46.4±1.0, 24.78N±0.9±122.3E±0.4, h42km±3km, MV3.1/9, TAIWAN REGION

ISC 01 14:40:45.4±1.0, 24.78N±0.02±122.34E±0.02, h16km±8km, m88, #063/119, 2D, Taiwan region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Lists seismic stations like JHJ2, JHJ3, JHJ4, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Lists seismic stations like YON, WWA, TWA, etc.

Table with columns for station code, name, frequency, time, mode, and other details. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, SEKA Sheki, etc.

Table with columns for station code, name, frequency, time, mode, and other details. Includes stations like BELG comp=Z.70nm,0.7s, DUBU DHUBRI, KHBZ Khabaz, etc.

Table with columns for station code, name, frequency, time, mode, and other details. Includes stations like IRK Irkutsk, SONM Songrio Array, SONM Nevmogore, etc.

Table with columns for station code, name, coordinates, and performance metrics. Includes stations like DL2, KSP, DPC, OSTO, KRUC, etc.

Table with columns for station code, name, coordinates, and performance metrics. Includes stations like LJU, GERES, GERTS, etc.

Table with columns for station code, name, coordinates, and performance metrics. Includes stations like BJO1, TBLU, NRCA, etc.

2016 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBS, BCLA, MNSI, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PBDV, PNCL, PFVI, etc.

Table of station data for page 43, including call signs (NEA2, TCOL, COLA, etc.), station names, frequencies, and technical specifications.

Table of station data for page 2016 JUL, including call signs (R17K, S14K, TSUM, etc.), station names, frequencies, and technical specifications.

Table of station data for page 15d 15h, including call signs (BBB, PKME, ULM, etc.), station names, frequencies, and technical specifications.

IDC 01 15:23:25.6; 7.8, 22°80'N, 142°48'E, h33km, mb3.6/7, mbmp3.8/8, ML3.8/1. Error ellipse: s-maj=45.0km s-min=18.5km az=97.0

ISC 01 15:23:25.7; 0.9, 22.79°N, 0.1; 0.142; 5E, 0.3, h35km, m15, 0563/10, mb3.8/7, Volcano Islands region

Table of station data for page 15d 15h, including call signs (JCJ, H1N1, H1N2, etc.), station names, frequencies, and technical specifications.

IDC 01 15:36:40.5; 2.9, 17.52°N, 46.93°W, h0km, mb3.8/7, mbtmp3.8/7, MS3.4/1. Error ellipse: s-maj=109.8km s-min=23.6km az=6.0, Northern Mid-Atlantic Ridge

Table of station data for page 15d 15h, including call signs (H05S1, SDV, ATAH, etc.), station names, frequencies, and technical specifications.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASCENSION HYDRM, MDT, H10S3, H10S2, DBIC, TORO, KEST, TXAR, PDAR, NVAR, EIL, KVAR, KBZ, MBAR, ILAR, LSZ, BOSA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GERM, GIDE, IPRN, ISRB, ZNUK, CHTH, DAMV, ISHM, IDMV, MRVT, IFIR, ILAS, IRAZ, IANJ, IAKL, IAKL.

TEH 01 15:45:35.5, 39°00'N, 151°54'E, h10km, ML3.7, Caspian Sea
IDC 01 16:43:44.9, 1.2, 63°00'N, 150°85'W, h119km, 16km, mb3.4/3, mb1m3.7/6, Error ellipse: s-maj=2.5km s-min=10.3km az=108.0

NEIC 01 16:43:46.6, 0.7, 63°06'N, 150°88'W, 0.08, h130km, 2km, Error ellipse: s-maj=5.8km s-min=5.1km az=185.0
ANF 01 16:43:47.0, 0.1, 63°05'N, 150°86'W, h121km, 1km, ML3.5/80, ML3.5/79, Error ellipse: s-maj=1.0km s-min=0.9km az=92.0

AEIC 01 16:43:47.1, 3.6, 63°07'N, 150°89'W, 0.08, h119km, 5km, ML3.2, ML3.4/176(NEIC), Error ellipse: s-maj=5.4km s-min=5.1km az=185.0
ISC 01 16:43:46.3, 0.8, 63°06'N, 150°89'W, 0.03, h131km, 5km, n334, 0.861/320, mb3.7/3, Central Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THOR, TRF, KTH, PPLA, CAST, CAST, CAST, CUT, CUT, CUT, WAT7, WAT7, RND, RND, RND, BPAW, BPAW, BPAW, CHUM, CHUM, CHUM, WAT1, WAT1, WAT1, MCK, MCK, MCK, MCK, SKT.

Table with columns: SKT, Station Name, Az, Phase ID, Time, Res. Includes stations like SKW, BWN, M22K, M22K, K20K, K20K, L20K, L20K, L20K, WAT6, WAT6, M20K, M20K, M20K, GHO, GHO, DHY, DHY, DHY, DHY, SUA, SUA, SUA, STLK, PMR, PMR, PMR, NEA2, NEA2, SML, SML, SML, J20K, J20K, J20K, SPCG, WRH, SPCP, SPCB, M23K, M23K, M23K, FIS, SPWE, SPU, SPCR, MLY, MLY, M19K, M19K, M19K, KNK, KNK, KNK, L19K, L19K, L19K, RC01, RC01, RC01, SCM, SCM, SCM, CCB, CCB, I21K, I21K, I23K, I23K, HDA, HDA, HDA.

Table with columns: HDA, Station Name, Az, Phase ID, Time, Res. Includes stations like HDA, MDM, TCOL, TCOL, TCOL, COLA, COLA, COLA, CAPN, PS08, TTA, TTA, TTA, PS10, TT01, M24K, M24K, M24K, IL31, ILAR, ILAR, ILAR, ILAR, RSO, RSO, RSO, RIDG, RIDG, RIDG, KLU, KLU, KLU, N19K, N19K, N19K, H23K, H23K, H23K, PS06, H22K, H22K, JPK, J25K, J25K, J25K, J25K, SEW, SEW, H24K, H24K, DIV, O20K, O20K, FID, DOT, GCSA, GCSA, IM03, IMAR, IVE, SCRK, SCRK, SCRK, MENT, MENT, ILSW, ILSW, ILSW, N25K, N25K, N25K, N25K, BRLK, BRLK, BRSE, BRSE, N18K, N18K, N18K, HIN, L26K, L26K, EYAK, EYAK, CNPM, CNPM, CNPM.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time. Includes stations like J26L Joseph Creek, J26L Nabesna, AK, J26L Nabesna, AK, J26L Joseph Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time. Includes stations like TABL Table Mountain, TABL Table Mountain, TABL Table Mountain, etc.

Code Station Name Az El Op Phase ID Time Res h m s ISC
STKA Stephens Creek 45.39 240 P ISC 16 52 36.6 -0.4
WRA Warramunga Air 51.22 256 P 16 53 22.1 -0.2
ASAR Alice Springs 51.49 252 P 16 53 24.4 +0.1

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time. Includes stations like KSMSS Slide Mountain, KMPM Mount Pierce, JCC Jacoby Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time. Includes stations like GPM Pine Mountain, LTM Tuscan Springs, GDM Castle Rock Sp, etc.

Code Station Name Az El Op Phase ID Time Res h m s ISC
MKAR Makanchi Array 13.45 348 Op Pn 16 54 09.6 -2.3
ZALV Zalesovo Beam 20.27 357 P LR 16 55 36.4 -0.4
ZALV Zalesovo Beam 20.27 357 LR LR 17 04 41.8

Code Station Name Az El Op Phase ID Time Res h m s ISC
RPN Rapa Nui 13.70 308 LR LR 17 05 42.9
RP20 Isla de Pascua 13.74 307 P T 17 01 58.7 -1.4
H03S2 Juan Fernandez 15.16 86 T T 17 17 47.1

1d 17h

Table of astronomical observations with columns for object name, coordinates, magnitude, and observation details. Includes objects like Juan Fernandez, Petrohue, Puyuhuaipi, Huala, Santo Domingo, etc.

Table of astronomical observations for SMTB Santa Maria do El Baul, QSPA South Pole Qu, and various other stations. Includes coordinates and observation parameters.

Table of astronomical observations for LIA LIA, GOKA anakkale-Gk, GADA Gvigeada, Dikili, Balikesir, Bur, etc. Includes coordinates and observation parameters.

1D 01 17:14:37.8; 0.7, 4.8; 0.9N; 28.2; 10.0W, h0km, mb4.1/16, mbtmp4.0/18, ML4.4/2, MS3.6/52, Error ellipse: s-maj=2.1km s-min=13.2km az=16.0 NEIC 01 17:14:39.8; 1.3, 4.8; 0.8N; 0.09; 26.0W; 0.1, h12km, 3km, az=157.0

Table of astronomical observations for MTE Manteigas, EKA Eskdalehir Ar, BORG Borganes, PМОZ Porto Moniz, etc. Includes coordinates and observation parameters.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Sonseca Array, Chambon-Forêt, Dourbes, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBZ Khabaz, MMAI Mount Meron Arr, T35A ARU, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DUG Dugway, Tooele, WRH Wood River Hill, NEAZ Nenana, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like FOR Forest, CMAR Chiang Mai, MORW Morawa, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like CPUP Villa Florida, CPUP Villa Florida, NIED 01, etc.

1d 18h

Table with columns: ID, Name, Location, Date, Time, Status, etc. Includes entries like H101 ASCENSION HYDR9.78 125, SWET Sewanee, R49A Shelbyville, etc.

2016 JUL

Table with columns: ID, Name, Location, Date, Time, Status, etc. Includes entries like KAN06 comp=Z,2.3nm,1.0s, KAN14 Manchester OK, KAN08 Anthony Ne Sta, etc.

MOOW

Table with columns: ID, Name, Location, Date, Time, Status, etc. Includes entries like MOOW Moose Ponds, TMUT Trail Mountain, WUAZ Wupatki, etc.

Table with columns: K20K, Telida, 83.06, 3/34, P, P, 18 42 47.0 +1.7, 18 42 55.6, 19 19 02.3, 19 17 24.4, 19 19 01.6, 19 21 09.6, 18 43 10.3 +0.6, 18 21 35.8, 19 31 03.4, 19 31 04.8, 18 49 22.8 -2.5

IDC 01 18:32:23.2, 4.17, 95Sx178.14W, h584km, 20km, mb2.7/4, mbtmp3.7/5, Error ellipse: s-maj=38.1km s-min=29.0km az=90.0, Fiji Islands region

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

PGC 01 18:36:28.0, 48:00N, 121:88W, h20km, ML3.4/35, ML3.4/35, 55km northeast of Seattle, Wa Washington SEA 01 18:36:28.0, 2.2, 48:00N, 121:88W, h20km, ML3.4/140, ML3.3/86(NEIC), Error ellipse: s-maj=3.2km s-min=2.8km az=134.0

PNSN 01 18:36:28.0, 48:00N, 121:88W, h20km, MD3.5, Fault plane solution: NP1p, 1000000, 645, 000000, A, 100, 000000 NEIC 01 18:36:27.8, 2.5, 48:04N, 102:121.89W, h0.03, h25km, 7km, Error ellipse: s-maj=2.8km s-min=2.6km az=97.0

ISC 01 18:36:27.7, 0.5, 48:01N, 102:121.90W, h0.02, h25km, 4km, h236, 114/296, Washington

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

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

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

IDC 01 18:45:59.6, 1.9, 59:88N, 153:58W, h103km, 19km, mb3.3/7, mbtmp3.7/12, Error ellipse: s-maj=21.4km s-min=17.9km az=23.0

NEIC 01 18:45:60.0, 1.8, 59:79N, 153:35W, h0.08, h131km, 4km, Error ellipse: s-maj=6.2km s-min=5.5km az=160.0

ANF 01 18:46:00.4, 0.2, 59:80N, 153:35W, h118km, 2km, ML3.5/62, Error ellipse: s-maj=1.8km s-min=1.5km az=153.0

AEIC 01 18:46:01.4, 59:80N, 153:36W, h0.08, h123km, 4km, ML3.3, mb4.1/7(NEIC), ML3.4/120(NEIC), Error ellipse: s-maj=6.2km s-min=5.5km az=142.0

ISC 01 18:46:00.9, 0.6, 59:79N, 153:35W, h0.03, h128km, 5km, n350, 1524/369, mb3.6/7, Southern Alaska

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, ISC. Includes stations like M27K Edge Creek, TABL Table Mountain, CHX Chair Hills, etc.

Code Station Name Az Az' Phase ID Time Res ISC
JMKH Ishinomakikubu 2.66 284 P Pn 18 47 06.9 +0.0
JKH JKH 18 47 36.5 -1.4 S Sn 18 47 08.7 +0.2
JIO JIO 18 47 40.1 -0.8 S Sn 18 47 08.7 +0.1
OFUJ OFUJ 2.79 301 P Pn 18 47 39.9 -1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKMJ Kesennunamotopy, JMK Ichinoseki, JOM Ohasama, etc.

Code Station Name Az Az' Phase ID Time Res ISC
Q2A Eagle Creek Divide 4.75 179 Pn Pn 19 10 54.0 -3.5
Q2A Eagle Creek Divide 4.75 179 Pn Pn 19 10 54.0 -3.5
Q2A Eagle Creek Divide 4.75 179 Pn Pn 19 10 54.0 -3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HWUT Hardware Ranch, TCUT Toone Canyon, EGMT Eagleton, etc.

Code Station Name Az Az' Phase ID Time Res ISC
HYBB Hyderabad (bro) 17.27 248 eP Pn 19 26 34.1 +1.4
HYBB Hyderabad (bro) 17.27 248 eP Pn 19 26 34.1 +1.4
HYBB Hyderabad (bro) 17.27 248 eP Pn 19 26 34.1 +1.4

Code Station Name Az Az' Phase ID Time Res ISC
JMKH Ishinomakikubu 2.66 284 P Pn 18 47 06.9 +0.0
JKH JKH 18 47 36.5 -1.4 S Sn 18 47 08.7 +0.2
JIO JIO 18 47 40.1 -0.8 S Sn 18 47 08.7 +0.1
OFUJ OFUJ 2.79 301 P Pn 18 47 39.9 -1.1

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like WMQ, BTO, HHC, TARG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KARP, WUR0, BWO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ULHL, CHMS, IUG, etc.

KRNET 01 19:26:14.4.0.1,39:45N:73:50E,mb3.5
SOME 01 19:26:18.5,39:70N:73:58E,h0km
NMC 01 19:26:22.9,2.8,39:83N:73:56E,h0km,mb3.7,mpv3.4,

TAP 01 19:32:31.9,24:52N:121:00E,h3km,ML0.6,C,Taiwan

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like NSTT, NSTT, NSTT, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ETL Fush Village, NACB Ninganchiao, TWD Chiawan, ETHL Xiulin Townshi, ETLH.

IDC 01 19:42:54.4:1.6,5:40S:147.26E,h224km,18km,mb3.4/9, mbtmp4.1/14, Error ellipse: s-maj=21.2km s-min=13.1km az=114.0

NEIC 01 19:42:55.3:1.6,5:47S:0.06:147.35E:0.10,h233km,4km, mb4.5/14, Error ellipse: s-maj=14.4km s-min=9.0km az=95.0

ISC 01 19:42:52.0:0.6,5:45S:0.06:147.22E:0.07,h200km,n48, c1578/48,mb3.7/11, Eastern New Guinea region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MANU Manus Island, PMG Port Moresby, RABL Rabaul, CTAO Charters Tower, KDU Kakadu, QIS Mount Isa, WRB Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, INKA Innaminka, BATI Baumata, OOD Oodnadatta, ARMA Armadale, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, TORD Torodi Ar. Bea.

KRNET 01 20:00:27.8:0.1,39.48N:73.65E,mb3.5 SOME 01 20:00:28.4,39.60N:73.53E,h5km NNC 01 20:00:33.4:3.2,39.70N:73.64E,h0km,mb3.6,mpv3.3, Error ellipse: s-maj=24.7km s-min=13.1km az=170.0

ISC 01 20:00:27.9:1.2,39.51N:0.05:73.69E:0.04,h10km,n44, c1597/72,15C-9D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OHH Osh, DRK Karamyk, BTK Batken, GAR Garm, UCH Uchtor, TRKS Terek-Say, EKS2 Erkin-Say.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MRKS Merke, MRKS Batken, MRKS Merke, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, KST Kasteek, KST Kasteek, KST Kasteek, SGDS Sogindy, SGDS Sogindy, DGS Degeres, DGS Degeres, MTBS Matube, MTBS Matube, TNSS Tian-Shan, TNSS Tian-Shan, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, MDOK Medeo, MDOK Medeo, BRLS Boroday, BRLS Boroday, BRLS Boroday, KTBS Karatobe, KTBS Karatobe, KUU Kurty, KUU Kurty, CHKK Chushkaly, CHKK Chushkaly, SATY Saty, SATY Saty, KURS Kuram, KURS Kuram, UZB Uzbekistan, UZB Uzbekistan, KPKS Kokpek, KPKS Kokpek, BTLS Baital, BTLS Baital, SHLS Shalkode, SHLS Shalkode, AB31 Abulak array, AB31 Abulak array.

KRNET 01 20:06:16.3:0.1,39.48N:73.80E,mb3.2 SOME 01 20:06:19.8,39.53N:73.65E,h5km NNC 01 20:06:21.4:1.6,39.60N:73.82E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=12.8km s-min=6.5km az=166.0

ISC 01 20:06:18.2:1.2,39.60N:0.05:73.65E:0.03,h10km,n41, c163/64,16C-5D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OHH Osh, OHH Osh, DRK Karamyk.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DRK Karamyk, BTK Batken, BTK Batken, GAR Garm, GAR Garm, UCH Uchtor, UCH Uchtor, TRKS Terek-Say, TRKS Terek-Say, MRKS Merke, MRKS Merke, MRKS Merke, KBK Karagaybulak, KBK Karagaybulak, CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, KST Kasteek, KST Kasteek, KST Kasteek, SGDS Sogindy, SGDS Sogindy, DGS Degeres, DGS Degeres, DGS Degeres, DGS Degeres, MTBS Matube, MTBS Matube, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, BRLS Boroday, BRLS Boroday, BRLS Boroday, BRLS Boroday, BRLS Boroday, KTBS Karatobe, KTBS Karatobe, KUU Kurty, KUU Kurty, KUU Kurty, KUU Kurty, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, SATY Saty, SATY Saty, SATY Saty, SATY Saty, SATY Saty, KURS Kuram, KURS Kuram, KURS Kuram, KURS Kuram, UZB Uzbekistan, UZB Uzbekistan, UZB Uzbekistan, UZB Uzbekistan, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, BTLS Baital, BTLS Baital, BTLS Baital, BTLS Baital, BTLS Baital, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, AB31 Abulak array, AB31 Abulak array, AB31 Abulak array, AB31 Abulak array, AB31 Abulak array, PDGK Podgomoye, PDGK Podgomoye, BLB Baldybastay, BLB Baldybastay, BLB Baldybastay, BLB Baldybastay.

KRNET 01 20:08:48.2:0.1,39.44N:73.61E,mb3.5 SOME 01 20:08:49.8,39.57N:73.70E,h5km NNC 01 20:08:54.5:1.9,39.72N:73.71E,h0km,mb3.7,mpv3.4, Error ellipse: s-maj=15.1km s-min=8.0km az=175.0

ISC 01 20:08:47.8:1.4,39.59N:0.04:73.65E:0.03,h2km,12km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IUG luzhny, KST Kastek, and various DGS and MKRS entries.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DRK batz=69, BTM Batken, and various TRKS and UCH entries.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KPXS 3.4nm, 1.8s, ARXS Arharly, and various SHLS and BLB entries.

SOME 01 20:15:49.4, 39.48N, 73.15E, h5km
KRNE 01 20:15:49.3, 0.1, 39.52N, 73.59E, mb3.1
NVC 01 20:15:52.3, 1.4, 39.53N, 73.47E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=10.9km s-min=5.2km az=176.0
ISC 01 20:15:51.3, 1.4, 39.62N, 0.05, 73.49E, 0.03, h3km, 12km,
n48, e24176, 17C-7D, Tajikistan-Xinjiang border region

NEIC 01 20:18:29.4, 2.5, 48.03N, 0.02, 121.92W, 0.03, h23km, 8km,
Error ellipse: s-maj=3.4km s-min=2.8km az=135.0
PGC 01 20:18:29.7, 48.00N, 121.89W, h18km, ML3.0, ML2.9/28,
55km northeast of Seattle, Wa Washington
SEA 01 20:18:29.7, 2.1, 48.00N, 0.02, 121.88W, 0.02, h18km, 2km,
ML3.0/124, ML2.9/82(NEIC), Error ellipse: s-maj=2.7km
s-min=1.9km az=147.0
ISC 01 20:18:29.2, 0.8, 48.01N, 0.01, 121.89W, 0.01, h18km, 2km,
n184, e089/239, Washington

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBPA Monroe Substat, MBPA, and various SHLS and BLB entries.

Table with columns: Station Name, Elevation, Frequency, Mode, and Signal Strength. Includes stations like CPW Capitol Peak, WTV Waterville, HNBB Haney, etc.

Table with columns: Station Name, Elevation, Frequency, Mode, and Signal Strength. Includes stations like NCRB Newcastle Ridg, WOSB Woburn, F10A Beach Ranch, etc.

Table with columns: Station Name, Elevation, Frequency, Mode, and Signal Strength. Includes stations like LTY Liberty, LTY Waterville, ETW Entiat, etc.

2016 JUL

Main table containing radio station call letters, frequencies, and other details. Includes columns for call letters, frequency, power, and coordinates.

1d 22h

Additional data or call letters for the first column of the table.

Table with columns: PZH, comp, pmax, pmax, ARCES, DPC, MAUC, VYHS, KHC, CKRC, GERES, BRTR, ESDC. Includes station names and coordinates.

SOME 01 22:44:41.0, 39:35N:73:60E, h5km
KRNET 01 22:44:44.3, 0.1, 39.46N:73:58E, mb3.2
NMC 01 22:44:50.7, 2.3, 39.75N:73:73E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=18.1km s-min=8.9km az=175.0

ISC 01 22:44:45.8, 1.0, 39.50N:0:05:73:55E:0.03, h10km, n52,
e249/87, 24C-12D, Tajikistan-Xinjiang border region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

Table with columns: MDOK, Medeo, 4.51, 35, eP, Pb, 22.46, 06.1, +0.9. Lists stations like MDOK, Medeo, KMedeo, etc.

ATH 01 23:13:10.8, 37:08N:20:69E, h16km, 1km, ML2.8/5, Error
ellipse: s-maj=3.1km s-min=1.1km az=45.0
THE 01 23:13:11.8, 37:12N:20:73E, h2km, 6km, ML2.9/4, Error
ellipse: s-maj=6.1km s-min=0.3km az=37.0

ISC 01 23:13:11.1, 1.1, 37.08N:0:04:20:69E:0.03, h10km, 10km,
n40, e1508/52, Ionian Sea

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LTHK, Lithakia, etc.

Table with columns: HPAC, Pachino, 4.49, 267, P, AML, Pn, 23.14, 21.2, +2.2. Lists stations like HPAC, Pachino, SSS, Sortino, etc.

NEIC 01 23:26:53.5, 1.3, 19N:0:1:94:80W:0:10, h10km, 1km,
mb4.5/53, Error ellipse: s-maj=21.7km s-min=11.8km
az=217.0

IDC 01 23:26:54.5, 5.3, 2:22N:95:15W, h0km, mb4.0/6,
mbmp4.0/6, MS3.4/14, Error ellipse: s-maj=136.7km
s-min=84.0km az=41.0

ISC 01 23:26:53.0, 0.9, 19N:0:1:94:7W:0:1, h10km, n83,
e074/60, mb4.4/30, MS3.5/12, Galapagos Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DUNO, Dulce Nombre, CMIG, Matias Romero, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include PKME Peaks-Kenny Pk, NEW Newport, RADR Rader Ridge, etc.

ANF 01 23:38:25.70, 2.0, 41.80N, 109.76W, h0km, ML3.7/14, Error ellipse: s-maj=3.3km s-min=1.3km az=93.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include TCUT Toone Canyon, BSUT Blindstream Ca, N16A Reses Ranch, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include CTU Camp Tracy, RWWY Rawlins, TPAW Teton Pass, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include HVU Hansel Valley, MPU Maple Canyon, P17A Butcher Ranch, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include P17A comp=E,197nm,0.6s, P17A comp=N,169nm,1.3s, K22A Casper, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include NLU North Lily Min, YPP Pitchstone Pla, BGU Big Grassy Mou, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include DUG Dugway, T00e1, DUG Dugway, T00e2, YUF Upper Falls, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include QLMT Earthquake Lak, RLMT Red Lodge, RLMT Red Lodge, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include ISCO comp=N,60nm,1.5s, ISCO comp=N,46nm,1.7s, ISCO comp=N,25nm,3.1s, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include ELK Eiko, LRM Limekiln Ridge, SPR3 Spring Creek 3, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include RSSD Black Hills, RSSD Black Hills, PKCU Pink Cliffs, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include LAO LASA Array, LAO LASA Array, LCMT Little Creek M, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include S11A Rachel, T25A Trinidad, BMO Blue Mountains, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include SHPR Sheep Range, J10A Beach Ranch, E10A Kaiserville, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include WALA Waterton Plateau, MOD Modoc Lakes, VCNR Virginia City, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include TXAR Lajitas Array, YKA Yellowknife Ar, ILAR Eielson Array, etc.

Code Station Name Az El Op Phase ID ISC Time Res. Rows include JHYU Hitachinakayam, JIHU Itakohorinchou, JHU Hitachi, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include JST Sammumatsuo, JST Sammumatsuo, JST Sammumatsuo, etc.

Table with columns: Station Name, Time, Az, El, Res, and various codes. Includes stations like MJAR, MJAJO, MJBBS, etc.

Table with columns: Station Name, Time, Az, El, Res, and various codes. Includes stations like EPHY, SVE, WRA, ARU, etc.

Table with columns: Station Name, Time, Az, El, Res, and various codes. Includes stations like KST, SGDS, DGS, etc.

NNC 02 00:06:17.0±2.1, 39.38N, 73.63E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=14.9km s-min=7.3km az=173.0

NEIC 02 00:17:54.5±1.6, 17.57S, 0.08W, 178.6W, 0.1, h519km±10km, mb4.7/21, Error ellipse: s-maj=15.0km s-min=10.5km az=61.0

IDC 02 00:17:57.5±3.7, 17.67S, 178.67W, h555km±20km, mb3.3/5, mbtmp4.0/27, Error ellipse: s-maj=124.9km s-min=25.2km az=141.0

ISC 02 00:17:55.7±0.6, 17.65S, 0.1±178.49W±0.08, h547km±n39, α134/39, mb4.6/13, Fiji Islands region

Table with columns: Code, Station Name, Time, Az, El, Res, and various codes. Includes stations like MSVF, AFJ, NIUE, etc.

mbtmp4.0/4, Error ellipse: s-maj=140.8km s-min=23.6km az=80.0, Banda Se...

IDC 02:00:23.43:0.7, 29.43N:81.23E, h0km, mb3.8/14, mtmp3.9/16, ML4.5/2, MS2.6/1, Error ellipse: s-maj=24.0km s-min=15.8km az=42.0...

NDI 02:00:23.46:4.2, 28.2948N:81.22E, h10km, ML4.0, mb4.4/40, Error ellipse: s-maj=15.5km s-min=10.9km az=41.0...

ISC 02:00:23.46:2.0, 29.47N:0.05:81.17E:0.04, h17km, n92, c1919/94, mb4.2/38, Nepal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like LGTI, PTH, DDI, NDI, BHK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BOK, LSA, THW, CEP, TURI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KK31, MK31, MKAR, CMAR, GEYT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KURB, ZAAO, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ZALV, SONM, AKASG, MLR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ECH, SENIN, BNI, KESRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like TOAO, TORO, TORO, TORO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BMAR, ILAR, J26L, RIDG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CO02, CO06, CO06, CO06, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ROCH, ROCH, ROCH, ROCH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BO04, BO03, AC02, AC01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like H03N2, H03N3, LVC, PLCA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like H11S2, H11S1, H11S3, etc.

NIED 02:00:25:29.1, 31.11N:128.65E, h7km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm...

JMA 02:00:25:29.1, 0.4, 31.1N, 0.7:12.9E, h7km, gkm, MW3.5/25, SW OFF KYUSHU, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like JSJ, KJC, KJC, KJC, etc.

IDC 02:00:45:11.2:8.3, 34.70N:22.01E, h0km, mb3.8/2, mtmp3.6/3, ML2.7/1, MS3.4/3, Error ellipse: s-maj=283.1km s-min=118.2km az=158.0...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KNDR, KNDR, ANKY, ANKY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KTHR, KTHR, KTHA, GVD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KTHA, GVD, GVD, GVD, etc.

KRNET 02:01:00.4:0.6:0.1, 39.45N:73.68E, mb4.3, IDC 02:01:00.4:1.1, 39.51N:73.38E, h0km, mb3.5/7, mtmp3.5/14, ML3.2/6, MS2.5/1, Error ellipse: s-maj=21.6km s-min=12.2km az=131.0...

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Canakkale, Ayv, Sigri, Parakevi, Ezine, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Manton Dam, Fak Fak, Kurat, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Rausu, Nemuroshibetsu, Kuril'sk, etc.

2d 1h

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like O16K Kokwok River B, O17K Koliganek Bris, N18K Kilae Peak, etc.

2016 JUL

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like ZAAO Zalesovo Array, ZAAO Zalesovo Beam, ZAAO Zalesovo Beam, etc.

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Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like KURK Kurchatov, KURK Kurchatov, KURB Kurchatov Arra, etc.

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like EDMD, NKC, NKC, ZST, ZST, ZST, etc.

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like CEY, PRK, MGRS, LJA, KNT, STAL, etc.

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like T47A, TIP, WVT, WVT, WVT, etc.

MOS 02 01:53:43.8 1.3 45:59N:148:02E, h133km, mb4.1/5, Error ellipse: s=ma1:13.2km s-min=7.4km az=65.7
IDC 02 01:53:43.6 0.9 45:64N:148:07E, h112km, 7km, mb3.4/10, mbmp3.8/13, Error ellipse: s=ma1:25.2km s-min=16.3km az=137.0

Table with columns: Code, Station, Name, Time, Res, and various codes. Includes stations like KUR, KUR, KUR, etc.

2016 JUL

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Misakicho, Golovnino, Nemuro, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Gulpinar-Canak, Canakkale, Ayy, etc.

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

ISK 02:01:53:57.4, 39:43N:25:93E, h14km, ML2.6/7
THE 02:01:53:58.2, 39:43N:25:92E, h2km, 1km, ML2.9/9, Error
ellipse: s-maj=2.0km s-min=0.6km az=169.0

ISK 02:02:01:03.9, 39:42N:25:91E, h7km, ML2.9/10
DDA 02:02:01:04.7, 0.0, 39:42N:25:96E, h9km, 1km, ML2.5
THE 02:02:01:04.6, 39:43N:25:91E, h2km, 1km, ML2.5/10, Error
ellipse: s-maj=1.8km s-min=0.6km az=170.0

INET 02:02:31:11.8, 1.6, 10:02N:85:56W, h0km, 5km, MW2.9
UICR 02:02:31:11.9, 0.7, 10:01N:85:64W, h8km, 4km, MW3.6
ISC 02:02:31:11.9, 1.2, 9.98N:0:06:85:63W, 0.08, h13km, 9km,
n21, 0:06:24, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzT, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CROK Carrier, RLO Rose Lookout, WMOK Wichita Mounta, etc.

INET 02 02:42:59.7+1.1, 12.27N-88.35W, h15km, 10km, MW3.3
SNET 02 02:43:00.0+1.1, 12.13N-88.30W, h18km, 6km, ML4.0
UCR 02 02:43:00.0+1.1, 12.11N-88.29W, h20km, 10km, ML3.9
IDC 02 02:43:01.3+2.2, 12.99N-87.71W, h0km, mb3.7/5,
mbtmp3.7/5, MS3.2/3, Error ellipse: s-maj=100.7km,
s-min=59.6km az=6.0
ISC 02 02:42:57.1+2.0, 12.01N-0.08-88.22W, 0.06, h12km, 13km,
n46, s191/62, mb3.9/5, MS3.2/3, Off coast of central

Table with columns: Code, Station Name, Az, AzT, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like America, CNCH Conchagua, CRIN El Ranchito, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, ASAR Alice Springs, etc.

KRNET 02 03:00:14.3-0.1, 39.40N-73.67E, mb3.5
NNC 02 03:00:19.3-1.4, 39.55N-73.71E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=10.1km s-min=5.7km az=173.0
SOME 02 03:00:24.9, 39.82N-73.58E, h0km
ISC 02 03:00:13.5-1.5, 39.37N-0.05-73.76E, 0.03, h2km, 12km,
n9, s284/77, 13C-17B, Tajikistan-Xinjiang border

Table with columns: Code, Station Name, Az, AzT, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, DRK Karamyk, BTK Batken, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MTBS Matlube, TNSN Tianshan, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BRLS Borolday, KTBS Karatobe, WRA Warramunga Arr, etc.

KRNET 02 03:06:35.5-0.1, 39.50N-73.63E, mb2.9
SOME 02 03:06:41.4, 39.78N-73.50E, h5km
ISC 02 03:06:38.1+2.3, 39.66N-0.09-73.48E, 0.05, h5km, 13km,
n12, s207/22, 10C-2D, Tajikistan-Xinjiang border

Table with columns: Code, Station Name, Az, AzT, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, DRK Karamyk, BTK Batken, etc.

MEX 02 03:42:39.8-0.6, 26.23N-110.82W, h5km, 17km, MD3.9
IDC 02 03:42:41.4, 26.41N-110.46W, h0km, mb3.6/2,
mbtmp3.5/7, ML3.6/5, MS3.3/19, Error ellipse:
s-maj=19.6km s-min=18.4km az=83.0
ECX 02 03:42:49.8-0.4, 27.08N-111.27W, h5km, 252km, MD3.8,
ML3.0

Table with columns: Code, Station Name, Az, AzT, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUYB Guaymas, TSIG Topolobambo, etc.

2d 3h

Table with columns: SLBS, LPR, TXAR, TXAR, TXAR, TXAR, PFO, ANMO, ANMO, NVAR, NVAR, ELK, PDAR, PDAR, CMIG, YBH, TBL, TBL, SADO, YKA, KDAK, ILAR, PPT, MDP, SHEM, LVC, SPITS, MSVF, ESDC, GUMO. Includes station names, coordinates, and times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Kazerun, AHRAM, SHI Shiraz, etc.

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

2016 JUL

NEIC 02 03:49:48.4, 1.7, 29.31N, 0.05, 51.29E, 0.05, h10km, 1km, mb4.8/14, mb_Lg4.6(TEH), ML4.4(THR), Error ellipse: s-maj=6.4km, s-min=7.8km, az=215.0

MOS 02 03:49:49.7, 0.9, 29.32N-51.36E, h36km, mb5.0/40, Error ellipse: s-maj=6.3km, s-min=3.6km, az=108.8

IDC 02 03:49:50.2, 2.4, 29.34N-51.39E, h29km, 15km, mb4.5/29, mbmtmp4.6/36, ML4.0/6, MS3.5/36, Error ellipse: s-maj=13.6km, s-min=10.3km, az=0.0

OMAN 02 03:49:51.2, 0.3, 29.34N-51.39E, h27km, 3km, mb5.6/23, mH.9/3, Error ellipse: s-maj=5.4km, s-min=1.1km, az=248.0

DSN 02 03:49:53.6, 1.3, 28.95N-51.43E, h10km, ML4.5/11, Error ellipse: s-maj=7.1km, s-min=7.1km, az=9.0

GLI 02 03:49:58.1, 0.0, 29.35N-51.32E, h30km

ISC 02 03:49:49.6, 0.4, 29.36N-51.03, 51.35E, 0.03, h20km, 3km, n771, r1931/763, mb4.9/222, MS3.6/40, 73C-19D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Kazerun, AHRAM, SHI Shiraz, etc.

ISC 02 03:43:28.0, 2.0, 9.59S-114.34E, h0km, mb3.7/7, mbmp3.7/7, Error ellipse: s-maj=90.1km, s-min=15.2km, az=52.0

DJA 02 03:43:32.4, 0.7, 10.1S, 7.11E, h10km, M4.2/17, mb4.3/1, ML4.4/4

ISC 02 03:43:32.9, 0.8, 9.73S-114.24E, 0.05, h31km, n23, r1933/25, mb3.7, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Jajag, Banyuw, Denpasar, etc.

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like AI Faqa, Dubai, Hasanabad, etc.

TEH 02 03:49:48.2, 29.35N-51.37E, h11km, ML4.6

Table of sports events with columns for event name, date, location, and status. Includes events like KZIT, MQOL, KBZ, KBL, KIV, etc.

Table of sports events with columns for event name, date, location, and status. Includes events like MILM, MILESTII MICI, RZN, SULA, etc.

Table of sports events with columns for event name, date, location, and status. Includes events like DMN, MK31, MKAR, MKAR, etc.

Table with columns for station name, coordinates, elevation, and status. Includes stations like SKDS, DPC, DPC, VSU, VSU, VSU, etc.

Table with columns for station name, coordinates, elevation, and status. Includes stations like APA, HFS, LVZ, LVZ, LVZ, etc.

Table with columns for station name, coordinates, elevation, and status. Includes stations like LOF, CWF, CWF, JSA, JSA, KMI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DBIC Dimbokro, KIC Kosan Boka, TIC Toumoudi, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BPAW Bear Paw Mtn., CHUM Lake Minchumin, I29M Ogilvie Camp, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BTK, GAR Garm, GAR baz=60, UCH Uchter, etc.

JMA 02 04:32:23.1±0.3, 28°N, 122°14'00"E, h524km, MV4.2/16, W OFF OGASAWARA
IDC 02 04:32:24.0±0.6, 28°05'N, 139°16'E, h505km, 8km, mb3.1/11, mbtp3.9/14, Error ellipse: s-maj=1.20km s-min=12.0km az=81.0
ISC 02 04:32:24.2±0.7, 28°11'N, 101°13'56"E, 0.1, h507km, n22, c059/24, mb3.5/11, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like CBIJ Chichi jima, CBJJ, CJC Chichijima, etc.

NSSP 02 04:35:12.0, 38°55'N, 143°55'E, h10km, Ms3.9
ISK 02 04:35:14.9, 38°59'N, 143°55'E, h5km, ML3.8/14
AZER 02 04:35:14.4±0.4, 38°59'N, 143°26'E, h10km, Error ellipse: s-maj=3.7km s-min=2.8km az=161.0
DDA 02 04:35:16.0±0.0, 38°59'N, 143°53'E, h7km, 3km, MW3.8
ISC 02 04:35:16.1±1.1, 38°59'N, 102°43'52"E, 0.02, h0km, 10km, n63, c1948/115, 4C-4D, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ERVC ERICIS-VAN, VANB Van, VANB, etc.

Table with 3 columns: Code, Station Name, and various parameters (e.g., BLIS, GURO, PERV, etc.)

TRN 02 04:35:29.6, 18.89N-64.97W, h155km
NEIC 02 04:35:31.8-1.0, 19.24N, 0.09:64.81W, 0.05, h38km, 54km,
Error ellipse: s-maj=13.3km s-min=5.7km az=199.0

Table with 3 columns: Code, Station Name, and various parameters (e.g., TBVI, STVI, SIVI, etc.)

Table with 3 columns: Code, Station Name, and various parameters (e.g., CBYP, HUMP, CDVI, etc.)

TUL 02 04:45:34.8-1.0, 36.16N, 0.02:96.73W, 0.03, h5km, 7km,
ML2.7, mb_Lg2.3/29(NIC), Error ellipse: s-maj=3.3km
s-min=2.9km az=87.0

NEIC 02 04:45:34.9-0.7, 36.18N, 0.02:96.74W, 0.03, h5km, 7km,
Error ellipse: s-maj=3.4km s-min=2.4km az=125.0

Table with 3 columns: Code, Station Name, and various parameters (e.g., QUOK, OK034, OK033, etc.)

NDI 02 05:04:14.3:2.4, 20.77N:93.98E, h80km, ML3.4,
mb4.3(NEIC)
NEIC 02 05:04:15.4-1.1, 20.81N:0.08:94.21E:0.09, h78km, 3km,
mb4.3/2.4, Error ellipse: s-maj=14.9km s-min=8.7km

Table with 3 columns: Code, Station Name, and various parameters (e.g., MZL, IMP, KOHI, etc.)

Table with 3 columns: Code, Station Name, and various parameters (e.g., SHL, GUWA, TURU, etc.)

TUL 02 05:04:53.0:3.0, 36.82N, 0.01:97.61W, 0.008, h6km, 5km,
ML3.2, mb_Lg2.76(NIC), Error ellipse: s-maj=1.9km
s-min=0.7km az=163.0

ANF 02 05:04:54.0:3.0, 36.78N:97.58W, h6km, ML3.4/1.1, Error
ellipse: s-maj=3.8km s-min=3.0km az=50.0

NEIC 02 05:04:54.0:3.0, 36.82N, 0.01:97.62W, 0.01, h5km, 1km,
Error ellipse: s-maj=3.0km s-min=1.9km az=323.0

Table with 3 columns: Code, Station Name, and various parameters (e.g., GC02, KAN13, KAN17, etc.)

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Bluff Creek, Westminister Rd, Dewep, Oklahoma City, etc.

NNC 02 05:12:52.9.1.3, 40.21N:78.05E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=8.9km s-min=7.0km az=177.0

KRNET 02 05:12:52.4.0.1, 40.40N:78.79E, mb3.3 SOME 02 05:12:56.8, 40.35N:78.00E, h5km

ISC 02 05:12:50.1.2.7, 40.10N:78.03E, 0.04, h1km, 13km, n46, e157/68, 13C-5D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Taragay, Kyrgyz, Kajisay, Ulahol, etc.

Main table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Maitube, KST, TKM2, KURS, UCH, etc.

IDC 02 05:24:35.3.1.2, 6.94S:132.25E, h0km, mb3.8/4, mbmp4.1/9, ML4.2/5, MS3.1/3, Error ellipse: s-maj=41.5km s-min=16.4km az=68.0

ISC 02 05:24:36.4.0.8, 7.04S:132.24E, 0.08, h10km, n21, e278/22, mb3.9/4, Tanimbar Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like BANI, KAP, COEN, WRAB, WRA, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Mount Isa, ASAR, ASAR, etc.

IDC 02 05:25:31.9.2.9, 35.13N:139.72E, h60km, 23km, mb3.3/2, mbmp3.8/3, ML4.1/1, Error ellipse: s-maj=75.5km s-min=13.8km az=61.0

JMA 02 05:25:31.2.0.2, 35.7N:0.6:140.0E:0.8, h69km, 2km, MV3.0/34, CENTRAL CHIBA PREF

JMA Feil i Ji at CENTRAL CHIBA PREF, ISC 02 05:25:31.7.1.0, 35.51N:0.06:140.03E, 0.05, h74km, 8km, n21, e150/22, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like JCN, JCN, TOK, JSMT, etc.

MOS 02 05:32:33.6.1.4, 46.43N:149.83E, h170km, mb4.4/3, Error ellipse: s-maj=19.7km s-min=8.0km az=57.9

NEIC 02 05:32:35.4.1.2, 46.5N:0.1:149.8E:0.1, h162km, 9km, mb4.1/12, Error ellipse: s-maj=22.0km s-min=10.4km az=147.0

SKHL 02 05:32:36.6.0.2, 45.50N:150.10E, h184km, 5km, mb4.8/3, msha5.5/3

JMA 02 05:32:36.9.0.7, 46.1N:3.15.0E, h173km, MV4.0/15, KURIL ISLANDS REGION

IDC 02 05:32:38.0.2.3, 46.63N:149.80E, h188km, 22km, mb3.1/7, mbmp3.8/12, Error ellipse: s-maj=35.6km s-min=12.9km az=142.0

ISC 02 05:32:35.9.0.7, 46.04N:0.09:150.0E:0.1, h200km, n78, e231/73, mb3.7/13, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Kuril'sk, KUR, KUR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NMR, AKK, JTKR, JAK, YSS, etc.

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

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

BUJ 02:05:35.46±0.0, 0.19:995x169.78E, h105km, mb5.1/62, mB4.9/34
IDC 02:05:35.47±0.0, 0.20:565S, 169.87E, h120km, 2km, mb4.9/31, mbmp5.2/33, MS3.8/37, Error ellipse: s-maj=9.1km s-min=8.0km az=144.0
MOS 02:05:35.47±0.0, 0.20:555S, 169.81E, h129km, mb5.2/28, Error ellipse: s-maj=7.9km s-min=7.8km az=1.2
NEIC 02:05:35.48±0.1, 0.20:565S, 0.08:169.82E, 0.07:1, h122km, 5km, mb5.4/32, Error ellipse: s-maj=12.2km s-min=9.2km az=161.0
NOU 02:05:35.49±0.0, 0.20:53S, 169.75E, h133km, mb5.3/84, Vanuatu Islands
GCMT 02:05:35.50±0.1, 0.20:63S, 0.01:169.75E, 0.01:1, h139km, 1km, MW5.2/136, Moment Tensor Solution. s91,c127, s136,c217; Duration: 1s0 Moment tensor: Scale 10^7 Nm; M0=0.56±0.1; M00=0.54±0.2; M01=0.02±0.2; M02=0.01±0.1; M03=0.39±0.2; M04=0.51±0.1; Best double couple: Mo=0.84000±0.017, NP1=0.27100000, 0.43000000, -1.13900000; NP2=0.14800000, 0.64000000, 1.55000000; Principal axes: T: 0.7990, P: 12.0000; Azm=214.0000; N: 0.0000; Pz: 1.0000; Azm31=1.0000; P: -0.8890, P: 0.6000; Azm10=0.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function
ISC 02:05:37.7±0.2, 0.20:555S, 0.04:169.85E, 0.03:1, h127km, 1km, h127km:pP-P, n932, c1s31/984, mb5.2/142, 31C-70D, Vanuatu Islands
Code Station Name Az Phase ID Time Res
MARNC Mare, Loyalty 1.94 241 P Op ISC h s ISC
MARNC Mare, Loyalty 1.94 241 P P 05 36 20.6 ±0.1
LIFNC LIFOU 2.46 264 Pn Pn 05 36 27.1 ±0.0
LIFNC LIFOU 2.46 264 P Pn 05 36 27.4 ±0.3
PINNC Pines Island, 3.04 227 Pn Pn 05 36 35.0 ±0.4
PINNC Pines Island, 3.04 227 Pn Pn 05 36 35.0 ±0.7
YATNC Mamie plateau, 3.15 241 P Pn 05 36 36.8 ±0.7

Table with columns for location (e.g., STIP, CONA), time (145.51 315), and status (iP, eP, PKP). Includes locations like KESW, KOVH, CKRC, DIVS, TEKS, etc.

Table with columns for location (e.g., WTTA, CLUD), time (148.03 329), and status (iP, eP, PKP). Includes locations like RCHB, KEK, BMRD, etc.

TRN 02 05:36:02.9, 1.072N-62.62W, h46km, MD3.4
FUNV 02 05:36:03.7, 1.066N-62.62W, h30km, MW3.4
ISC 02 05:36:02.7, 6.1, 1.066N-0.07-62.61W+0.04, h37km, gkm,

Table with columns for code (e.g., Code, STN), station name, and time (e.g., 1.19 20). Includes locations like Trinidad (W), CUMU, etc.

Table with columns for code (e.g., Code, STN), station name, and time (e.g., 0.75 27). Includes locations like Las Nubes, CERVO, etc.

Table with columns for code (e.g., Code, STN), station name, time, and phase. Includes locations like FUG, SCLA, ALCALDIA DE SA, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like TUL1 Leonard, RLO Rose Lookout, WMOK Wichita Mountain, AMTX Amarillo, and many others.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like ECSD EROS Data Cent, N41A Harden Midland, ISCO Idaho Springs, K38A Parkersburg, and many others.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like MILO Milagro-Astudi, MLO San Juan Bosco, AMIL Milagro (Trans), and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSCB Bom Sucesso, 237A Wachusetta, BG3 Lake Jocassee, etc.

IDC 02 06:35:45.0±2.8, 19°55'N, 145°71'E, h115km, 26km, mb3.7/12, mbtmp4.1/15, MS2.9/4, Error ellipse: s-maj=23.8km s-min=12.7km az=86.0

NEIC 02 06:35:46.2±0.8, 19°49'N, 0°08:145°7E±0.1, h118km, 6km, mb4.4/27, Error ellipse: s-maj=19.0km s-min=11.2km az=86.0

ISC 02 06:35:43.8±0.5, 19°16'N, 0°05:145°7E±0.1, h100km, n60, ±15/4/1, mb4.2/26, Mariana Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, TIXI Tiksi, etc.

IDC 02 06:54:27.3±3.6, 9°92'S, 113°25'E, h0km, mb3.3/3, mbtmp3.4/3, Error ellipse: s-maj=203.3km s-min=27.8km az=46.0

DJA 02 06:54:37.6±0.9, 9°53'±11°4E, h24km, 6km, M4.0/18, UG, 0.6/3, MLV4.0/18

ISC 02 06:54:36.1±1.1, 9°44'S, 0°07:113°9'E±0.05, h31km, n26, ±16/1/27, mb3.5/3, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAGI Jajag, GMJI Gumukmas, IGBI Denpasar, etc.

JMA 02 07:24:54.7±0.1, 26°16'N, 0°2:14°2E±1, h79km, MV3.8/7, NEAR CHICHIJIMA ISLAND, Bonin Islands region

ISC 02 07:31:15.6±1.1, 7°39'N, 0°07:73°70'E±0.04, h18km, 8km, n17, ±11/3/4, CC-6D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima, CBJJ Chichi jima, JHO Hitachi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAR Garm, GAR Garm, TRKS Terek-Say, etc.

IDC 02 07:49:22.6±2.1, 0°27'S, 125°11'E, h0km, mb3.1/3, mbtmp3.2/3, Error ellipse: s-maj=215.2km s-min=29.1km az=64.0, Southern Molucca Sea

IDC 02 07:52:54.9±1.6, 16°66'S, 69°62'W, h177km±15km, mb2.9/3, mbtmp3.4/4, Error ellipse: s-maj=33.7km s-min=25.3km az=110.0

ISC 02 07:52:53.0±1.2, 16°76'S, 0°09:69°9'W±0.1, h150km, n6, ±38/17, mb3.2/3, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, LVC Limon Verde, etc.

IDC 02 07:57:39.4±1.8, 2°79'N, 127°22'E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=151.5km s-min=22.5km az=67.0, Northern Molucca Sea

IDC 02 07:57:39.4±1.8, 2°79'N, 127°22'E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=151.5km s-min=22.5km az=67.0, Northern Molucca Sea

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

IDC 02 08:04:07.4±0.9, 31°69'S, 178°02'W, h0km, mb4.1/4, mbtmp4.1/6, ML4.1/2, MS3.5/12, Error ellipse: s-maj=30.9km s-min=21.3km az=103.0

NEIC 02 08:04:09.1±8.3, 31°79'S, 0°08:177°8'W±0.2, h10km, 1km, mb4.7/12, Error ellipse: s-maj=22.9km s-min=11.6km az=110.0

ISC 02 08:04:08.7±0.7, 31°78'S, 0°07:178°0'W±0.2, h10km, n52, ±11/1/37, mb4.5/9, MS3.1/11, Kermadec Islands region

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

Table with columns: STA, Charters Tower, Time, P, I, A, M, B, Res, etc. Includes stations like STKA Stephens Creek, BBOO Buckleboob, PMG Port Moresby, etc.

TAP 02 08:04:13.8, 24.06N, 122.70E, h40km, 1km, ML2, 6 D
JMA 02 08:04:14.3, 0.1, 24.12N, 122.65E, 0.3, h50km, 2km, 6

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

Table with columns: YULB Yu-li, YULB Yu-li, YULB Yu-li, etc. Includes stations like YULB Yu-li, YULB Yu-li, YULB Yu-li, etc.

DJA 02 08:10:16.3, 0.3, 2.52, 11.5E, h10km, M4.1/12, mb4.1/3, ML4.1/12, Borneo

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like MTKI Muara Tawah, BBKI Banjar Baru, etc.

IDC 02 08:21:50.5, 1.6, 31.53S, 177.96W, h0km, mb3.8/4, mbtmp3.9/6, ML3.9/2, MS3.2/4, Error ellipse: s-maj=39.3km

NEIC 02 08:21:52.8, 1.3, 31.72S, 0.09, 177.9W, 0.1, h10km, 2km, mb4.5/9, Error ellipse: s-maj=25.7km s-min=5.2km

IDC 02 08:21:52.0, 1.0, 31.82S, 0.08, 178.1W, 0.2, h10km, n26, r155/19, mb4.2/8, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like OUZ Omahuta, BKZ Black Stump Fm, etc.

BER 02 08:26:30.3, 3.4, 83.03N, 33.73E, h15km, ML2.4, ML3.1(NAO), Confirmed Earthquake

IEPN 02 08:26:34.0, 82.53N, 35.05E, h5km
ISC 02 08:26:26.7, 2.1, 82.1N, 0.1, 32.72E, 0.04, h10km, n18, r130/25, North of Svalbard

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like ZFIF Zemiya Franca, ZFI Zemiya Franca, etc.

Table with columns: SPAO, Spitsbergen Ar, Spitsbergen Ar, etc. Includes stations like SPAO Spitsbergen Ar, SPAO Spitsbergen Ar, SPAO Spitsbergen Ar, etc.

INET 02 09:07:07.3, 1.2, 11.66N, 87.42W, h15km, 13km, MW3.6
UCR 02 09:07:28.0, 0.4, 11.24N, 86.07W, h9km
ISC 02 09:07:01.1, 2.1, 11.43N, 0.07, 87.5W, 0.1, h10km, n14, r123/15, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like COPN Copalpete, CRIN San Cristobal, etc.

IDC 02 09:07:17.9, 2.7, 40.32N, 78.43E, h0km, mb3.6/1, mbtmp3.4/4, ML3.2/3, MS2.5/2, Error ellipse: s-maj=40.2km

KRNET 02 09:07:23.7, 0.1, 40.84N, 77.94E, h28km, mb3.7
SOME 02 09:07:23.5, 41.00N, 77.73E, h0km
NINC 02 09:07:26.4, 0.9, 41.00N, 80.07E, h0km, mb4.2, mpv3.8

Error ellipse: s-maj=6.8km s-min=4.4km az=172.0
ISC 02 09:07:22.6, 1.8, 40.89N, 0.07, 77.81E, 0.03, h12km, 10km, n76, r156/11, 20C-20D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like TARG Taragay, KDJ Kajiasy, etc.

2d 9h

Table with columns for station name, frequency, mode, and other parameters. Includes stations like KURS, TKM2, PDGM, and various ARX stations.

2016 JUL

Main table listing radio stations with columns for call sign, name, frequency, mode, and other details. Includes stations like MAKZ, MK31, CMAR, and TORO.

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Table listing radio stations with columns for call sign, name, frequency, mode, and other details. Includes stations like PLAI, BBSI, and various WRA stations.

ASAR	comp=Z,16m,0.8s,baz=315,slow=23,SNR=7.8	LR	LR	09 41 04.0
BLDU	comp=Z,507nm,20.4s,baz=309,slow=38			
KRJI	comp=Z,14m,0.7s	19.40 293 P	Pn	09 33 20.8 +1.0
BLDU	comp=Z,26umcomp=2,391nm,0.7s	20.50 186 P	P	09 33 31.1 +1.0
SMPI		20.96 69 P	P	09 33 36.0 +0.7
KLBR	comp=Z,20nm,0.9s	21.38 184 P	P	09 33 42.4 +2.8
MUN		21.90 187 P	P	09 33 45.5 +0.3
GENI	comp=Z,65nm,0.8s	22.09 72 P	P	09 33 49.7 +2.3
FORT		22.10 159 P	P	09 33 46.2 -1.1
FORST		22.10 159 P	IAMB	09 34 14.2
FORST	comp=Z,44nm,0.9s	22.10 159 P	P	09 33 47.9 +0.6
QIS		22.12 120 P	P	09 33 48.9 +0.8
MNSI		22.39 298 P	P	09 33 50.9 +0.2
NWA0	comp=Z,51mcomp=2,16m,0.7s	22.74 184 P	IAMB	09 33 54.0 -0.2
NWA0		22.74 184 P	IAMB	09 34 07.9
NWA0	comp=Z,31nm,0.9s	22.74 184 P	Pmax	09 33 54.0 -0.2
NWA0	comp=Z,31nm,0.9s	22.74 184 P	Pmax	09 33 54.0 -0.2
NWA0	comp=Z,31nm,0.9s	22.74 184 P	P	09 33 55.4 +1.2
IFM		23.25 308 P	P	09 33 58.7 +0.8
OOD		23.39 141 P	P	09 34 01.3 +0.8
COEN		23.70 102 P	P	09 34 02.3 -1.5
COEN		23.70 102 P	IAMB	09 34 16.1
COEN	comp=Z,27nm,0.8s	23.70 102 P	P	09 34 07.7 +3.9
LUBP		23.75 21eP	P	09 34 07.2 +3.0
RPSI		23.93 301 P	P	09 34 05.6 +0.3
RPSI		23.93 301 P	IAMB	09 34 14.9
PSI	comp=Z,37nm,0.9s	23.98 301 P	P	09 34 05.4 -1.3
PSI	comp=Z,11m,0.4s,baz=178,slow=3.5,SNR=12	24.21 51eP	P	09 34 05.7 -1.4
KULM		24.05 309 P	P	09 34 09.2 +1.2
TYG	Tagayay City	24.16 4 P	P	09 34 09.9 -1.9
LQP	comp=Z,1um,0.8s,baz=203,slow=6,SNR=29	24.21 51eP	P	09 34 06.9 -1.9
MACP	Maragondong, Ca	24.30 31jeP	P	09 34 10.2 +1.0
MULG	Mulgathing	24.32 148 P	P	09 34 11.4 +1.9
GSI	Gunungsati	24.39 297 P	P	09 34 08.2 -2.0
GSI		24.39 297 P	IAMB	09 34 17.7
TSI	comp=Z,64nm,1.4s	24.67 302 P	P	09 34 25.8 +1.3
KCSI	Tuntungan	24.67 302 P	P	09 34 21.3 +2.4
MTSU	Kotacane, Aceh	25.44 301 P	P	09 34 23.4 +2.7
SMRP	comp=Z,31nm,1.3s	25.55 111 P	P	09 34 23.3 +1.0
INKA	San Manuel, Pa	26.17 131jP	P	09 34 31.2 -0.2
LCKR	Innaminka	26.74 134 P	P	09 34 32.0 -0.1
BBOO	Leigh Creek	26.83 142 P	P	09 34 37.8 +0.9
BBOO	Buckleboe	27.36 148 P	P	09 47 55.4
PMG	Port Moresby	27.51 91 LR	LR	09 47 56.4
CTA	comp=Z,166nm,20.0s,baz=288,slow=42	27.84 114 LR	LR	09 47 56.4
CTA	Charters Tower	27.84 114 LR	LR	09 47 56.4
HTT	comp=Z,450nm,19.2s,baz=286,slow=41	29.39 145 P	P	09 34 56.9 +1.8
HTT	Hallett	29.39 145 P	P	09 34 56.7 +1.1
STKA	comp=Z,13nm,0.9s	29.92 140 P	P	09 48 57.0
STKA	Stephens Creek	29.92 140 P	P	09 48 57.0
STKA	comp=Z,3.3nm,0.8s,baz=308,slow=11,SNR=6.7	30.44 342 P	Pmax	09 35 00.6 +0.9
STKA	comp=Z,2.90nm,18.1s,baz=307,slow=40	30.44 342 P	P	09 35 07.0 +2.6
QIZ	Qiongzong	30.44 342 P	P	09 40 09.8 +7.0
QIZ		30.44 342 P	Pmax	
QIZ	comp=Z,92nm,6.0s		LR	
QIZ	comp=N,290nm,18.3s		LR	
QIZ	comp=E,200nm,23.1s		LR	
HKPS	comp=Z,230nm,16.7s		LR	
YULB	Hong Kong Po S	32.62 351 P	P	09 35 23.5 +0.1
YULB	Yu-li	33.40 33 P	P	09 35 29.1 -1.2
YULB		33.40 33 P	IAMB	09 35 31.2
ARPS	comp=Z,14nm,0.5s	33.46 146 P	P	09 35 32.7 +2.0
ARPS	Mount Arapiles	33.46 146 P	P	09 35 30.9 -2.7
EIDS	Eidsvold	33.76 121 P	P	09 35 40.6 -0.1
YOJ	Yonaguni jima	34.60 6 P	P	09 35 40.6 -0.1
YOJ	Yonaguni jima	34.60 6 P	Pmax	09 35 40.6 -0.1
GUMO	comp=Z,103nm,1.3s	34.68 48 LR	LR	09 48 04.9
GUMO	Guam	34.68 48 LR	LR	09 48 04.9
CMAR	comp=Z,34nm,20.5s,baz=220,slow=33	34.78 325 P	P	09 35 43.0 +0.6
CMAR	Chiang Mai Arr	34.78 325 P	P	09 38 16.6 +1.2
CMAR	comp=Z,8.2nm,0.6s,baz=153,slow=6.8,SNR=31	34.78 325 P	PcP	09 51 20.9
CMAR	comp=Z,1.2nm,0.3s,baz=186,slow=2.5,SNR=4.0	34.78 325 P	P	09 35 42.2 -0.2
CMAR	comp=Z,350nm,18.9s,baz=155,slow=39	34.78 325 P	P	09 35 43.0 +0.6
CMAR	Chiang Mai Arr	34.78 325 P	P	
CMAR	Chiang Mai Arr	34.78 325 P	Pmax	
CHTO	comp=Z,10.0nm,0.5s	35.06 325 P	P	09 35 44.5 -0.3
CHTO	Chiang Mai	35.06 325 P	IAMB	09 35 45.9
CHTO	comp=Z,13nm,1.1s	35.06 325 P	Pmax	09 35 44.5 -0.3
CHTO	Chiang Mai	35.06 325 P	Pmax	09 35 45.0 -0.2
CHTO	comp=Z,13nm,1.1s	35.06 325 P	LR	09 50 50.5
CHTO	Chiang Mai	35.06 325 P	LR	09 36 17.1 +3.9
JOW	Kunigami	37.79 13 LR	LR	09 36 28.3 -0.7
JOW	comp=Z,124nm,21.8s,baz=114,slow=35	38.39 342 P	P	
GYA	Guiyang	38.39 342 P	P	
GYA		38.39 342 P	sP	
GYA		38.39 342 P	Pmax	
GYA	comp=Z,26nm,1.0s		LR	
KMI	comp=Z,240nm,24.4s	38.58 336 P	P	09 36 18.0 +3.1
KMI	Kunming	38.58 336 P	sP	09 36 25.2 -0.8
KMI		38.58 336 P	S	09 42 14.6 +6.1
KMI		38.58 336 P	Pmax	
KMI	comp=Z,14nm,0.9s		LR	
KMI			LR	
KMI	comp=N,110nm,16.1s		LR	
KMI			LR	
KMI	comp=E,98nm,8.9s		LR	
KMI			LR	
PZH	comp=Z,180nm,14.2s	40.21 335 P	P	09 36 28.9 +0.5
PZH	PanZhihua	40.21 335 P	Pmax	
PZH		40.21 335 P	Pmax	
PZH	comp=Z,10.0nm,0.6s		Pmax	
PZH			Pmax	
WHN	comp=Z,60nm,4.5s		Pmax	
WHN	Wuhan	40.73 354 P	P	09 36 34.1 +1.6
ENH	Enshi	41.27 347 P	P	09 36 37.2 +0.2
NJ2	Nanjing	41.97 359 P	P	09 36 42.8 +0.3
NJ2		41.97 359 P	sP	09 36 44.6 -9.1
NJ2		41.97 359 P	Pmax	
PALK	comp=Z,8.0nm,0.6s	42.11 293 P	P	09 36 42.9 -1.3
PALK	Pallekele	42.11 293 P	P	09 54 56.0
PALK	comp=Z,8.7nm,0.5s,baz=195,slow=14,SNR=6.6	42.11 293 P	LR	
PALK	comp=Z,159nm,20.7s,baz=228,slow=37	42.11 293 P	LR	
PALK	comp=Z,8.7nm,0.5s	42.11 293 P	P	09 36 42.6 -1.6
PALK	Pallekele	42.11 293 P	IAMB	09 36 45.8
PALK	comp=Z,28nm,1.1s	42.11 293 P	P	09 36 43.4 -0.7
PALK	Pallekele	42.11 293 P	Pmax	
PALK	comp=Z,17nm,0.9s	42.11 293 P	P	09 36 44.9 +0.7
PALK	Pallekele	42.11 293 P	P	09 36 54.3 -0.4
CD2	Chengdu	43.45 340 Pmax	Pmax	
CD2	comp=Z,50nm,0.5s		Pmax	
SHL	Shillong	44.39 324 P	P	09 37 01.1 -1.4
SHL		44.39 324 P	IAMB	09 37 02.5
SHL	Shillong	44.39 324 P	P	09 37 01.1 -1.4
SHL		44.39 324 P	Pmax	
LYN	comp=Z,22nm,1.0s	44.92 352 P	P	09 37 08.4 +2.1
LYN	LuoYang	44.92 352 P	LR	
LYN	comp=E,110nm,14.7s		LR	
LYN			LR	
LYN	comp=Z,120nm,13.2s		LR	

XAN	Xi'an	45.03 348 P	P	09 37 06.6 -0.7
H0S2	Diego Garcia H	46.23 269 T	T	10 26 33.9
H0S3	Diego Garcia H	46.24 269 T	T	10 26 35.5
H0S1	Diego Garcia H	46.25 269 T	T	10 26 35.3
DZM	mont Zsumac	46.69 111 eLR	LR	09 50 31.4
LSA	Lhasa	47.99 327 P	P	09 37 30.7 -0.4
LSA	Lhasa	47.99 327 P	P	09 37 30.7 -0.4
LSA		47.99 327 Pmax	Pmax	
KSR	comp=Z,15nm,0.6s	48.03 9 P	P	09 37 30.7 0.0
KSR	Wonju Array Be	48.03 9 P	P	09 37 30.7 0.0
KSR	Wonju Array Be	48.03 9 P	P	09 37 30.7 0.0
KSR	Wonju Array Be	48.03 9 P	P	09 37 30.9 +0.1
KSR	Wonju Array Be	48.03 9 P	P	
KSRS	comp=Z,2.2nm,0.6s,baz=189,slow=8.3,SNR=15	48.23 343 eP	PcP	09 38 59.8 +1.5
KSRS	comp=Z,2.6nm,0.7s,baz=188,slow=3.5,SNR=6.0	48.23 343 eP	P	
LZH	Lanzhou	48.23 343 eP	P	09 37 32.9 +0.4
LZH		48.23 343 eP	sP	09 37 41.5 -2.3
LZH		48.23 343 eP	sP	09 37 48.0 -0.5
LZH		48.23 343 eP	PcP	09 39 02.0 +2.8
LZH		48.23 343 eP	Pmax	
LZH	comp=Z,20nm,1.0s		LR	
LZH	comp=N,140nm,14.1s		LR	
LZH	comp=E,140nm,9.8s		LR	
LZH			LR	
GUN	Gumba	49.75 320 eP	P	09 37 43.8 -0.7
LMAR	Lubang	49.75 320 eP	P	09 37 42.2 -1.7
LMAR	Matsushiro Arr	49.75 320 eP	P	09 57 13.4
LMAR	comp=Z,69nm,22.0s,baz=200,slow=34	49.75 320 eP	P	
LMAR	comp=Z,3.4nm,0.9s,baz=185,slow=8.4,SNR=8.7	49.75 320 eP	P	
LMAR	Matsushiro Arr	49.75 320 eP	P	09 37 43.6 -0.4
PKI	Pulchokki	49.81 320 eP	P	09 37 43.8 -1.2
PKIN	Phulchokki	49.82 320 eP	P	09 37 43.7 -1.3
BJT	Baijietau	50.00 357 P	P	09 37 45.0 -0.7
BJT		50.00 357 P	IAMB	09 37 55.4
BJT	comp=Z,11nm,0.7s	50.00 357 P	P	09 37 45.0 -0.7
BJT	Baijietau	50.00 357 P	Pmax	
BJI	Beijing	50.02 357 P	P	09 37 45.6 -0.2
BJI		50.02 357 P	Pmax	
DMN	Daman	50.03 319 eP	P	09 37 45.5 -1.1
KKN	Kakani	50.05 320 eP	P	09 37 45.5 -1.1
GKN	Gorkha	50.60 319 eP	P	09 37 49.7 -1.1
KOLN	Koldanda	51.12 318 eP	P	09 37 53.4 -1.3
HHC	Hu-ho-hao-te	51.24 353 eP	P	09 37 58.9 +3.7
HHC		51.24 353 eP	Pmax	
HHC	comp=Z,15nm,0.8s		Pmax	
HHC	comp=Z,130nm,9.2s		Pmax	
DANN	Dangsing	51.40 319 eP	P	09 37 55.8 -1.1
GOMU	GeErMu	51.53 335 P	P	09 37 59.0 +1.2
GOMU		51.53 335 P	sP	09 38 02.3 -7.0
GOMU		51.53 335 P	sP	09 38 06.9 -7.1
GOMU		51.53 335 P	S	09 45 15.1 -0.7
GOMU	comp=Z,5.0nm,1.1s		Pmax	
GOMU	comp=Z,7.5nm,4.6s		Pmax	
GOMU	comp=N,120nm,17.4s		LR	
GOMU	comp=E,140nm,17.8s		LR	
GOMU			LR	
GYU	comp=Z,180nm,17.7s	51.74 318 eP	P	09 37 58.1 -1.2
PIUTHAN	Piuthan	51.74 318 eP	P	09 37 59.4 -0.2
JMM	Marumori	51.85 22 P	IAMB	09 38 18.0
JMM		51.85 22 P	IAMB	
GTA	Gaotai	52.52 341 eP	P	09 38 05.2 +0.4
GTA		52.52 341 eP	sP	09 38 10.0 -6.3
GTA		52.52 341 eP	sP	09 38 13.2 -7.8

2016 JUL

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like RAR, SHEM, SSMY, AB31, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MNK, MLY, ARCES, ILAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KUU, UZB, JYNG, etc.

KRNET 02 09:32:27.6.0.1, 39°43N-73°32E, mb3.5
ISU 02 09:32:30.0, 39°49N-73°41E, h10km
NNC 02 09:32:33.1-4.2, 39°63N-73°56E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=32.8km s-min=16.8km az=176.0
SOME 02 09:32:33.9, 39°73N-73°45E, h0km
ISC 02 09:32:27.1-1.5, 39°48N-076°73.50E, 0.103, h0km, b11km,
n36, e153/64, 11C-15U, Tajikistan-Xinjiang border region

TAP 02 09:34:01.5, 23°18N-122°78E, h38km, 1km, ML2.5, 4
JMA 02 09:34:04.1, 24°11N-076°22E, 0.14, h40km, MV1.78,
NW OFF ISHIGAKI/JIMA IS
ISC 02 09:34:00.8-1.1, 23°79N-074°122.65E, 0.102, h13km, g0km,
n40, e079/63, Taiwan region

NNC 02 09:40:07.0-3.4, 38°18N-70°38E, h0km, mb4.1, mpv3.7,
3C-6D, Error ellipse: s-maj=24.5km s-min=18.3km
az=18.0, Afghanistan-Tajikistan border region

Table with columns: CHMS, TKM2, TKM2, TKM2. Rows include station names like Severo-Kuril's, Pauzhetka, Khodutka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Severo-Kuril's, Pauzhetka, Khodutka, etc.

IDC 02 09:45:18.7-3.7, 01:52S, 162.53E, h58km, 27km, mb3.3/4, mbmp3.8/7, ML3.8/3, Error ellipse: s-maj=38.7km, s-min=20.9km az=53.0

ISC 02 09:45:16.8-1.4, 10.4AS, 0.2x162.7E, 0.2, h39km, n13, 1523/8, mb3.5/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Honiara, Mont Dzumac, Charters Tower, Warramunga Arr, WAKE ISLAND Hy, etc.

NOU 02 09:46:48.7, 36.51S, 177.51E, h321km, MLV4.0/6, Off E. Coast of N. Island, N.Z.

WEL 02 09:47:06.0, 0.9, 37.5S, 177.7E, h193km, 9km, M2.5/12, ML2.8/8, MLV2.5/12, Error ellipse: s-maj=0.0km, s-min=0.0km az=163.7

ISC 02 09:46:59.2, 2.2, 37.18S, 0.08, 176.92E, 0.07, h245km, 12km, n83, 0.192/96, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include HAZ, RUGZ, KUZ, etc.

Table with columns: OGZW, KIW, TMWZ, etc. Rows include Otaki Gorge, Kapiti Island, Te Maipa, etc.

TUL 02 10:12:19.8-1.1, 36.703N, 0.007-98.66W, 0.01, h6km, 3km, ML2.5, mb, Lg2, 1/11 (NEIC), Error ellipse: s-maj=1.6km, s-min=1.0km az=92.0

NEIC 02 10:12:20.2-1.1, 36.711N, 0.01-98.66W, 0.02, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.2km az=305.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include OK035, NOKA, OK038, etc.

KRSC 02 10:19:19.0-1.2, 56.19N, 163.97E, h25km, 13km, ML3.6, Near east coast of Kamchatka Peninsula

ISC 02 10:19:19.0-1.2, 56.19N, 163.97E, h25km, 13km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KBTR, KBG, KBK, etc.

IDC 02 10:32:04.9-1.2, 0.68N, 66.95E, h0km, mb4.0/9, mbmp4.0/9, MS3.5/27, Error ellipse: s-maj=39.2km, s-min=22.0km az=46.0

NEIC 02 10:32:08.8-1.9, 0.9NL, 67.4E, 4.0-1, h10km, 1km, mb4.3/11, Error ellipse: s-maj=18.8km s-min=15.3km az=132.0

ISC 02 10:32:07.6-0.7, 0.9NL, 67.33E, 0.09, h10km, m55, 1921/29, mb4.3/15, MS3.5/26, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KAAM, MNCI, MNEY, etc.

Table with columns: KBZ, ABKAR, BOSA, AKTO, KURK, BVAR, KAPU, TSMU, BELG, ZAAO, ZALV, ZALV, ZALV, SUR, ARU, ARU, H01W3, H01W2, H01W1, SONM, SONM, SONM, DAV, JOU, KWSR, KRSR, WRA, WBO, WRO, ASAR, KLR, NOA, ARCS, ESDC, YAK, MA2, TXAR, TXAR. Rows include Khabaz, Akbulak array, Boshof, Aktubinsk, Kurchatov, Borovoye Array, Kappang, Tsunabe, Belogomye, Zalesovo Array, Zalesovo Beam, Sutherland, Arti, Manchester OK, Anthony SW Sta, Grant County #, Harper SW Sta, Caldwell West, Harper NE Sta, Milan North St, South Haven SW, Blackwell, Liberty Lake, Bluff Creek, Westminster Rd, Oklahoma City, Brethren Rd, Quok Quay, Long Quarter, Leonard, Kansas State U, Kaye Shedlock, Bolivar, Mount Ida, Khabaz, Akbulak array, Boshof, Aktubinsk, Kurchatov, Borovoye Array, Kappang, Tsunabe, Belogomye, Zalesovo Array, Zalesovo Beam, Sutherland, Arti, Manchester OK, Anthony SW Sta, Grant County #, Harper SW Sta, Caldwell West, Harper NE Sta, Milan North St, South Haven SW, Blackwell, Liberty Lake, Bluff Creek, Westminster Rd, Oklahoma City, Brethren Rd, Quok Quay, Long Quarter, Leonard, Kansas State U, Kaye Shedlock, Bolivar, Mount Ida.

IDC 02 11:04:08.7-0.8, 53.18S, 118.12W, h0km, mb4.0/9, mbmp4.0/9, MS4.2/47, Error ellipse: s-maj=27.3km, s-min=22.0km az=128.0

NEIC 02 11:04:11.7-2.0, 53.0S, 0.1-118.4W, 0.2, h15km, mb4.7/16, Error ellipse: s-maj=23.6km s-min=17.4km az=136.0

GCMT 02 11:04:12.7-2.0, 53.28S, 0.03-117.81W, 0.02, h12km, 1km, MW4.9/93, Moment Tensor Solution, s36,c43; s93,c135; Duration: 0 Moment tensor: Scale 1016Nm; Mr-3.06e.17; Mw-0.93e.26; Best double couple: M3.28500x10^16 NP1: 1.00000, 0.830000, -0.840000, -1.940000. Principal axes: T 0.3670, Pg 0.0000, Azm 1.04.0000; N -0.1680, Plg3.0000; Azm 13.0000; P -3.2020, Plg81.0000; Azm 261.0000; nsta2 refers to surface waves, cutoff=40s. Triangular moment-rate function

ISC 02 11:04:10.5-0.5, 53.1S, 0.1x118.2W, 0.1, h10km, n113, 0587/58, mb4.5/15, MS4.2/50, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include USHA, PMSA, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, PLCA, VNSA, VNSA, VNSA, GSPA, GSPA, TBI, MT05, MT05, PPT2, PPT2, PPT2, RAR, URZ, RPZ, VNA3, VNA1, SNA4, SNA4, SNA4.

2d 11h

Table of station data for 2d 11h, including columns for station name, frequency, power, and other technical details.

2016 JUL

Main table of station data for 2016 JUL, listing stations like MOA, GERS, ARSA, COLM, and others with their respective frequencies and powers.

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Table of station data for the right column, including stations like R40A, CCM, P40A, T25A, and others, with additional technical specifications.

NEIC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

ISC 02 11:45:43.0±1.6, 22°22'S, 177°17'W, 0.2', h364km, 18km, mb4.6/10, Error ellipse: s-maj=31.6km s-min=13.7km

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like DAV Davao City (W), SHEM Shemya Is, Alia, MJAR Matsushiro Arr, PFO Pinyon Flats O, etc.

GUC 02 12:01:44.8±0.0, 36.126S; 73.00W, h33km, 4km, ML3.9
NEIC 02 12:01:45.3±0.1, 36.27S; 07.06; 73.0W±0.1, h28km, 9km, mb4.2/ML3.9(GUC). Error ellipse: s-maj=14.7km s-min=5.0km az=119.0

ISC 02 12:01:44.9±1.3, 36.29S; 07.05; 73.0W±0.1, h26km±12km, n25, e092/32, 6C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like BI05 Punta Hualp, CCSP San Pedro de C, ML02 Panimavida, etc.

TUL 02 12:10:14.7±1.4, 36.182N; 01:01:97.62W±0.1, h6km, 6km, ML3.4, mb_Lq3.191(NEIC). Error ellipse: s-maj=1.6km s-min=1.5km az=219.0

ANF 02 12:10:15.4±0.2, 36.79N; 97.62W, h6km, ML3.9/13, Error ellipse: s-maj=3.1km s-min=2.1km az=59.0

NEIC 02 12:10:15.1±1.3, 36.80N; 01:01:97.62W±0.1, h8km, 6km, Error ellipse: s-maj=1.6km s-min=1.6km az=200.0

ISC 02 12:10:14.9±0.9, 36.79N; 02:02:97.63W±0.02, h8km, 9km, n107, e081/104, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like GC02 Grant County #, KAN13 South Haven SW, KAN17 Caldwell West, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like QUOK Liberty Lake, OK029 S. Brethren Rd, NOKA Wynoka, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like OKCSW OKLAHOMA CITY, ELIS Leonard, TUL1 Leonard, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like JFWFS Jewell Farm, RSSD Black Hills, etc.

JMA 02 12:25:22.1±0.2, 25°N±2'×122°E±0'5", h107km±1km, MW1.9/12, NW OFF ISHIGAKIJIMA IS, TAP 02 12:25:22.0, 24.59N; 122.66E, h106km, ML2.9 C, ISC 02 12:25:23.1±1.4, 24.58N; 102.44; 122.65E±0.02, h100km, 8km, n81, e056/146, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like JYNG Yonagunijimaku, YJNG Yonaguni jima, YOJ Yonaguni jima, etc.

2d 13h

Table of seismic events with columns: TDCB, Tech, 1.39 257 eP, Pn, 12 25 48.7 +0.5, etc.

NEIC 02 12:33:19.5-1.7, 15.2S;0.07;167.7E;0.1, h116km, 7km, mb4.3/13, Error ellipse: s-maj=20.8km s-min=6.5km az=69.0

2016 JUL STKA Stephens Creek 28.90 230 P P 12 30 38.4 +0.5, WBO Warramunga Arr 31.95 257 P Iamb Iamb 12 30 35.2 +0.4, etc.

VAO 02 12:52:25.0;1.1, 10.68S;80.28W, h10km, mb4.5, ISC 02 12:52:24.6;2.1, 10.65S;0.1;80.2W;0.2, h10km, n24, c171/31, Off coast of Peru

KOHI comp=N,2jm,0.0s IAML 13 29 56.5, MOKO MOKOCHONG 1.19 5 eP Pn 13 29 47.5 +0.4, etc.

TUL 02 13:53:12.0-9.36;54N;0.01;97.57W;0.01, h9km, 7km, ML2.8, mb_Lg2.6/33(NEIC), Error ellipse: s-maj=2.1km s-min=1.6km az=156.0

Table with columns: WMO/K, Station Name, Time, Azimuth, Elevation, Code, Station Name, Time, Res. Includes stations like WMO/K Wichita Mountain, RLO Rose Lookout, X37A Clayton, etc.

Table with columns: MDO/K, Station Name, Time, Azimuth, Elevation, Code, Station Name, Time, Res. Includes stations like MDO/K Medeo, MDO/K Medeo, MDO/K Medeo, etc.

Table with columns: MACK, Station Name, Time, Azimuth, Elevation, Code, Station Name, Time, Res. Includes stations like MACK Trabzon, MACK Trabzon, MACK Trabzon, etc.

SOME 02 15:39:11.9, 44.62N-81.95E, h10km
NMC 02 15:39:14.1, 1.44:83N-81.66E, h0km, mb3.7, mpv3.3

ICD 02 14:03:21.9, 3.4, 19.27Sx175.85W, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=377.5km

Table with columns: Code, Station Name, Time, Res. Includes stations like ASAR Alice Springs, WRA Warrungana Arr, TXAR Lajitas Array.

MOS 02 14:14:08.4, 0.0, 42.47N:45.08E, h23km, MPVA3.6
NORS 02 14:14:09.4, 0.0, 42.41N:44.90E, h3km, MPVA3.5

DRS 02 14:14:15.7, 0.0, 42.63N:45.62E, h12km
ISC 02 14:14:08.7, 1.1, 42.46N:0.02-45.05E:0.02, h4km, 10km, n35, e0588/66, Eastern Caucasus

Large table with columns: Code, Station Name, Time, Res. Includes stations like PNSH Pansheti, MTEO Meteo, KMGAR Komgaron, etc.

Large table with columns: Code, Station Name, Time, Res. Includes stations like DJR JarKent, DJR JarKent, KTMS Ketmen, etc.

KRNET 02 14:03:49.0, 0.1, 39.22N:73.36E, mb3.3
NMC 02 14:03:53.5, 1.8, 39.59N:73.71E, h0km, mb3.7, mpv3.4

SOME 02 14:03:59.4, 39.85N:73.68E, h5km
ISC 02 14:03:55.6, 2.0, 39.78N:0.10:73.64E:0.03, h10km, n34, e179/56, 13C-7D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Time, Res. Includes stations like OHH Osh, UCH Uchtor, UCH Uchtor, etc.

DDA 02 14:59:13.3, 0.0, 40.00N:39.80E, h7km, 2km, ML1.9
ISK 02 14:59:13.1, 40.01N:39.77E, h16km, ML2.6/6

ISC 02 14:59:13.3, 1.0, 40.00N:0.03:39.78E:0.03, h13km, 10km, n14, e058/23, Turkey

Table with columns: Code, Station Name, Time, Res. Includes stations like EUZM Uzumlu, ERZN Erzincan, KELY Kelkit, etc.

JMA 02 15:46:29.6, 0.1, 36.8N:0.3:141.4E:0.7, h41km, 1km, MV3.2/40, E OFF IBARAKI PREF

ICD 02 15:46:29.2, 1.2, 36.44N:141.06E, h0km, mb3.4/5, mbtmp3.5/7, ML3.1/2, Error ellipse: s-maj=24.2km

ISC 02 15:46:31.2, 1.5, 36.79N:0.05:141.26E:0.07, h18km, 5km, n28, e150/23, mb3.5/5, 2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JFFD Fukushimafurud, etc.

2d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like H11N2 WAKE ISLAND Hy 28.13 120 T, H11N1 WAKE ISLAND Hy 28.14 120 T, etc.

IDC 02 16:02:17.8-1.4, 6.69S, 154.56E, h0km, mb3.8/8, mbmp3.9/10, ML2.4/1, MS3.2/3, Error ellipse: s-maj=37.5km s-min=20.9km az=114.0

ISC 02 16:02:23.7-1.1, 6.52S, 154.4E, 0.1, h35km, n18, c1818/13, mb3.8/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like KRVT Keravat (AS076) 3.24 313 Op Pn, PMG Port Moresby 7.73 248 Pn, etc.

IDC 02 16:15:14.4-1.9, 19.92S, 177.42W, h525km, 35km, mb3.3/5, mbmp4.2/7, Error ellipse: s-maj=49.6km s-min=22.2km az=176.0

ISC 02 16:15:14.5-1.0, 19.93S, 177.4W, 0.2, h525km, n7, c0577/8, mb4.0/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like MSVF Nonsavu 4.80 296 P, AFI Afiamalu 8.06 43 P, etc.

BUI 02 16:30:06.4-0.0, 38.89N, 73.17E, h19km, mb3.9/6, mb4.0/2, ML3.7/1

KRNET 02 16:30:08.6-0.1, 39.32N, 73.25E, mb4.2

IDC 02 16:30:08.4-1.0, 39.28N, 73.58E, h0km, mb3.8/13, mbmp3.8/19, ML3.0/6, MS3.0/9, Error ellipse: s-maj=18.1km s-min=15.0km az=164.0

SOME 02 16:30:09.6, 39.45N, 73.67E, h5km

MOS 02 16:30:10.9-0.7, 39.23N, 73.30E, h30km, mb4.0/5, Error ellipse: s-maj=11.8km s-min=5.6km az=79.7

NNC 02 16:30:14.3-1.4, 39.58N, 73.70E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=10.7km s-min=7.0km az=177.0

ISC 02 16:30:10.3-0.6, 39.32N, 0.04, 73.25E, 0.03, h10km, n111, c1919/141, mb3.8/17, MS3.0/5, 32C-14D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like OHH Osh 1.26 344 i/P, OHH Osh 1.26 344 i/P, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like UCH Uchtor 3.06 18 P Pn, UCH Uchtor 3.06 18 i/P Pn, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like MDOK 14nm,0.5s i/Lg Lg, KTBS Karatobe 13nm,0.7s 5.09 29 eP S, etc.

KLR	Kul'dur	42.08 57 P	P	16 38 00.3 -1.8
	comp=Z.2,0nm,0.6s			
	comp=Z.0,5nm,0.4s,baz=202,slow=11,SNR=1.8			
NB2	NORSA Subarra	43.25 321 P	P	16 38 12.2 +0.6
	comp=Z.0,5nm,0.4s			
NOA	NORSA Array B	43.25 321 P	P	16 38 11.9 +0.4
	comp=Z.1,6nm,0.9s,baz=90,slow=7.9,SNR=3.5			
NOA			LR	16 57 00.3
	comp=Z.26nm,18.1s,baz=65,slow=37			
	comp=Z.1,6nm,0.9s			
NOA	NORSA Array B	43.25 321 P	P	16 38 12.0 +0.4
BILL	Bilbirino	55.30 27 P	P	16 39 44.8 +0.9
BILL			e	16 40 46.0
BILL			e	16 41 48.4
			pmax	pmax
	comp=Z.1,0nm,1.0s			
TORD	Tordi Ar. Bea	67.56 269 P	P	16 41 08.1 +1.0
	comp=Z.0,7nm,0.7s,baz=57,slow=6.9,SNR=4.5			
INK	Inuvik	70.83 10 P	P	16 41 26.1 +0.5
	comp=Z.1,2nm,0.7s,baz=299,slow=1.8,SNR=3.7			
ILAR	Eielson Array	71.58 17 P	P	16 41 29.6 -1.6
	comp=Z.0,5nm,0.8s,baz=329,slow=6.5,SNR=5.9			
WRA	Warrunga Arr	82.02 124 P	P	16 42 29.4 -1.4
	comp=Z.0,5nm,0.2s,baz=330,slow=5.1,SNR=4.7			
ASAR	Alice Springs	84.45 127 P	P	16 42 41.8 -1.5
	comp=Z.0,4nm,0.7s,baz=324,slow=6.2,SNR=2.7			
	comp=Z.0,4nm,0.7s			

PPT2	Papeete	22.70 100 eLR	LR	17 04 40.1
	comp=Z.3,0nm,0.2s			
TBI	Tubuai	23.78 114 eLR	LR	17 05 19.8
	comp=Z.2,61nm,26.8s			
TBI	Tubuai	23.78 114 eT	T	17 24 57.5
URZ	Urewera	24.74 199 P	P	17 00 13.8 +0.5
	comp=Z.17nm,1.0s,baz=296,slow=23,SNR=5.7			
URZ			LR	17 08 57.6
	comp=Z.3,55nm,20.6s,baz=31,slow=34			
HNR	Honiara	26.93 279 LR	LR	17 09 22.0
	comp=Z.272nm,18.4s,baz=122,slow=33			
RPZ	Rata Peaks	31.66 202 LR	LR	17 13 25.8
	comp=Z.304nm,19.7s,baz=31,slow=36			
TAOE	Nuku Hiva Isla	32.77 83 eLR	LR	17 09 10.2
	comp=Z.49nm,24.0s			
WHZ	Wether Hill Ro	34.68 204 P	P	17 01 40.0 -1.5
H1S2	WAKE ISLAND Hy	38.79 328 T	T	17 43 22.3
	comp=Z.148,slow=75,SNR=21			
H1S3	WAKE ISLAND Hy	38.80 328 T	T	17 43 25.2
	comp=Z.148,slow=75,SNR=21			
H1S1	WAKE ISLAND Hy	38.80 328 T	T	17 43 18.7
	comp=Z.148,slow=75,SNR=21			
CTA	Charters Tower	39.03 257 LR	LR	17 15 30.2
	comp=Z.14nm,20.7s,baz=35,slow=32			
CTA0	Charters Tower	39.03 257 P	P	17 02 17.4 -1.6
CTA0			Iamb	17 02 41.1
PMG	Port Moresby	39.22 273 LR	LR	17 14 19.5
	comp=Z.11nm,20.7s,baz=35,slow=30			
H1N3	WAKE ISLAND Hy	39.72 330 T	T	17 44 23.4
	comp=Z.149,slow=76,SNR=17			
H1N1	WAKE ISLAND Hy	39.73 330 T	T	17 44 26.6
	comp=Z.149,slow=76,SNR=17			
H1N2	WAKE ISLAND Hy	39.74 330 T	T	17 44 26.6
	comp=Z.149,slow=76,SNR=18			
STKA	Stephens Creek	45.40 240 LR	LR	17 19 12.2
	comp=Z.115nm,19.6s,baz=39,slow=33			
WB0	Warrunga Arr	50.20 257 P	P	17 03 44.5 -3.5
	comp=Z.7,5nm,0.9s			
WB2	Warrunga Arr	50.23 256 P	P	17 03 45.2 -3.0
	comp=Z.7,5nm,0.9s			
WRA	Warrunga Arr	50.24 256 P	P	17 03 45.5 -2.8
	comp=Z.7,1nm,0.7s			
	comp=Z.4,7nm,0.7s,baz=89,slow=7.1,SNR=84			
WRA	Warrunga Arr	50.24 256 P	P	17 03 45.3 -3.0
	comp=Z.4,7nm,0.7s			
GUMO	Guam	50.38 302 LR	LR	17 22 57.0
	comp=Z.58nm,19.1s,baz=117,slow=34			
AS31	Alice Springs	50.53 252 P	P	17 03 47.6 -2.9
	comp=Z.7,3nm,0.6s			
ASAR	Alice Springs	50.53 252 P	P	17 03 47.5 -3.0
	comp=Z.27nm,0.7s,baz=88,slow=7.6,SNR=467			
AS31	Alice Springs	50.53 252 P	P	17 03 47.4 -3.1
	comp=Z.27nm,0.7s			
MTN	Manton Dam	54.08 265 P	P	17 04 14.4 -2.5
RPN	Rapa Nui	60.15 113 LR	LR	17 25 57.9
	comp=Z.112nm,19.9s,baz=21,slow=31			
JCJ	Chichijima	60.30 314 LR	LR	17 25 57.4
	comp=Z.67nm,20.3s,baz=109,slow=31			
PSA00	Pilbara Seismi	63.62 253 P	P	17 05 20.9 -2.3
VNDA	Vanda	63.80 186 P	P	17 05 23.2 -0.2
	comp=Z.1,1nm,1.0s,baz=239,slow=5.0,SNR=4.0			
VNDA			LR	17 33 10.2
	comp=Z.27nm,18.1s,baz=6.5,slow=36			
	comp=Z.1,1nm,1.0s			
VNDA	Vanda	63.80 186 P	P	17 05 20.8 -2.6
	comp=Z.3,1nm,1.0s			
VNDA			Iamb	17 05 30.6
DAV	Daavo City (W)	64.63 285 LR	LR	17 31 50.4
	comp=Z.64nm,19.0s,baz=122,slow=35			
KAPI	Kappang	66.68 271 LR	LR	17 32 51.1
	comp=Z.65nm,18.2s,baz=82,slow=34			
SHEM	Shemya Isla	68.36 332 LR	LR	17 31 37.0
	comp=Z.1,01nm,18.6s,baz=104,slow=32			
MJAR	Matsushiro Arr	68.84 320 P	P	17 05 55.9 -0.4
	comp=Z.2,5nm,1.0s,baz=141,slow=6.7,SNR=4.8			
MJAR			LR	17 30 40.0
	comp=Z.91nm,20.9s,baz=148,slow=31			
JOW	Kunigami	70.50 306 LR	LR	17 30 33.9
	comp=Z.79nm,21.8s,baz=156,slow=30			
JNU	Nakatani	71.76 313 LR	LR	17 06 147.4 +0.4
PETK	Petropavlovsk	72.35 342 P	P	17 06 18.3 +1.0
	comp=Z.2,6nm,0.7s,baz=163,slow=11,SNR=16			
PETK			LR	17 29 47.2
	comp=Z.3,55nm,21.8s,baz=144,slow=29			
PETK	Petropavlovsk	72.35 342 P	P	17 06 18.4 +1.2
	comp=Z.2,6nm,0.7s			
PFG	Pinyon Flats O	72.42 47 LR	LR	17 30 20.5
	comp=Z.134nm,19.5s,baz=240,slow=29			
La Paz		72.57 58 LR	LR	17 29 50.6
	comp=Z.97nm,19.5s,baz=234,slow=29			
YBH	Yreka Blue Hor	73.10 37 LR	LR	17 31 08.4
	comp=Z.69nm,20.7s,baz=238,slow=30			
NVAR	Mina Array Bea	73.83 42 P	P	17 06 30.0 +3.4
	comp=Z.0,7nm,0.7s,baz=225,slow=11,SNR=6.2			
NVAR			LR	17 32 25.6
	comp=Z.73nm,20.2s,baz=268,slow=30			
KDAK	Kingman Reef	74.47 11 LR	LR	17 33 15.9
	comp=Z.0,7nm,0.7s			
QSPA	South Pole Qui	75.04 180 LR	LR	17 38 58.1
	comp=Z.52nm,19.2s,baz=233,slow=31			
QSPA	South Pole Qui	75.04 180 LR	LR	17 06 32.3 -0.9
	comp=Z.18nm,18.0s,baz=24,slow=35			
QSPA			Iamb	17 06 42.4
	comp=Z.9,4nm,1.1s			
KSRS	Korea Array	76.09 315 P	P	17 06 40.8 +1.3
	comp=Z.1,2nm,0.9s,baz=133,slow=6.8,SNR=4.3			
KSRS			LR	17 34 02.8
	comp=Z.44nm,21.9s,baz=115,slow=31			
	comp=Z.1,2nm,0.9s			
ELK	Elko	77.08 41 LR	LR	17 35 04.8
	comp=Z.42nm,19.4s,baz=242,slow=31			
USR2	Ursursky Arr	77.25 323 LR	LR	17 34 46.3
	comp=Z.55nm,19.5s,baz=218,slow=31			
MA2	Magadan	79.88 342 LR	LR	17 37 43.6
	comp=Z.36nm,20.4s,baz=144,slow=32			
TXAR	Lajitas Array	80.13 56 P	P	17 07 06.6 +4.4
	comp=Z.1,6nm,1.0s,baz=207,slow=5.2,SNR=9.3			
TXAR			LR	17 33 45.8
	comp=Z.72nm,21.9s,baz=241,slow=29			
	comp=Z.1,6nm,1.0s			
ANMO	Albuquerque	80.31 50 LR	LR	17 35 11.4
	comp=Z.90nm,20.2s,baz=256,slow=30			
KLR	Kul'dur	80.36 327 LR	LR	17 36 56.0
	comp=Z.260nm,21.9s,baz=154,slow=32			
WRH	Wood River Hill	81.51 11 P	P	17 07 07.7 -0.9
	comp=Z.14nm,1.4s			
WRH			Iamb	17 07 23.5
MLY	Manley	81.58 9 P	P	17 07 08.6 -0.5
CCB	Clear Creek Bu	81.72 11 P	P	17 07 08.3 -1.4
CCB			Iamb	17 07 23.8
PDAR	Pinedale Array	81.76 42 P	P	17 07 14.2 +3.4
	comp=Z.0,8nm,0.6s,baz=216,slow=4.2,SNR=9.8			
PDAR			LR	17 37 45.9
	comp=Z.57nm,18.3s,baz=253,slow=31			
SCRK	Sand Creek	81.86 13 P	P	17 07 10.8 +0.1
	comp=Z.0,8nm,0.6s			
ILAR	Eielson Array	82.00 11 P	P	17 07 13.7 +2.5
	comp=Z.0,6nm,0.7s,baz=221,slow=6.0,SNR=6.7			
SEY	Seymour	82.22 345 LR	LR	17 39 03.5
	comp=Z.51nm,20.5s,baz=172,slow=32			
J26L	Joseph	82.41 12 P	P	17 07 13.8 +0.4
CMIG	Matias Romero	83.46 70 LR	LR	17 35 52.1
	comp=Z.28nm,20.1s,baz=207,slow=29			
PMAR	Palmer Station	84.41 156 LR	LR	17 36 10.8
	comp=Z.11nm,20.9s,baz=34,slow=29			
BMSA	Burnt Mountain	84.81 11 P	P	17 07 27.1 +1.4
	comp=Z.1,6nm,1.0s,baz=207,slow=5.2,SNR=9.3			
H0S32	Juan Fernandez	85.16 124 T	T	18 42 11.0
	comp=Z.244,SNR=17			
H0S31	Juan Fernandez	85.18 124 T	T	18 42 12.1
	comp=Z.244,SNR=11			
H0S33	Juan Fernandez	85.18 124 T	T	18 42 10.9
	comp=Z.244,SNR=11			
INK	Inuvik	87.57 14 P	P	17 07 43.0 +2.7
	comp=Z.2,0nm,0.9s,baz=180,slow=1.0			
	comp=Z.0,9nm,0.9s			
MAW	Maunson	88.27 199 P	P	17 07 43.9 +1.2
	comp=Z.3,0nm,0.7s,baz=129,slow=7.9,SNR=6.5			
MAW			LR	17 43 55.7
	comp=Z.69nm,20.4s,baz=116,slow=33			

MAW	Maunson	88.27 199 P	P	17 07 40.4 -2.2
MAW			Iamb	17 07 55.0
YAK	Yuka	88.37 337 LR	LR	17 40 35.6
	comp=Z.2,6nm,1.2s			
PLCA	Paso Flores	89.55 132 LR	LR	17 40 34.5
	comp=Z.51nm,18.8s,baz=208,slow=30			
JTS	Las Juntas de	90.85 80 LR	LR	17 39 04.6
	comp=Z.71nm,20.7s,baz=306,slow=29			
ATAH	Atahualpa	92.96 97 LR	LR	17 40 27.9
	comp=Z.102nm,20.3s,baz=246,slow=29			
CMAR	Chiang Mai Arr	92.79 288 LR	LR	17 43 36.5
	comp=Z.28nm,21.8s,baz=329,slow=32			
NNA	Nana	92.84 103 LR	LR	17 40 03.1
	comp=Z.36nm,20.3s,baz=212,slow=29			
VNA3	Neumayer Olymp	93.22 175 P	P	17 08 09.7 +4.0
SNAA	Sanaa	93.26 177 P	P	17 49 44.3
	comp=Z.39nm,18.0s,baz=132,slow=35			
ULM	Lac du Bonnet	93.43 39 LR	LR	17 45 04.2
	comp=Z.69nm,19.8s,baz=308,slow=32			
TIXI	Tiksi	94.71 344 LR	LR	17 47 34.8
	comp=Z.35nm,20.0s,baz=180,slow=33			
SOMN	Songino Array	94.76 3		

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
CAST	comp=2.3,8nm,0.6s		I Amb	17 12 36.1			
SUA	Susitna One	62.03 29	P	17 12 35.4 +0.4			
SUA	comp=2.6,4nm,1.2s		I Amb	17 12 54.7			
IMAR	Indian Mountai	62.12 24	P	17 12 36.6 +1.1			
H21K	Melozitna Rive	62.38 24	P	17 12 38.2 +1.1			
H21K	comp=2.5,4nm,1.3s		I Amb	17 12 39.0			
RC01	Rabbit Creek A	62.41 30	P	17 12 37.4 0.0			
RC01	comp=2.3,5nm,0.7s		I Amb	17 13 16.7			
KTH	Kantishna Hill	62.51 27	P	17 12 38.7 +0.5			
KTH	comp=2.3,3nm,1.0s		I Amb	17 12 39.4			
I21K	Tanana	62.55 25	P	17 12 38.6 +0.4			
I21K	comp=2.4,4nm,1.2s		I Amb	17 13 14.5			
BPAW	Bear Paw Mtn.	62.64 26	P	17 12 39.2 +0.3			
BPAW	comp=2.5,3nm,1.1s		I Amb	17 12 42.3			
TRF	Thorofare Moun	62.76 27	P	17 12 39.6 -0.3			
TRF	comp=2.6,9nm,1.2s		I Amb	17 12 42.3			
MLY	Manley	63.01 25	P	17 12 40.8 -0.6			
MLY	comp=2.1,9nm,0.5s		I Amb	17 12 42.5			
SML	Sawmill	63.23 29	P	17 12 42.8 -0.1			
SML	comp=2.6,7nm,0.8s		I Amb	17 12 44.1			
BWN	Browne	63.30 26	P	17 12 43.0 -0.2			
RND	Reindeer	63.37 27	P	17 12 43.7 -0.1			
I23K	Minto, Yukon-K	63.60 25	P	17 12 45.6 +0.5			
GLI	Glacier Island	63.62 30	P	17 12 45.4 0.0			
SCM	Sheep Creek Mo	63.70 29	P	17 12 46.3 +0.3			
SCM	comp=2.7,0nm,0.9s		I Amb	17 12 47.5			
COLD	Coldfoot	63.87 23	P	17 12 47.1 +0.2			
FID	Port Fidalgo	63.89 30	P	17 12 46.3 -0.9			
FID	comp=2.9,1nm,1.1s		I Amb	17 12 56.7			
MDM	Murphy Dome	64.02 26	P	17 12 48.1 +0.1			
H24K	Noodor Dome	64.38 25	P	17 12 50.3 0.0			
TOLK	Toolik Lake Re	64.52 22	P	17 12 52.1 +0.9			
TOLK	comp=2.4,7nm,1.2s		I Amb	17 12 53.0			
ILAR	Eielson Array	64.53 26	P	17 12 49.9 -1.4			
ILAR	comp=2.0,8nm,0.7s,baz=250,slow=6.0,SNR=8.6						
PAX	Paxson	64.78 28	P	17 12 52.2 -0.8			
PAX	comp=2.0,8nm,0.7s		I Amb	17 13 29.1			
J25K	Salcha River,	65.14 26	P	17 12 54.2 -1.1			
RIDG	Independent Ri	65.19 27	P	17 12 55.9 +0.2			
RIDG	comp=2.2,7nm,0.9s		I Amb	17 12 56.5			
VRDI	Verde Repeater	65.42 30	P	17 12 57.5 +0.2			
VRDI	comp=2.8,7nm,1.4s		I Amb	17 13 13.7			
DOT	Dot Lake	65.52 27	P	17 12 57.9 +0.2			
DOT	comp=2.2,7nm,0.9s		I Amb	17 12 58.7			
SCRK	Sand Creek	65.61 27	P	17 12 58.6 +0.2			
J26L	Joseph Creek	65.88 27	P	17 12 59.0 -0.1			
EMAR	Burnt Mountain	66.03 23	P	17 13 02.1 +1.2			
TABL	Table Mountain	66.45 31	P	17 13 04.9 +1.0			
HYT	Haines Junction	68.27 31	P	17 13 16.8 +1.5			
HYT	comp=2.9,7nm,1.5s		I Amb	17 13 27.2			
M30M	Minto, Yukon	68.69 29	P	17 13 18.5 +0.7			
INK	Inuvik	70.28 23	P	17 13 26.9 -0.4			
INK	comp=2.2,8nm,0.9s,baz=236,slow=6.8,SNR=4.7						
INK	comp=2.2,8nm,0.9s		I Amb	17 13 28.6			
YKA	Yellowknife Ar	78.86 28	P	17 14 16.7 -0.2			
YKA	comp=2.0,7nm,0.6s,baz=285,slow=5.0,SNR=2.7						
BO8A	Colville Reser	80.19 42	P	17 14 24.8 +0.4			
BO8A	comp=2.7nm,0.6s		I Amb	17 14 26.0			
PINE	Pine Mountain	80.31 47	P	17 14 26.3 +0.9			
PINE	comp=2.4,6nm,0.7s		I Amb	17 14 27.8			
NEW	Newport	81.63 42	P	17 14 33.0 +0.8			
NEW	comp=2.1,0nm,0.5s,baz=273,slow=18,SNR=2.4						
NEW	comp=2.1,0nm,0.5s		I Amb	17 14 33.4			
NEW	comp=2.1,4nm,0.8s		I Amb	17 14 33.4			
NVAR	Mina Array Bea	83.73 52	P	17 14 44.0 +0.5			
NVAR	comp=2.0,7nm,0.5s,baz=269,slow=6.1,SNR=9.4						
ELK	Elko	85.25 49	P	17 14 52.2 +1.2			
ELK	comp=2.0,8nm,0.7s,baz=308,slow=8.8,SNR=3.9						
LPAZ	La Paz	147.60 93	PKPbc PKIKP	17 22 00.4 -0.6			
LPAZ	comp=2.0,8nm,0.6s,baz=1.6,slow=8.2,SNR=4.6						

IDC 02 17:11:13.2:1.9,10.56S;118.72E,h0km,mb3.5/2,
 mbmp3.7/6,ML3.8/4,MS3.3/3,Error ellipse: s-maj=53.7km
 s-min=24.0km az=48.0
 DJA 02 17:11:22.6:0.4,10°S;3°11'9"E',h10km,M4.0/13,
 mb4.3/2,ML3.6/3
 ISC 02 17:11:14.8:0.9,10.40S;0°06'11.904E;0°04',h10km,n17,
 az=62.3,Sumba region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
WBSI	Waikabubak, Su	0.83 25	P	17 11 30.6 -0.2			
WBSI	Baing, Sumba	1.52 83	S	17 11 37.7 -4.0			
BASI	Plampang	2.00 321	P	17 12 05.2 +1.3			
PLAI	Taliwang, Sumb	2.69 308	P	17 12 05.7 -0.8			
PLAI	Ende, Flores	3.09 58	P	17 12 06.2 +2.5			
EDFI	Mauere	3.61 61	P	17 12 13.3 +2.5			
DNP	Denpasar	4.15 294	P	17 12 27.2 -0.7			
IGBI	Denpasar	4.15 292	P	17 12 27.5 -0.4			
SRBI	Singaraja	4.42 301	P	17 12 29.8 -2.8			
BSSI	Bau Bau, Buton	4.47 19	P	17 12 25.3 +2.7			
BATI	Baumata	4.55 68	Pn	17 12 27.1 +3.2			
BATI	7.8nm,0.3s,baz=281,slow=1.4,SNR=18						
BATI	9.5nm,0.3s,baz=228,slow=23,SNR=10						
BATI	18nm,0.3s						
BKSI	Butukumba	5.16 12	P	17 12 35.8 +3.7			
KAPI	Kappang	5.40 8	Pn	17 12 39.5 +4.1			
KAPI	2.7nm,0.3s,baz=165,slow=14,SNR=8.3						
KAPI	4.5nm,0.3s,baz=298,slow=22,SNR=7.6						
KAPI	comp=2.83nm,21.0s,baz=293,slow=38		LR	17 14 43.7			
WRA	Warramunga Arr	17.54 125	P	17 15 20.3 +0.7			
WRA	0.3nm,0.3s,baz=296,slow=11,SNR=12						
WRA	0.6nm,0.7s,baz=297,slow=20,SNR=2.5						
ASAR	Alice Springs	19.36 135	P	17 15 43.7 +1.8			
ASAR	0.2nm,0.3s,baz=313,slow=12,SNR=16						
ASAR	0.3nm,0.6s,baz=317,slow=26,SNR=4.4						
MKAR	Makanchi Array	65.72 333	P	17 22 00.1 +0.5			
MKAR	0.2nm,0.5s,baz=143,slow=6.8,SNR=1.9						
MKAR	comp=2.41nm,21.9s,baz=101,slow=39		LR	17 53 32.4			
ZALV	Zalesovo Beam	70.36 339	P	17 22 27.5 -1.1			
ZALV	0.3nm,0.3s,baz=167,slow=6.8,SNR=1.4						
ZALV	comp=2.45nm,18.4s,baz=92,slow=39		LR	17 57 04.7			

KRSC 02 17:58:25.3:2.4,49.14N;156.76E,h16km,38km,ML3.6,
 Kuril Islands
 Code Station Name Δ° AZ' Phase ID Time Res ISC h m s ISC
 SKR Severo-Kuril's 1.60 345 P Sn 17 58 50.8 -2.0
 SKR 17 59 10.5 -2.6
 PAU Pauzhetka 2.33 1 S Sn 17 59 32.6 +1.5
 KDTR Khodutka, Kamc 2.80 17 P Pn 17 59 11.9 +2.5

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
KDTR	ASAK	3.32 12	P	Sb	17 59 47.2 -1.7		
KDTR	MTVR	3.46 15	P	Pn	17 59 22.9 +3.2		
KDTR	RUS	3.48 18	P	Sb	17 59 22.1 +3.4		
RUS	Russkaya	3.48 18	P	Sb	18 00 04.1 -4.1		
RUS	GRL	3.51 13	P	Pn	17 59 21.7 +3.0		
RUS	GRL	3.51 13	P	Sb	18 00 03.0 +3.5		
DALK	Dalny	4.09 17	P	Pn	17 59 23.6 -3.5		
DALK	Dalk	4.09 17	P	Sb	18 00 05.9 -3.7		
DALK	Uglovaya	4.27 17	P	Pn	17 59 30.9 +3.8		
DALK	Uglovaya	4.27 17	P	Sb	18 00 19.0 +4.4		
UGLR	Avach	4.31 17	P	Pn	17 59 33.9 +4.2		
UGLR	KOK	4.32 15	P	Pn	17 59 34.6 +4.7		
UGLR	KOR	4.32 15	P	Pn	17 59 35.4 +4.0		
UGLR	SDLR	4.35 17	P	Pn	17 59 34.8 +4.0		
UGLR	KRX	4.38 15	P	Pn	17 59 35.8 +4.5		
UGLR	Arik	4.38 15	P	Pn	17 59 36.7 +4.5		
SPN	Mys Shipunov	4.46 26	P	Sb	17 59 30.4 +6.3		
SPN	Mys Kozlova	6.23 28	P	Pn	17 59 59.9 +3.4		

IDC 02 18:54:10.0:1.5,7.96S;130°53'E,h0km,mb4.0/5,
 mbmp3.9/7,ML3.7/2,MS3.0/1,Error ellipse: s-maj=86.9km
 s-min=20.2km az=68.0
 NEIC 02 18:54:15.7:1.6,7.85S;0°06'130.76E;0°04',h38km,9km,
 mb4.1/17,Error ellipse: s-maj=9.1km s-min=4.5km
 az=202.0

ISC 02 18:54:13.5:0.5,7.95S;0°05'130.79E;0°08',h35km,n39,
 az=271.1,mb4.1/10,Tanibar Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
MTN	Manton Dam	4.87 176	Op	ISC	18 55 27.9 +3.5		
MTN	Fak Fak	5.21 16	Pn	ISC	18 56 20.9 +1.4		
MTN	FAKI	7.93 194	Sn	ISC	18 55 29.5 +0.5		
KNRA	Kununurra	7.93 194	Sn	ISC	18 56 08.3 +2.0		
KNRA	Mauere	8.49 265	Sn	ISC	18 57 32.3 -2.5		
KAPI	Kappang	11.35 284	LR	ISC	18 56 15.1 +1.1		
KAPI	comp=2.2nm,18.7s,baz=58,slow=37				19 00 56.0		
WBO	Warramunga Arr	12.25 164	Pn	Pn	18 57 05.8 +0.2		
WRA	Warramunga Arr	12.40 164	Pn	Pn	18 57 07.5 -0.2		
WRA	0.5nm,0.3s,baz=349,slow=13,SNR=19				18 59 18.1 -6.7		
WRA	1.3nm,0.3s,baz=342,slow=22,SNR=7.6				18 57 07.0 -0.7		
WRA	0.8nm,0.5s				18 57 07.5 -0.2		
WRA	Warramunga Arr	12.41 164	Pn	Pn	18 57 08.5 -0.2		
WBO	Warramunga Arr	12.40 164	Pn	Pn	18 57 07.6 -0.2		
TOL2	Tolli	13.44 312	Pn	Pn	18 57 14.1 -3.4		
COEN	Coen	13.54 117	Pn	Pn	18 57 22.9 -0.4		
AS31	Alice Springs	15.91 170	Pn	Pn	18 57 55.5 +0.7		
ASAR	Alice Springs	15.91 170	Pn	Pn	18 57 54.8 -0.1		
ASAR	0.2nm,0.3s,baz=346,slow=9.1,SNR=12				19 00 44.5 -5.7		
ASAR	0.3nm,0.3s,baz=358,slow=29,SNR=6.2				18 58 01.5 -0.6		
ASAR	0.6nm,0.6s				18 58 06.4 -1.3		
JAGI	Jajag, Banyuwa	16.47 267	Pn	Pn	18 58 06.4 -1.3		
MBWA	Marble Bar	16.92 218	I Amb	I Amb	18 58 37.8		
PSA00	Pilbara Seismi	17.17 217	P	Pn	18 58 10.0 -0.7		
PSA00	comp=2.7,3nm,0.9s		I Amb	I Amb	18 58 42.1		
PSA00	Pilbara Seismi	17.17 217	P	P	18 58 11.1 -1.0		
PSA00	comp=2.11nm,1.4s		I Amb	I Amb	18 58 24.1		
UCM	Wanagama	20.07 269	P	Pn	18 58 45.0 -1.1		
SBUJ	Sibu	21.21 298	P	Pn	18 58 05.6 +0.4		
FORT	Forrest	22.85 186	P	Pn	18 59 16.6 +2.8		
MORW	Morawa	25.18 212	P	Pn	18 59 37.9 +2.2		
MORW	comp=2.21nm,1.4s		I Amb	I Amb	19 00 00.1		
BBBO	Buckleboo	25.21 170	P	Pn	18 59 38.3 +2.3		
BBBO	comp=2.16nm,1.2s		I Amb	I Amb	19 00 02.5		
STKA	Stevens Creek	25.84 159	P	P	18 59 44.2 +2.5		
STKA	comp=2.1,8nm,0.7s,baz=338,slow=12,SNR=2.2				18 59 49.2		
STKA	comp=2.1,8nm,0.7s		I Amb	I Amb	18 59 49.2		
CMAR	Chiang Mai Arr	40.94					

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WCS Beigang Elemen, NWF Wu-fen Shan, SX11 Grass Mountain, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CHN1 Ludao, LDUT Ludao, WSL Shuilin Townsh, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like EKS2 Erkin-Say, AAK Ala Archa, MRKS Merke, etc.

ADC 02 19:08:09.2.2.4, 31.88Sx177.72W, h0km, mb4.2/3, mbmp4.1/4, ML3.3/1, Error ellipse: s-maj=58.8km

NEIC 02 19:08:12.5.2.2, 31.84Sx106.177.9W, 0.2, h10km, 2km, mb4.4/10, Error ellipse: s-maj=28.9km s-min=6.5km az=104.0

ISC 02 19:08:14.3.1.2, 31.84Sx0.008:178.0W, 0.2, h24km, n21, 121/22, mb4.4/8, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RAO Raoul Island, URZ Urewera, etc.

KRNET 02 19:27:02.8.0.1, 39.41N:73.67E, mb3.5 SOME 02 19:27:03.2, 39.43N:73.80E, h5km

NIC 02 19:27:08.6, 1.9, 39.66N:73.74E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=14.9km s-min=7.8km az=170.0

ISC 02 19:27:02.9.1.7, 39.53N:0.06:73.72E, 0.04, h7km, 12km, n48, 2507/67, 24C-6D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like OHH Osh, DRK Karamyk, etc.

ADC 02 20:01:59.3:0.6, 61.15Sx53.38W, h0km, mb4.3/9, mbmp4.3/10, ML3.7/1, MS3.8/20, Error ellipse:

s-maj=26.4km s-min=16.0km az=73.0 NEIC 02 20:02:00.1, 1.3, 61.32S:53.9W:0.1, h10km, 1km, mb4.6/25, Error ellipse: s-maj=11.4km s-min=6.9km az=239.0

ISC 02 20:01:59.8:0.4, 61.35S:0.06:54.06W, 0.07, h10km, n120, 121/99, mb4.5/17, MS4.0/23, South Shetland Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JUBA Jubany, ESPZ Base Esperanza, etc.

2d 20h

Table of station data for the 2d 20h period, including station names, coordinates, and various parameters.

2016 JUL

Main table of station data for July 2016, listing station names, coordinates, and parameters.

102

Table of station data for the 102 period, including station names, coordinates, and parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like GAR, CHGR, BXML, CHDK, CHMI, DZI, TGS, FRG, CHRV, KK31, KKAR, KKAR.

Table with columns: URLA, Izmir, 2.51, 70, PN, Pn, 20 50 07.6, +0.8. Includes station codes like STKA, ASAR, WRA.

Table with columns: AC01, Pan de Azucar, 3.82, 237, Pn, 21 24 56.7, -1.1. Includes station codes like PATCX, PB08, GO03, TA01, HMBC, GO01, GO03, PB11, AC04, AC04, LCO, PB16, PB12, CO01, PB18, CO05, GO04, CO03, LPAZ, LPAZ, LPAZ, CPUP, VA06, SIV, SIV.

ISK 02 20:49:24.6, 37:71N, 23:55E, h2km, ML2.7/10
ATH 02 20:49:26.4, 37:54N, 23:63E, h14km, 1km, ML2.4/8, Error ellipse: s-maj=1.9km s-min=0.8km az=319.0

IDC 02 21:17:50.5, 2.2, 4.5N, 0.4, 127.4E, 0.6, h10km, n5, c274/6, mb3.1/3, 2D, Talau Islands

comp=Z.263nm, 0.3s
PATCX Punta Patache 4.35 318 Pn 21 25 03.4 -1.1
PATCX Punta Patache 4.35 318 eP Pn 21 25 03.4 -1.1
PATCX Punta Patache 4.35 318 eP Pn 21 25 04.2 -0.3

THE 02 20:49:26.7, 37:54N, 23:60E, h13km, 1km, ML2.4/17, Error ellipse: s-maj=1.1km s-min=0.5km az=335.0

IDC 02 21:17:51.5, 2.2, 4.5N, 0.4, 127.4E, 0.6, h10km, n5, c274/6, mb3.1/3, 2D, Talau Islands

comp=Z.179nm, 0.7s
PB08 IPOC Station P 4.39 333 Pn 21 25 05.9 +0.5
PB08 IPOC Station P 4.39 333 Pn 21 25 06.0 +0.6

ISC 02 20:49:26.4, 0.9, 37.55N, 0.02, 23.59E, 0.02, h14km, 7km, n48, c065/77, Southern Greece

IDC 02 21:17:51.5, 2.2, 4.5N, 0.4, 127.4E, 0.6, h10km, n5, c274/6, mb3.1/3, 2D, Talau Islands

comp=Z.14nm, 0.4s, baz=140, slow=7.5, SNR=72
LPAZ comp=Z.14nm, 0.4s, baz=140, slow=7.5, SNR=72 S Sn 21 27 16.7 -2.1

Code Station Name Az AZ Phase ID Time Res h m s I S C

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AKASG	Malin Array Be	74.92 320	P	P	21 51 07.1	-0.2
comp=Z,0.3nm,0.4s,baz=51,slow=5.5,SNR=5.2						
BR131	Keskin Array S	77.40 309	P	I Amb	21 51 21.8	0.0
comp=Z,0.3nm,0.4s						
BRTR	Keskin Array B	77.40 309	P	P	21 51 22.4	+0.6
comp=Z,1.5nm,1.0s,baz=47,slow=7.0,SNR=5.5						
BRTR	Keskin Array B	77.40 309	P	P	21 51 22.0	+0.2
NOA	NORSAR Array B	77.53 335	P	P	21 51 21.6	-0.4
comp=Z,1.1nm,1.0s,baz=30,slow=6.0,SNR=3.0						
BURAR	Bucovina Array	78.75 319	P	P	21 51 29.4	+0.3
ELL	Elmali	81.42 307	P	P	21 51 43.9	+0.2
CLL	Collm	83.04 326	I	P	21 51 52.2	+0.4
GERES	GERESS Array B	84.28 324	P	P	21 51 58.0	-0.3
comp=Z,0.2nm,0.5s,baz=95,slow=8.2,SNR=3.5						
ESDC	Sonseca Array	86.62 327	P	Pd if	21 53 09.8	-0.3
comp=Z,0.7nm,0.8s,baz=11,slow=2.6,SNR=3.6						
comp=Z,0.7nm,0.8s						

JMA 02 21:50:15.8:0.1,24°N,122°11'E:0.5, h31km,4km, MV2.5/10, TAIWAN REGION
 TAP 02 21:50:15.9,24°33'N,122°10'E, h20km, ML2.8, B
 ISC 02 21:50:16.1±1.0,24°33'N,0.02:122°11'E:0.0, h20km,4km, n55, c0954/92, 13C-1D, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
EWUT	Wuta	0.32 292	Op	21 50 22.8	-0.3
EWUT	baz=292		eS	21 50 27.9	-0.1
ENA	Nanau	0.35 287	iP	21 50 23.2	-0.3
ENA	baz=287		S	21 50 29.1	+0.3
TWC	Suao	0.37 320	iP	21 50 23.5	-0.4
TWC	baz=322		Sg	21 50 28.6	-0.6
NDS	Dongshan	0.47 311	iP	21 50 25.5	-0.2
NDS	baz=311		eS	21 50 31.9	-0.3
ETL	Fush Village	0.47 250	eP	21 50 26.2	+0.5
ETL	baz=249		eS	21 50 34.9	-0.7
NACB	Ninganchiao	0.49 252	iP	21 50 25.8	-0.2
NACB	baz=252		eS	21 50 33.1	+0.3
TWD	Chiawan	0.53 242	eP	21 50 26.9	+0.2
TWD	baz=242		Pg	21 50 27.1	+0.1
EGS	baz=345		eS	21 50 36.4	-0.8
ILA	ilan	0.55 323	eP	21 50 27.4	+0.4
ILA	baz=324		eS	21 50 35.0	+0.5
TWE	Neicheng	0.56 315	P	21 50 27.2	-0.1
TWE	baz=316		eS	21 50 35.4	+0.4
LATG	Datong	0.57 292	iP	21 50 27.5	-0.1
LATG	baz=292		eS	21 50 35.5	+0.2
HWA	Hwalien	0.57 233	eP	21 50 30.0	+0.9
HWA	baz=232		iP	21 50 27.5	-0.2
ETLH	Xiulin Townshi	0.58 258	iP	21 50 36.0	+0.4
ETLH	baz=258		eS	21 50 27.8	0.0
NTC	Toucheng	0.58 335	iP	21 50 37.0	-1.3
NTC	baz=335		eS	21 50 28.3	+0.1
NDT	Datong Townshi	0.61 297	P	21 50 36.7	+0.3
NDT	baz=297		Pg	21 50 29.0	+0.1
FUSB	Fushanzhiwuyua	0.64 313	iP	21 50 39.2	-0.6
FUSB	baz=313		eS	21 50 30.9	+0.7
TEYL	Yanliu Villag	0.65 226	eP	21 50 29.4	+0.7
TEYL	baz=227		Pg	21 50 38.5	+0.2
NNSB	Datong	0.67 279	eP	21 50 29.5	+0.2
NNSB	baz=279		eS	21 50 29.3	0.0
NNSH	Datong	0.67 279	iP	21 50 38.4	0.0
NNSH	baz=279		eS	21 50 29.5	0.0
NNS	Nan Shan	0.68 280	eP	21 50 38.8	+0.1
NNS	baz=280		eS	21 50 30.2	-0.6
TWB1	Santiao Chiao	0.69 351	eP	21 50 41.4	+0.6
TWB1	baz=352		eS	21 50 29.8	0.0
TIPB	Shuangxi	0.69 338	iP	21 50 39.6	+0.5
TIPB	baz=339		eS	21 50 30.5	-0.5
NWL1	Wulai	0.71 309	eP	21 50 39.9	+0.3
NWL1	baz=310		eS	21 50 31.1	-0.5
YHNB	Yeheng	0.75 297	iP	21 50 41.4	-1.1
YHNB	baz=297		eS	21 50 31.3	-0.6
NSK	Sanguang	0.77 297	eP	21 50 41.2	-0.1
NSK	baz=297		eS	21 50 30.7	-0.2
JYNG	Yonagunijimaku	0.78 81	P	21 50 40.9	-0.1
JYNG	baz=81		eS	21 50 31.6	-0.1
WHF	Hehuan Shan	0.79 257	eP	21 50 41.8	-0.5
WHF	baz=257		eS	21 50 31.7	+0.1
FUSS	Fushou	0.79 265	eP	21 50 43.2	-0.5
FUSS	baz=264		eS	21 50 31.9	-0.3
SKX1	Grass Mountain	0.79 345	eP	21 50 32.4	+0.2
SKX1	baz=345		eS	21 50 32.7	+0.4
ESL	Shilin	0.80 231	eP	21 50 43.3	-0.4
ESL	baz=230		eS	21 50 32.4	+0.1
NWF	Wu-fen Shan	0.80 338	iP	21 50 43.2	-0.4
NWF	baz=339		eS	21 50 32.5	+0.3
WFSB	Wu-fen Shan	0.80 338	iP	21 50 43.2	-0.4
WFSB	baz=339		eS	21 50 32.4	+0.1
TWA	Mucha	0.81 324	eP	21 50 43.2	-0.6
TWA	baz=325		eS	21 50 32.9	+0.3
NHDH	Xindian Distri	0.83 320	eP	21 50 44.6	+0.4
NHDH	baz=321		eS	21 50 31.8	-0.2
YOJ	Yonaguni jima	0.84 80	I	21 50 43.5	0.0
YOJ	baz=80		P	21 50 31.7	-0.2
YOJ	Yonaguni jima	0.84 80	P	21 50 43.4	-0.2
YOJ	baz=80		S	21 50 33.6	+0.6
TATO	Taipai	0.86 319	eP	21 50 33.5	+0.1
TATO	baz=320		eP	21 50 34.0	+0.7
TDCB	Techi	0.87 265	eP		
TDCB	baz=265		eP		
TNOU	National Taiwa	0.88 340	eP		

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
TNOU	baz=340		eS	21 50 44.9	0.0
CHGB	Renai	0.89 253	eP	21 50 33.8	+0.1
CHGB	baz=253		Pg	21 50 34.5	+0.3
EGFH	Guangfu	0.90 224	eP	21 50 35.1	+0.4
EGFH	baz=223		Pg	21 50 37.3	-0.1
OWD	Renai	0.93 247	eP	21 50 35.3	+0.4
OWD	baz=246		eS	21 50 35.3	+0.4
NFF	Wufeng Townshi	0.95 289	eP	21 50 35.3	+0.4
NFF	baz=289		eS	21 50 37.3	-0.1
YMO8	YMO8	0.98 331	eP	21 50 35.3	+0.4
YMO8	baz=332		Pg	21 50 36.8	+1.3
TWS1	Kuangyinshan	0.99 321	eP	21 50 51.6	+3.0
TWS1	baz=321		eS	21 50 35.3	-0.2
HGSD	Ruisui	1.04 217	eP	21 50 37.5	-0.1
HGSD	baz=217		Pn	21 50 40.5	-0.1
YULB	Yu-I	1.19 219	eP	21 50 41.3	-0.3
YULB	baz=218		Pn	21 50 05.1	+0.1
FULB	Fuli	1.35 214	eP	21 50 40.5	-0.1
FULB	baz=213		Pn	21 50 41.3	-0.3
IRIF	Iriomote-Funau	1.48 89	P	21 50 42.1	-0.2
IRIF	baz=89		Sn	21 50 40.5	+0.1
EDH	Donghe	1.53 209	eP	21 50 02.1	-0.2
EDH	baz=208		Pn	21 50 05.8	+0.4
JKRS	Kuro-shima	1.74 92	P	21 50 46.8	+0.1
JKRS	baz=92		S	21 50 44.7	-0.6
LDUT	Ludao	1.75 200	eP	21 50 46.6	-0.2
LDUT	baz=199		Pn	21 51 09.9	+0.1
JJJ	Ishigaki jima	1.86 88	eP	21 50 48.7	-0.4
JJJ	baz=88		eS	21 51 22.8	+0.1
JISG	Ishigakijimahi	2.03 82	P		
JISG	baz=82		eS		
JTJ	Tarama	2.39 82	eS		
JTJ	baz=82		eS		

IDC 02 22:14:15.5:2.0,41°39'N,110°20'W, h0km, mbtp3.8/1, ML2.2/1, Error ellipse: s-maj=25.0km s-min=11.2km az=131.0
 UUSS 02 22:14:22.9:1.6,41°66'N,109°10'W, h0km, mbtp3.8/1, ML3.5/27, ML3.5/98(NEIC), Error ellipse: s-maj=6.1km s-min=3.3km az=130.0
 NEIC 02 22:14:23.6:1.6,41°69'N,109°10'W, h1km, mbtp3.8/1, Error ellipse: s-maj=6.1km s-min=3.3km az=120.0
 ANF 02 22:14:24.0:1.1,41°71'N,109°9'W, h1km, mbtp3.8/1, Error ellipse: s-maj=5.1km s-min=3.2km az=156.0
 ISC 02 22:14:24.0:0.8,41°57'N,109°9'W, h10km, n95, c1548/99, Wyoming

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
BMUT	Black Mountain	0.99 287	Pg	22 14 42.3	-0.8
RSUT	Red Spur Mount	1.09 269	Pg	22 14 44.5	-0.5
LHUT	Little Humpy P	1.10 225	Pg	22 14 44.5	-0.7
BW06	Boulder Array	1.14 15	Pg	22 14 44.4	-1.5
BW06	905nm,0.6s		IAML	22 15 05.9	
BW06	604nm,0.6s		IAML	22 15 06.0	
BW06	Boulder Array	1.14 15	Pg	22 14 44.5	-1.5
BW06	baz=194		S	22 15 02.1	+0.1
PD31	Pinedale Array	1.14 15	Pg	22 14 44.4	-1.5
PDAR	Pinedale Array	1.14 15	Pg	22 14 44.4	-1.5
PDAR	40nm,0.3s,baz=188,slow=14,SNR=430		Lg	22 15 01.4	
RDMU	Red Mountain	1.14 165	Pb	22 14 44.1	-1.9
RDMU	199nm,0.3s,baz=196,slow=30,SNR=18		IAML	22 15 04.8	
RDMU	comp=N,1,1um,0.7s		IAML	22 15 05.1	
MCU	Monte Cristo P	1.18 260	Pb	22 14 45.4	-1.3
HWUT	Hardware Ranch	1.20 267	IAML	22 14 45.8	-0.2
HWUT	comp=E,625nm,0.7s		IAML	22 15 08.5	
TCUT	Toone Canyon	1.22 244	Pb	22 14 46.4	-1.0
BSUT	Blindstream Ca	1.28 208	Pn	22 14 46.9	-1.5
N16A	Rees Ranch, Co	1.36 235	Pn	22 14 49.2	-0.1
HTU	Hot Peak	1.38 224	Pn	22 14 49.0	-0.6
AHD	Auburn Hatcher	1.38 323	Pn	22 14 49.1	-0.5
AHD	comp=E,1,1um,0.8s		IAML	22 15 12.9	
KLJ	Keetly	1.51 227	Pn	22 14 51.5	+0.2
RCJ	Ross Creek	1.51 228	Pn	22 14 51.7	+0.4
HJL	Hailstone	1.52 226	Pn	22 14 51.7	+0.3
GZU	Grizzly Peak	1.53 261	Pn	22 14 52.3	+0.6
JLU	Jordanville	1.55 227	Pn	22 14 52.5	+0.1
DAU	Daniels Canyon	1.55 218	Pn	22 14 52.8	+0.2
MLI	Malad Range	1.66 283	Pn	22 14 54.2	+0.9
CTU	Camp Tracy	1.67 235	Pn	22 14 54.0	+0.5
CTU	comp=E,454nm,1.1s		IAML	22 15 19.6	
LTU	Little Mountai	1.71 268	Pn	22 14 55.0	+0.9
ECR	Eagle Creek	1.73 323	Pn	22 14 55.2	+0.7
REDW	Red Top Meadow	1.81 339	Pn	22 14 56.0	+0.4
EPU	East Promontor	1.86 262	Pn	22 14 57.5	+1.4
SNOW	Snow King Moun	1.88 342	Pn	22 14 57.5	+0.9
SNOW	comp=E,725nm,1.2s		IAML	22 15 28.8	
TPAW	Teton Pass	1.96 338	Pn	22 14 58.1	+0.5
TPAW	comp=E,225nm,0.8s		IAML	22 15 27.9	
EMUT	Emms Park	1.96 200	Pn	22 14 59.5	+1.9
NPI	North Pocatell	1.97 285	Pn	22 14 58.9	+1.3
LOHW	Long Hollow	2.00 347	Pn	22 14 58.3	+0.2
LOHW	comp=E,633nm,0.9s		IAML	22 15 28.1	
LOHW	comp=E,435nm,1.0s		IAML	22 15 29.8	
O20A	White River Ci	2.01 139	Pn	22 14 59.3	+1.0
O20A	comp=N,531nm,0.9s		Pn	22 15 30.7	
O20A	White River Ci	2.01 139	P	22 14 59.9	+1.7
O20A	baz=320		S	22 15 27.3	+1.2
DCM	Dugout Coal Mi	2.03 194	Pn	22 15 00.4	+1.8
ROA	Roan Cliffs	2.03 189	Pn	22 15 00.1	+1.5
P18A	Preston Nutter	2.05 186	Pn	22 15 00.2	+1.3
P18A	comp=E,218nm,0.8s		IAML	22 15 31.0	
RWWY	Rawlins	2.06 89	Pn	22 15 59.6	+0.6
RWWY	comp=N,257nm,0.6s		IAML	22 15 30.6	
SNUT	Stansbury Nort	2.07 249	Pb	22 15 01.4	-0.5
MPU	Maple Canyon	2.08 218	Pn	22 15 00.7	+1.4
HVU	Hansel Villag	2.11 274	Pn	22 14 58.6	+0.1
FXWY	Fox Creek	2.12 309	Pn	22 15 00.9	+1.2
MOOW	Moose Pond	2.15 345	Pn	22 15 01.1	+0.8
NLU	North Lily Min	2.35 224	Pn	22 15 03.7	+0.8
BGU	Big Grassy Mou	2.43 253	Pn	22 15 05.7	+1.7
BGU	comp=N,120nm,0.9s		IAML	22 15 47.1	
BGU	comp=E,116nm,1.0s		IAML	22 15 52.2	
FLWY	Flagg Ranch	2.47 348	Pn	22 15 05.4	+0.8
FLWY	comp=E,191nm,1.4s		IAML	22 15 47.5	
FLWY	comp=E,248nm,1.4s		IAML	22 16 12.7	
TMUT	Trail Mountain	2.56 202	Pn	22 15 07.0	+1.2
TM					

2d 22h

comp=E,1.8nm,0.5s									
H03S1	Juan Fernandez	9.77 338	T	T	22 30 52.2				
baz=159									
H03S2	Juan Fernandez	9.78 338	T	T	22 30 50.9				
baz=159									
H03S3	Juan Fernandez	9.79 338	T	T	22 30 51.4				
baz=159									
CPUP	Villa Florida	21.75 46	P	P	22 23 15.3 -1.0				
comp=E,1.7nm,0.7s,baz=215,slow=11,SNR=5.6									
comp=E,1.7nm,0.7s									
TXAR	Lajitas Array	76.81 334	P	P	22 30 16.5 0.0				
comp=E,0.2nm,0.7s,baz=148,slow=7.1,SNR=2.4									
H11S2	WAKE ISLAND HY23.35 265	T	T	00 52 30.1					
baz=130,slow=75,SNR=6.9									
H11S1	WAKE ISLAND HY23.35 265	T	T	00 52 31.8					
baz=130,slow=75,SNR=3.8									
H11S3	WAKE ISLAND HY23.35 265	T	T	00 52 31.4					
baz=130,slow=75,SNR=4.5									

IDC 02 22:25:52.9.1.4,175N,125.90E,h0km,mb3.5/4,
mbtmp3.5/4,MS3.0/1,Error ellipse: s-maj=146.1km
s-min=21.0km az=68.0, Northern Molouca Sea

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
WRA	Warramunga Arr	23.09 159	P	P	22 31 00.1	-0.4
0.7nm,0.4s,baz=338,slow=11,SNR=17						
ASAR	Alice Springs	26.44 163	P	P	22 31 31.9	+0.3
0.3nm,0.6s,baz=347,slow=8.1,SNR=7.6						
USRK	Ussuriysk Ar.	42.61 6	LR	LR	22 51 01.1	
comp=Z,16m,1.92s,baz=203,slow=35						
SOMM	Songino Array	48.91 343	P	P	22 34 41.3	+0.5
0.3nm,0.6s,baz=142,slow=7.3,SNR=2.4						
MKAR	Makanchi Array	58.72 326	P	P	22 35 52.1	-0.4
0.3nm,0.6s,baz=119,slow=8.3,SNR=12						

KRNET 02 22:28:50.8.0.1,39.47N,73.67E,mb2.9
SOME 02 22:28:55.8,39.57N,73.93E,h0km
ISC 02 22:28:47.6.2.0,39.31N,0.09,73.91E,0.06,h10km,n11,
r154/21,Greenland Sea

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
OHH	Osh	1.49 325	P	P	22 29 14.6	-0.9
baz=27						
OHH	Osh	1.49 325	P	P	22 29 14.6	-0.9
baz=27						
BTK	Batken	2.50 288	P	P	22 29 31.6	-1.1
baz=86						
BTK	Batken	2.50 288	P	P	22 29 31.6	-1.1
baz=86						
GAR	Garm	2.81 265	P	P	22 29 36.9	-1.1
baz=61						
GAR	Garm	2.81 265	P	P	22 29 36.9	-1.1
baz=61						
UCH	Uchtor	2.95 91	P	P	22 29 39.1	-1.5
baz=13						
UCH	Uchtor	2.95 91	P	P	22 29 39.1	-1.5
baz=13						
MRKS	Merke	3.47 352	P	P	22 29 54.9	+0.8
2.3nm,0.2s						
MRKS	Merke	3.47 352	P	P	22 29 54.9	+0.8
2.3nm,0.2s						
KST	Kasteik	4.04 22	P	P	22 30 07.6	+2.6
1.7nm,0.4s						
KST	Kasteik	4.04 22	P	P	22 30 07.6	+2.6
1.7nm,0.4s						
DZA	Taraz	4.08 332	P	P	22 30 07.8	+2.1
4.3nm,0.4s						
DZA	Taraz	4.08 332	P	P	22 30 07.8	+2.1
4.3nm,0.4s						
IUG	luzhny	4.09 315	P	P	22 30 09.9	+3.9
94nm,0.8s						
IUG	luzhny	4.09 315	P	P	22 30 09.9	+3.9
94nm,0.8s						
DGS	Degeres	4.17 19	P	P	22 30 10.1	+2.6
13nm,0.8s						
DGS	Degeres	4.17 19	P	P	22 30 10.1	+2.6
13nm,0.8s						
DGS	Degeres	4.17 19	P	P	22 30 10.1	+2.6
1.6nm,0.5s						
DGS	Degeres	4.17 19	P	P	22 30 10.1	+2.6
1.6nm,0.5s						
SGDS	Sogindy	4.17 7	P	P	22 30 08.5	+1.0
0.7nm,0.0s						
SGDS	Sogindy	4.17 7	P	P	22 30 08.5	+1.0
0.7nm,0.0s						
SGDS	Sogindy	4.17 7	P	P	22 30 08.5	+1.0
0.7nm,0.0s						
SRBS	Karabastau	4.58 16	P	P	22 30 17.1	+1.8
2.3nm,0.6s						
SRBS	Karabastau	4.58 16	P	P	22 30 17.1	+1.8
2.3nm,0.6s						
SRBS	Karabastau	4.58 16	P	P	22 30 17.1	+1.8
1.0nm,0.7s						
SRBS	Karabastau	4.58 16	P	P	22 30 17.1	+1.8
2.6nm,0.8s						

BER 02 22:38:18.6.1.6,74.40N,8.63E,h10km,ML1.9,
ML3.0(NAO), Confirmed Earthquake

NAO 02 22:38:22.6,74.72N,9.49E,h12km,ML3.0
ISC 02 22:38:12.2.1.5,74.29N,0.09,8.28E,0.07,h10km,n14,
r184/21,Greenland Sea

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
BJO1	Bjornoya	2.91 81	Pn	Pn	22 39 04.0	0.0
0.1nm,0.7s						
BJO1	Bjornoya	2.91 81	Pn	Pn	22 39 04.0	0.0
0.1nm,0.7s						
BJO1	Bjornoya	2.91 81	Pn	Pn	22 39 02.6	-1.4
0.1nm,0.7s						
BJO1	Bjornoya	2.91 81	Pn	Pn	22 39 32.9	-0.4
0.1nm,0.7s						
BJO1	Bjornoya	2.91 81	Pn	Pn	22 39 34.0	
0.1nm,0.7s						
BRBA	Barentsburg A	4.05 18	Pn	Pn	22 39 15.9	+1.9
comp=Z,11nm,0.3s						
BRBA	Barentsburg A	4.05 18	Pn	Pn	22 39 16.4	+2.3
0.1nm,0.7s						
BRBA	Barentsburg A	4.05 18	Pn	Pn	22 40 00.7	-0.8
0.1nm,0.7s						
BRBA	Barentsburg A	4.05 18	Pn	Pn	22 40 04.8	
0.1nm,0.7s						
BRBB	Barentsburg B	4.08 18	Pn	Pn	22 39 16.4	+1.9
comp=Z,3.0nm,0.3s						
BRBB	Barentsburg B	4.08 18	Pn	Pn	22 39 16.5	+2.0
0.1nm,0.7s						
BRBB	Barentsburg B	4.08 18	Pn	Pn	22 40 00.3	-1.9
0.1nm,0.7s						
BRBB	Barentsburg B	4.08 18	Pn	Pn	22 39 20.8	+2.4
0.1nm,0.7s						
SPAO	Spitsbergen Ar	4.36 22	Pn	Pn	22 39 20.8	+2.4
baz=203,slow=14						
SPAO	Spitsbergen Ar	4.36 22	Pn	Pn	22 39 20.8	+2.4
baz=203,slow=14						
SPAO	Spitsbergen Ar	4.36 22	Pn	Pn	22 40 06.8	
0.1nm,0.7s						
SPAO	Spitsbergen Ar	4.36 22	Pn	Pn	22 40 06.8	
0.1nm,0.7s						
KBS	Kingsbay	4.74 9	Pn	Pn	22 39 25.0	+1.4
comp=Z,4.7nm,0.6s						
KBS	Kingsbay	4.74 9	Pn	Pn	22 39 25.7	+2.1
0.1nm,0.7s						
KBS	Kingsbay	4.74 9	Pn	Pn	22 40 17.0	-1.5
0.1nm,0.7s						
KBS	Kingsbay	4.74 9	Pn	Pn	22 40 23.0	
0.1nm,0.7s						
HOPEN	Hopen	4.78 54	Pn	Pn	22 39 25.4	+1.3
comp=Z,3.8nm,0.6s						
HOPEN	Hopen	4.78 54	Pn	Pn	22 40 17.2	-2.1
0.1nm,0.7s						
HOPEN	Hopen	4.78 54	Pn	Pn	22 39 26.1	+2.1
0.1nm,0.7s						
HOPEN	Hopen	4.78 54	Pn	Pn	22 40 17.3	-2.0
0.1nm,0.7s						
HOPEN	Hopen	4.78 54	Pn	Pn	22 40 23.9	
0.1nm,0.7s						
ARA0	ARCESS Array S	7.15 123	Pn	Pn	22 40 05.8	+9.2
comp=Z,12nm,0.9s						
ARA0	ARCESS Array S	7.15 123	Pn	Pn	22 41 17.6	-0.2
0.1nm,0.7s						
DBG	Daneborg	7.69 284	eS	Sn	22 41 29.1	-1.8
0.1nm,0.7s						

KRNET 02 22:55:52.9.0.1,39.46N,73.60E,mb3.4
SOME 02 22:55:53.9,39.57N,73.67E,h5km
NNC 02 22:55:55.9.1.1,39.61N,73.65E,h0km,mb3.7,mpv3.3,
Error ellipse: s-maj=8.7km s-min=4.6km az=166.0
ISC 02 22:55:49.5.1.4,39.46N,0.05,73.66E,0.03,h16km,12km,
n43,r138/69,12C-13D,Tajikistan-Xinjiang border
region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
OHH	Osh	1.26 328	P	P	22 56 16.0	+2.1
baz=30						
OHH	Osh	1.26 328	P	P	22 56 16.0	+2.1
baz=30						
OHH	Osh	1.26 328	P	P	22 56 33.0	+3.8
0.1nm,0.7s						
DRK	Karamyk	1.44 271	P	P	22 56 19.0	+1.7
baz=72						
DRK	Karamyk	1.44 271	P	P	22 56 19.0	+1.7
baz=72						
BTK	Batken	2.27 286	P	P	22 56 32.6	-0.5
baz=86						
BTK	Batken	2.27 286	P	P	22 56 32.6	-0.5
baz=86						
BTK	Batken	2.27 286	P	P	22 57 01.4	-1.2
0.1nm,0.7s						
GAR	Garm	2.63 261	P	P	22 56 37.5	+1.1
baz=61						
GAR	Garm	2.63 261	P	P	22 56 37.5	+1.1
baz=61						
GAR	Garm	2.63 261	P	P	22 57 10.2	+1.6
0.1nm,0.7s						

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Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
UCH	Uchtor	2.84 131	eP	Pb	22 56 41.5	+1.3
baz=14						
UCH	Uchtor	2.84 131	eP	Pb	22 56 41.5	+1.3
baz=14						
MRKS	Merke	3.30 354	eP	Pg	22 56 55.4	+2.6
3.3nm,0.2s						
MRKS	Merke	3.30 354	eP	Pg	22 56 55.4	+2.6
3.3nm,0.2s						
MRKS	Merke	3.30 354	eP	Pg	22 56 34.4	+1.6
3.1nm,0.7s						
MRKS	Merke	3.30 354	eP	Pg	22 56 34.4	+1.6
3.1nm,0.7s						
MRKS	Merke	3.30 354	eP	Pg	22 57 57.8	
2.1nm,0.1s						
KBK	Karagaybulak	3.34 17	P	Pb	22 56 48.1	-0.4
31nm,0.7s						
KBK	Karagaybulak	3.34 17	P	Pb	22 56 48.1	-0.4
31nm,0.7s						
ULHL	Ulaloh	3.41 34	eP	Pb	22 56 49.2	-0.4
baz=17						
ULHL	Ulaloh	3.41 34	eP	Pb	22 56 49.2	-0.4
baz=17						
ULHL	Ulaloh	3.41 34	eP	Pb	22 57 30.3	-0.5
0.1nm,0.1s						
ULHL	Ulaloh	3.41 34	eP	Pb	22 57 30.3	-0.5
0.1nm,0.1s						
CHGR	Chuyangaron	3.59 259	eP	Pb	22 56 50.9	-1.8
baz=58						
CHGR	Chuyangaron	3.59 259	eP	Pb	22 56 50.9	-1.8
baz=58						
CHGR	Chuyangaron	3.59 259	eP	Pb	22 57 33.2	-2.9
0.1nm,0.1s						
CHGR	Chuyangaron	3.59 259	eP	Pb	22 57 33.2	-2.9
0.1nm,0.1s						
CHMS	Chumysh	3.63 13	P	Pg	22 56 59.6	+0.5
4.2nm,0.8s						
CHMS	Chumysh	3.63 13	P	Pg	22 56 59.6	+0.5
4.2nm,0.8s						
TKM2	Tokmak 2	3.76 22	P	Pg	22 57 02.8	+1.3
7.7nm,0.8s						
TKM2	Tokmak 2	3.76 22	P	Pg	22 57 02.8	+1.3
7.7nm,0.8s						
TKM2	Tokmak 2	3.76 22	P	Pg	22 57 51.6	
2.8nm,0.6s						
TKM2	Tokmak 2	3.76 22	P	Pg	22 57 51.6	
2.8nm,0.6s						
IUG	luzhny	3.85 315	eP	Pg	22 57 02.9	-0.3
152nm,0.8s						
IUG	luzhny	3.85 315	eP	Pg	22 57 02.9	-0.3
152nm,0.8s						
IUG	luzhny	3.85 315	eP	Pg	22 57 52.5	
4.4nm,0.8s						
IUG	luzhny	3.85 315	eP	Pg	22 5	

Table with columns: CHOS, Chios island, 1.45 256, P, Pn, 23 14 34.3 -0.3, comp=Z,48nm,18.7s,baz=250,slov=38, HFS Hagfors, 23 19 342 LR, 23 29 47.0, etc.

Table with columns: ESDC, Sonsea Array, 24.59 292 P, 23 19 30.8 +2.1, NOA NORSAR Array B, 24.59 340 LR, 23 29 45.8, etc.

Table with columns: FAKI, Fak Fak, 6.32 38 P, 23 31 06.6 -1.5, FAKI, Fak Fak, 6.32 38 P, 23 31 08.2 +0.1, EDFI, Ende, Flores, 6.62 262 P, 23 31 12.9 +0.6, etc.

DJA 02:23:29.36.9.0.7.8'S:2.12'8"E, h37km, 11km, M4.6/15, mb5.3/3, mb4.6/15, MLV4.6/15, Mw(mb)4.7/3, NEIC 02:23:29.38.1.2.5.7.84S:0.08.128.28E:0.07, h80km, 7km, mb4.4/23, Error ellipse: s-maj=11.2km s-min=10.3km z=216.0

Table with columns: IDC 02:23:29.40.3.4.2.7.69S:128.32E, h101km, 39km, mb3.9/10, mbmp4.2/11, MS3.4/2, Error ellipse: s-maj=31.7km s-min=15.1km az=75.0, ISC 02:23:29.57.5.0.4.7.93S:0.05.128.33E:0.07, h80km, n83, i165/84, mb4.4/22, Banda Sea

Table with columns: JMA 02:23:31:52.0.0.3.24'N:2.122'0E:0.8, h58km, 3km, MV2.1/8, TAIWAN REGION, TAP 02:23:31:53.0.2.34'N:122.04E, h27km, ML2.9, C, ISC 02:23:31:53.1.1.0.2.432N:0.02:122.06E:0.02, h25km, 8km, n173, +084/132, 2C, Taiwan region

Table with columns: Station Name, Az, El, P, S, Sn, Ss, Time, Res. Includes stations like ETL Fush Village, NDS Dongshan, NACB Ninganchiao, etc.

Table with columns: Station Name, Az, El, P, S, Sn, Ss, Time, Res. Includes stations like NCUH, TWY Chenuha, EHY Hungye, etc.

Table with columns: Station Name, Az, El, P, S, Sn, Ss, Time, Res. Includes stations like PTL Penteli, DION Dionisios Attik, etc.

3d 0h

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SGDS, DGS, KK31, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like BLB, PDGK, KTMS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like AUQ, AUV, PDGK, etc.

IDC 03 00:23:55.0-1.8, 1.37N-91.75E, h0km, mb3.5/4, mblmp3.6/5, ML3.0/1, Error ellipse: s-maj=62.2km s-min=31.4km az=41.0

ISC 03 00:23:55.6-1.5, 1.3N-91.3E, h10km, n12, e1929/6, mb3.5/4, North Indian Ocean

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like PALK, H0S2, H0S3, etc.

IDC 03 00:27:25.8-2.3, 59.87N-153.65W, h2km, 27km, mb3.3/2, mblmp3.7/4, M3.2/1, Error ellipse: s-maj=39.5km s-min=18.4km az=82.0

NEIC 03 00:27:28.3-0.9, 59.85N-153.152W, 0.0/7, h106km, 4km, Error ellipse: s-maj=5.1km s-min=4.6km az=114.0

AEIC 03 00:27:29.1-1.1, 59.85N-153.152W, 0.0/7, h101km, 4km, ML3.0, M3.3, 1/128(NEIC), Error ellipse: s-maj=5.0km s-min=4.5km az=112.0

ISC 03 00:27:28.5-0.9, 59.85N-153.152W, 0.0/4, h107km, 5km, n200, e075/178, Southern Alaska

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Thorofore Moun, KTH, M24K, RND, CHUM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSRA, PRK, CHOS, GPNR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUS, SEM, ZSN, KURK, etc.

ATH 03 00:29:12.9, 38°85'N-25°95'E, h30km, 1km, ML2.6/6, Error ellipse: s-maj=2.0km s-min=1.0km az=84.0

KRSC 03 00:35:54.5, 55°44'N-162°90'E, h60km, 15km, ML3.7, Near east coast of Kamchatka Peninsula

IDC 03 01:11:05.5, 1.9, 24:55N, 121.98E, h0km, mb3.5/4, mldmp3.5/4, MS2.8/1, Error ellipse: s-maj=164.1km

TAP 03 01:11:06.2, 24°72'N, 122°34'E, h10km, ML3.7, C JMA 03 01:11:07.4, 1.24°6N, 0.9, 122°3E, 0.3, h32km, 3km, MV3.4/10, TAIWAN REGION

ISC 03 01:11:05.6, 1.0, 24°63'N, 02°122'40'E, 0.02, h10km, 8km, n94, c092/172, mb3.6/4, 1C-2D, Taiwan region

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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 NNSB Datong, NSK Sanguang, NNS Nan Shan, ANP Anpu, HWA Hwalien, TWS1 Kuangyinsshan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PARAL Paralimni, PARAL Paral, PARAL Paral, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TEKE Tekeli-Mersin, SILJ Silifke-Mersin, BERE Bereket-Mersin, etc.

ellipse: s-maj=4.5km s-min=1.4km az=10.0
 IDC 03 01:32:05.4.0,35.99N-29.76E,h0km,mb3.9/9,
 mbmp3.8/18,ML3.7/9,MS2.8/6,Error ellipse:
 s-maj=16.2km s-min=13.4km az=4.0
 ISK 03 01:32:06.1,36.07N-29.72E,h5km,ML3.8/44
 DDA 03 01:32:06.0,36.08N-29.65E,h5km,1km,MW3.8
 THE 03 01:32:07.5,36.05N-29.73E,h0km,2km,ML3.6/7,Error
ellipse: s-maj=5.9km s-min=0.7km az=115.0
 NIC 03 01:32:09.4,0.36,05N:30.01E,h1km,31km,M3.6/2
 HLW 03 01:32:11.3,35.76N-29.67E,h19km,19km,M0.4,1,M4.0
 ISC 03 01:32:05.5.3.36,02N-0.03-29.69E,0.02,h1km,9km,
 i150.0,1929/185,mb3.9/10,Turkey

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h	s
KSL	Kastellorizon	0.16	327	P	Sg	01 32 07.8	-0.8
KSL				P	Pg	01 32 10.3	-0.3
KSL				P	AML	01 32 11.3	
KSL				P	AML	01 32 12.9	
AKAS	Kas	0.23	342	PG	Sg	01 32 09.7	-0.2
AKAS				SG	Pg	01 32 13.6	+0.8
AKAS	Kas	0.23	342	P	Pg	01 32 09.7	-0.2
AKAS				S	SG	01 32 12.9	+0.7
AKAS				S	AML	01 32 14.0	
DEMIR	Demre-Antalya	0.28	39	PG	Pg	01 32 11.2	+0.3
DEMIR				SG	Sg	01 32 14.2	+0.3
ELI	Elmalı	0.75	14	PG	Pg	01 32 18.9	-1.0
FETY	Fethiye	0.79	322	PG	Pg	01 32 21.3	-0.8
FETY				SG	Sb	01 32 22.8	-0.5
FETY	Fethiye	0.79	322	P	Pg	01 32 22.7	-1.1
FETY				S	Sg	01 32 23.8	-2.5
FETY				S	Pg	01 32 23.3	+0.3
KEMT	Kemer-ANTALYA	0.91	50	PG	Pg	01 32 23.9	+0.3
CAME	Carneli-Denizli	0.97	341	PG	Pg	01 32 23.9	+0.3
CAME				SG	Sb	01 32 28.3	-0.5
KORK	Korkueü	1.12	28	PG	Pg	01 32 26.8	-0.1
KORK	Korkueü	1.12	28	P	Pg	01 32 25.2	-1.7
KORT				S	Sg	01 32 46.5	+1.9
KORT				AML	AML	01 32 52.0	
CAEL	Denizli, Camel	1.14	345	P	Pg	01 32 27.0	-0.5
DALY	Dalyan (Mula)	1.16	314	PN	Pn	01 32 28.5	-0.4
DALY				SN	Pn	01 32 44.7	-0.6
ANTB	Antalya	1.18	41	PN	Pg	01 32 28.2	+0.1
GOLH	Golhisar	1.22	355	P	Pg	01 32 29.9	+0.3
GOLH				S	SN	01 32 49.9	+2.7
GOLH				iAML	AML	01 32 52.0	
ARG	Arkhangelos	1.28	279	P	Pn	01 32 53.0	
ARG				S	SN	01 32 31.1	+0.5
ARG				S	SN	01 32 49.8	+1.4
ARG	Arkhangelos	1.28	279	PN	Pn	01 32 31.2	+0.6
ARG	Arkhangelos	1.28	279	P	Pn	01 32 30.9	+0.3
ARG				S	SN	01 32 48.7	+0.3
ARG				AML	AML	01 33 01.6	
ARG	Arkhangelos	1.28	279	PN	Pn	01 33 01.8	
TURN	Turunc	1.39	303	PN	Pg	01 32 32.7	+0.5
TURN	Turunc	1.39	303	P	Pg	01 32 32.5	+0.3
TURN				S	SN	01 32 53.0	+1.9
TURN				iAML	AML	01 33 04.0	
BUCA	Burdur, Bucak	1.48	28	P	Pn	01 32 33.0	-0.4
APMY	Acipayam-Deniz	1.48	348	PN	Pg	01 32 33.7	+0.1
TAVA	DENIZLI_Tavas	1.57	337	P	Pg	01 32 35.8	+0.1
TAVA				S	SG	01 32 58.3	+2.2
TAVA				iAML	AML	01 33 04.0	
TAVA				iAML	AML	01 33 07.0	
YER	Yerkesik	1.59	315	P	Pg	01 32 35.8	-0.2
YER				S	SG	01 32 58.0	+1.4
YER	Yerkesik	1.59	315	PN	Pg	01 32 35.8	-0.2
BCK	Bucak	1.61	26	PN	Pn	01 32 35.5	+0.3
MULA	Mugla, Merkez-	1.66	319	PN	Pg	01 32 37.8	+0.5
MULA				S	SG	01 32 57.5	-1.2
MULA				iAML	AML	01 33 03.0	
MULA				iAML	AML	01 33 03.0	
BRDR	Burdur-Merkez	1.70	10	P	Pg	01 32 38.4	+0.2
BRDR				S	SG	01 33 00.3	+0.1
KEPZ	Antalya-Kepez	1.78	60	P	Pb	01 32 39.3	+0.3
SUTC	Sutcu-Ispart	1.80	35	PN	Pn	01 32 37.1	-0.7
DAT	Datca	1.85	293	P	Pn	01 32 38.9	+0.4
DAT				SN	Pg	01 33 04.7	-0.1
DAT	Datca	1.85	293	PN	Pn	01 32 39.1	-1.1
DAT	Datca	1.85	293	P	Pb	01 32 39.2	-0.9
BASM	Basmaki-Afyon	1.92	9	PN	Pn	01 32 40.0	+0.5
BDRM	Kayabasi	2.09	301	P	Pn	01 32 42.5	+0.7
KARP	Karpathos	2.11	258	P	Pn	01 32 43.4	+1.4
KARP				S	SN	01 33 09.7	+0.8
KARP	Karpathos	2.11	258	PN	Pn	01 32 43.5	+1.4
KARP	Karpathos	2.11	258	P	Pn	01 32 43.3	+1.3
KARP				AML	AML	01 33 15.2	
KARP				AML	AML	01 33 15.3	
NIS1	Nisyros Isl.	2.11	287	P	Pn	01 32 42.6	+0.6
NIS1				Sb	Sb	01 33 10.0	-1.3
NIS1	Nisyros Isl.	2.11	287	PN	Pn	01 32 42.9	+0.9
NIS1	Nisyros Isl.	2.11	287	P	Pn	01 32 42.5	+0.5
GAZI	Gazipasa	2.14	83	PN	Pn	01 32 42.9	+0.5
GAZI	Gazipasa	2.14	83	P	SN	01 32 41.1	-1.3
GAZI				S	SN	01 33 09.3	-0.3
GAZI				iAML	AML	01 33 17.0	
BAGO	Egridir- ISPA	2.16	24	P	Pb	01 32 44.9	-0.5
BODT	Bodrum	2.18	299	P	Pb	01 32 44.3	+0.4
BODT				Sb	Sb	01 33 12.0	-1.4
BODT	Bodrum	2.18	299	PN	Pn	01 32 43.9	+0.6
AYDN	Tasuluk	2.19	319	P	Pg	01 32 45.7	-0.3
AYDN				S	SN	01 33 15.5	-0.4
AYDN				iAML	AML	01 33 20.0	
SEDI	Konya, Seydisse	2.19	49	P	Pb	01 32 45.9	-0.2
SEDI				S	SG	01 33 17.5	+1.5
SEDI				iAML	AML	01 33 21.0	
SEDI				iAML	AML	01 33 22.0	
SEYD	Seydisehir-KON	2.21	51	PN	Pn	01 32 44.0	+0.4
KZIL	AFYON_Kizioron	2.26	9	P	Pb	01 32 45.5	-1.8
KZIL				S	SG	01 33 16.1	-2.2
KZIL				iAML	AML	01 33 28.0	
KOSK	Kos Island	2.31	289	PN	Pn	01 32 46.3	-1.6
PASA	Karahalli, USA	2.33	356	P	Pb	01 32 45.8	+0.7
AKMS	Akamass	2.38	114	P	Pn	01 32 45.7	-0.1
AKMS				S	SN	01 33 16.2	+0.6
AKMS				AML	AML	01 33 18.3	
AKMS				AML	AML	01 33 18.3	
AKMS				AML	AML	01 33 20.2	
AKMS				AML	AML	01 33 20.2	
AYDB	Zeytinokuy-Aydi	2.40	324	PN	Pn	01 32 47.1	+0.9
HADM	Hadim	2.44	66	PN	Pn	01 32 47.5	+0.7
ALFC	Aleka	2.52	109	S	Pn	01 33 18.0	+0.3
ALFC				S	SN	01 33 20.5	+1.3
ALFC				AML	AML	01 33 21.8	
ALFC				AML	AML	01 33 21.8	
YVAC	Isparta, Yalva	2.57	28	P	Pb	01 32 50.7	-1.8
GCAM	G7zelcaml	2.59	311	PN	Pn	01 32 49.4	+0.8
GCAM	G7zelcaml	2.59	311	P	Pb	01 32 51.5	-1.2
DOGA	KONYA_Doganhis	2.62	37	P	Pb	01 32 52.4	-0.9
DOGA				Sb	Sb	01 33 25.9	-0.2
DOGA				iAML	AML	01 33 31.0	
DOGA				iAML	AML	01 33 37.0	
SHUT	Suhut-Afyon	2.62	15	PN	Pn	01 32 49.7	+0.5

KULA	Kula-Manisa	2.62	342	P	Pn	01 32 49.2	0.0
KULA				SN	SN	01 33 21.6	-0.1
KULA	Kula-Manisa	2.62	342	PN	Pn	01 32 49.7	+0.5
NATA	Nata	2.66	117	P	Pn	01 32 50.4	+0.8
USAK	Uak-Merkez	2.74	349	P	Pn	01 32 51.2	+0.4
LEF	Lefka	2.76	108	PN	Pn	01 32 51.7	+0.1
LEF	Lefka	2.76	108	P	Pn	01 32 52.7	+1.7
TEKE	Tekeli-Mersin	2.78	86	PN	Pn	01 32 52.2	+0.0
SMG	Samos	2.84	307	P	S	01 32 52.1	0.0
SMG				SN	SN	01 33 27.7	+0.7
SMG	Samos	2.84	307	P	Pn	01 32 52.3	+0.2
KBKE	Karaman, Kazim	2.88	64	P	Pn	01 32 55.2	+2.5
KONT	Konya-Tatoy	2.88	47	PN	Pn	01 32 53.9	+0.9
KONT	Konya-Tatoy	2.88	47	P	Pn	01 32 54.9	+2.3
BERE	Bereket-Mersin	2.88	92	PN	Pn	01 32 53.9	+1.2
SZAC	Satun	2.90	115	P	Pn	01 32 54.6	+1.7
ZKR	Zakros	2.97	253	P	Pn	01 32 55.8	+1.9
ZKR				S	SN	01 33 32.6	+2.4
ZKR	Zakros	2.97	253	PN	Pn	01 32 55.8	+1.9
ZKR				SN	SN	01 32 55.7	+1.8
ZKR	Zakros	2.97	253	PN	Pn	01 32 55.7	+1.0
GDZ	Gezlik	3.05	356	PN	Pn	01 32 56.4	+1.6
STIA	Sitia Lasithi	3.04	256	P	S	01 33 34.5	+2.6
STIA				S	SN	01 33 34.5	+2.6
STIA	Sitia Lasithi	3.04	256	P	Pn	01 32 56.6	+1.8
LAOK	Ladiki-KONYA	3.05	44	PN	Pn	01 32 55.8	+0.7
GDZ	Gezlik	3.05	356	P	Pn	01 32 55.5	+0.1
KRIMN	Karaman	3.10	67	PN	Pn	01 32 56.5	+0.8
SIMA	Simav-Kutahya	3.11	350	PN	Pn	01 32 55.8	-0.1
DEMI	Demirci	3.12	346	P	Pn	01 32 55.5	-0.4
AKKU	Akkuyu-Mersin	3.13	86	PN	Pn	01 32 57.1	+1.1
CSG	Chios Islands	3.15	108	PN	Pn	01 32 56.4	+0.4
CSS	Mathiatis	3.15	108	P	Pn	01 32 56.8	+0.4
CSS	Mathiatis	3.15	108	P	Pn	01 32 55.4	-0.9
ASGA	Asgata	3.16	112	P	Pn	01 32 57.1	+0.7
LFK	Lefkose	3.22	102	PN	Pn	01 32 58.9	+1.6
ISLIK	Islik	3.24	95	PN	Pn	01 32 58.9	+1.3
URLA	Urla	3.40	314	P	Pn	01 32 54.6	+1.7
THR8	Santorini-Mono	3.43	278	P	Pn	01 33 00.6	+0.5
TVSB	Tavsanli	3.43	357	PN	Pn	01 33 01.1	+0.8
SANT	Santorini	3.44	277	PN	Pn	01 33 02.1	+1.8
SILI	Silifke-Mersin	3.44	83	PN	Pn	01 33 01.9	+1.6
THR3	Thira Island	3.45	319	PN	Pn	01 33 01.9	+0.5
APE	Aphenthos	3.51	289	P	Pn	01 33 02.2	+0.9
CIFT	Cifteler, Eski	3.51	18	PN	Pn	01 33 02.5	+1.1
CIFT	Cihanbeyli	3.62	44	PN	Pn	01 33 03.7	+0.9
AUSIV	SIVRIHISAR	3.72	23	PN	Pn	01 33 03.5	+1.1
SVRH	Sivrihisar-ESK	3.72	22	PN	Pn	01 33 05.3	+1.1
CHOS	Chios Island	3.74	310	PN	Pn	01 32 57.8	+1.4
CHOS	Chios Island	3.74	310	P	Pn	01 33 05.1	+0.5
DKL	Dikili	3.77	325	PN	Pn	01 33 06.6	+1.8
HRKL	Herakleio	3.80	261	P	Pn	01 33 06.5	+1.2
ANI	Anoia	3.98	261	PN	Pn	01 33 08.7	+1.0
IDI				SN	SN	01 33 54.2	-0.9
IDI				LR	LR	01 35 12.6	
IDI				AML	AML	01 33 01.8	
IDI	Anoia	3.98	261	P	SN	01 33 08.6	+0.9
IDI				S			

NNA	Nana	24.00	160	eP	P	pmax	02 03 48.1	+1.5
OXF	Oxford	24.01	351	P	P	pmax	02 03 46.7	+0.2
OXF	Oxford	24.01	351	P	P	pmax	02 03 46.7	+0.2
OXF	Oxford	24.01	351	P	P	pmax	02 03 46.6	+0.1
OXF	Oxford	24.01	351	P	P	pmax	02 08 05.6	+2.0
OXF	Oxford	24.01	351	P	P	pmax	02 03 46.9	+0.4
OXF	Oxford	24.01	351	P	P	pmax	02 08 08.9	+5.2
WHTX	Lake Whitney,	24.06	333	P	P	pmax	02 03 47.6	+0.6
WHTX	Lake Whitney,	24.06	333	P	P	pmax	02 08 09.8	+5.2
WHTX	Lake Whitney,	24.06	333	P	P	pmax	02 03 47.3	+0.3
PAULI	Pauline	24.17	7	I	Amb	I	02 03 58.8	
PAULI	Pauline	24.17	7	P	P	pmax	02 03 49.1	+1.1
PAULI	Pauline	24.17	7	P	P	pmax	02 08 08.1	+1.8
BIRD	Birdtown, Kers	24.18	9	I	Amb	I	02 04 02.9	
BIRD	Birdtown, Kers	24.18	9	P	P	pmax	02 03 48.7	+0.6
BIRD	Birdtown, Kers	24.18	9	P	P	pmax	02 08 11.6	+5.2
Z38A	Mt. Pleasant	24.21	339	I	Amb	I	02 04 06.2	
Z38A	Mt. Pleasant	24.21	339	P	P	pmax	02 03 48.3	-0.1
Z38A	Mt. Pleasant	24.21	339	P	P	pmax	02 08 07.2	+0.3
BG3	Lake Jocassee	24.24	4	I	Amb	I	02 03 56.4	
CASEE	Lake Jocassee	24.24	4	P	P	pmax	02 03 49.9	+1.2
CASEE	Lake Jocassee	24.24	4	P	P	pmax	02 08 11.1	+3.7
W52A	Murphy	24.28	2	I	Amb	I	02 03 53.1	
W52A	Murphy	24.28	2	P	P	pmax	02 03 50.2	+1.2
W52A	Murphy	24.28	2	P	P	pmax	02 08 10.3	+2.2
X58A	Rowland	24.29	12	I	Amb	I	02 04 07.8	
X58A	Rowland	24.29	12	P	P	pmax	02 03 50.8	+1.7
X58A	Rowland	24.29	12	P	P	pmax	02 03 50.8	+1.7
X58A	Rowland	24.29	12	P	P	pmax	02 08 11.9	+3.6
X58A	Rowland	24.29	12	P	P	pmax	02 08 11.9	+3.6
PLAL	Pickwick Lake	24.30	354	I	Amb	I	02 03 51.2	
W50A	Signal Mountai	24.37	360	I	Amb	I	02 04 03.3	
W50A	Signal Mountai	24.37	360	P	P	pmax	02 03 50.3	+0.4
W50A	Signal Mountai	24.37	360	P	P	pmax	02 08 08.8	-0.7
SWET	Sewanee	24.39	358	P	P	pmax	02 03 50.9	+0.7
KMSC	Kings Mountain	24.55	7	P	P	pmax	02 03 52.1	+0.6
KMSC	Kings Mountain	24.55	7	P	P	pmax	02 08 15.6	+3.2
KMSC	Kings Mountain	24.55	7	P	P	pmax	02 03 52.4	+1.0
KMSC	Kings Mountain	24.55	7	P	P	pmax	02 08 14.3	+2.0
W45A	Hickory Valley	24.61	352	P	P	pmax	02 03 53.3	+1.3
W45A	Hickory Valley	24.61	352	P	P	pmax	02 08 21.7	+8.3
CPCT	Cooper Cave	24.62	1	I	Amb	I	02 03 55.4	
W57A	Gilead	24.75	10	I	Amb	I	02 04 00.3	
W57A	Gilead	24.75	10	P	P	pmax	02 03 54.0	+0.7
W57A	Gilead	24.75	10	P	P	pmax	02 03 54.0	+0.7
W57A	Gilead	24.75	10	P	P	pmax	02 08 21.3	+5.6
W57A	Gilead	24.75	10	P	P	pmax	02 08 21.3	+5.6
TKL	Tuckaleechee C	24.85	3	P	P	pmax	02 03 54.5	+0.3
TKL	Tuckaleechee C	24.85	3	P	P	pmax	02 13 40.8	
TKL	Tuckaleechee C	24.85	3	P	P	pmax	02 03 58.1	
TKL	Tuckaleechee C	24.85	3	P	P	pmax	02 03 55.2	+1.0
TKL	Tuckaleechee C	24.85	3	P	P	pmax	02 08 17.5	+0.2
V53A	Saluda	24.92	4	I	Amb	I	02 04 05.7	
V53A	Saluda	24.92	4	P	P	pmax	02 03 55.8	+0.9
V53A	Saluda	24.92	4	P	P	pmax	02 03 55.8	+0.9
V53A	Saluda	24.92	4	P	P	pmax	02 08 16.5	-1.9
V53A	Saluda	24.92	4	P	P	pmax	02 08 16.5	-1.9
MIAR	Mount Ida	24.95	343	I	Amb	I	02 03 59.4	
MIAR	Mount Ida	24.95	343	P	P	pmax	02 03 54.9	-0.2
MIAR	Mount Ida	24.95	343	P	P	pmax	02 08 20.8	+1.9
MIAR	Mount Ida	24.95	343	P	P	pmax	02 03 55.7	+0.5
MIAR	Mount Ida	24.95	343	P	P	pmax	02 08 20.9	+1.9
V48A	Smith Brothers	24.95	357	P	P	pmax	02 03 55.5	+0.4
V48A	Smith Brothers	24.95	357	P	P	pmax	02 08 24.9	+5.9
V51A	Loudon	24.98	1	P	P	pmax	02 03 56.1	+0.8
V51A	Loudon	24.98	1	P	P	pmax	02 08 19.9	+0.6
V52A	Sevierville	25.04	3	I	Amb	I	02 03 59.8	
V52A	Sevierville	25.04	3	P	P	pmax	02 03 56.8	+0.9
V52A	Sevierville	25.04	3	P	P	pmax	02 08 21.5	+1.1
BBGH	Gun Hill	25.07	82	eP	P	pmax	02 03 54.0	-2.4
Z35A	Perchaven, San	25.13	335	P	P	pmax	02 03 57.9	+1.2
Z35A	Perchaven, San	25.13	335	P	P	pmax	02 08 30.1	+8.3
BBSP	Saint Philip	25.17	82	eP	P	pmax	02 04 05.6	+8.3
HPIG	Harrisburg	25.23	313	I	Amb	I	02 03 58.4	+0.4
HPIG	Harrisburg	25.23	313	I	Amb	I	02 04 03.1	
HBAR	Harrisburg	25.24	349	P	P	pmax	02 03 59.5	+1.8
V55A	Taylorville	25.26	7	I	Amb	I	02 04 03.8	
V55A	Taylorville	25.26	7	P	P	pmax	02 03 59.0	+1.1
V55A	Taylorville	25.26	7	P	P	pmax	02 03 59.0	+1.1
V55A	Taylorville	25.26	7	P	P	pmax	02 08 26.1	+2.3
V55A	Taylorville	25.26	7	P	P	pmax	02 08 26.1	+2.3
CNNC	Cliffs of the	25.27	14	I	Amb	I	02 04 04.5	
CNNC	Cliffs of the	25.27	14	P	P	pmax	02 04 00.3	+2.3
CNNC	Cliffs of the	25.27	14	P	P	pmax	02 08 29.6	+5.8
CNNC	Cliffs of the	25.27	14	P	P	pmax	02 04 00.3	+2.3

CNNC	Cliffs of the	25.27	14	I	Amb	I	02 04 04.5	
CNNC	Cliffs of the	25.27	14	P	P	pmax	02 04 00.3	+2.3
CNNC	Cliffs of the	25.27	14	P	P	pmax	02 08 29.6	+5.8
CNNC	Cliffs of the	25.27	14	P	P	pmax	02 04 00.3	+2.3
TXAR	Lajitas Array	25.39	319	P	P	pmax	02 03 58.6	-0.7
TXAR	Lajitas Array	25.39	319	P	P	pmax	02 03 58.6	-0.7
TX31	Lajitas Ar. Si	25.39	319	P	P	pmax	02 03 59.5	+0.2
TX32	Lajitas Array	25.39	319	I	Amb	I	02 04 03.6	
WVT	Waverly	25.42	355	P	P	pmax	02 03 58.8	-0.5
WVT	Waverly	25.42	355	P	P	pmax	02 03 58.8	-0.5
WVT	Waverly	25.42	355	P	P	pmax	02 03 58.8	-0.5
WVT	Waverly	25.42	355	P	P	pmax	02 08 26.8	+0.6
WVT	Waverly	25.42	355	P	P	pmax	02 03 58.7	-0.5
WVT	Waverly	25.42	355	P	P	pmax	02 08 31.9	+5.6
V58A	Windy Hill, Pi	25.54	11	I	Amb	I	02 04 07.1	
V58A	Windy Hill, Pi	25.54	11	P	P	pmax	02 02 01.3	+0.9
V58A	Windy Hill, Pi	25.54	11	P	P	pmax	02 04 01.3	+0.9
V58A	Windy Hill, Pi	25.54	11	P	P	pmax	02 08 31.1	+2.9
V58A	Windy Hill, Pi	25.54	11	P	P	pmax	02 08 31.1	+2.9
X37A	Clayton	25.55	340	P	P	pmax	02 04 00.4	-0.4
X37A	Clayton	25.55	340	P	P	pmax	02 08 32.0	+3.6
LNXT	Lenox	25.58	352	P	P	pmax	02 04 02.6	+1.8
ABTX	Abilene, Hawle	25.60	331	P	P	pmax	02 04 00.5	-0.5
ABTX	Abilene, Hawle	25.60	331	P	P	pmax	02 08 38.7	+9.3
ABTX	Abilene, Hawle	25.60	331	P	P	pmax	02 04 00.6	-0.5
ABTX	Abilene, Hawle	25.60	331	P	P	pmax	02 08 40.8	+1.1
LOOK	Love County	25.68	336	I	Amb	I	02 04 05.7	
U49A	Red Bling Sp	25.68	359	I	Amb	I	02 04 14.2	
U49A	Red Bling Sp	25.68	359	P	P	pmax	02 04 02.3	+0.5
U49A	Red Bling Sp	25.68	359	P	P	pmax	02 08 32.8	+2.2
BOAV	Boa Vista	25.73	107	P	P	pmax	02 04 02.5	0.0
BOAV	Boa Vista	25.73	107	P	P	pmax	02 04 02.8	-0.2
BOAV	Boa Vista	25.73	107	P	P	pmax	02 04 02.8	-0.2
TZTN	Tazewell	25.74	3	P	P	pmax	02 08 30.5	-1.0
TZTN	Tazewell	25.74	3	P	P	pmax	02 04 03.0	+0.7
TZTN	Tazewell	25.74	3	P	P	pmax	02 08 40.1	+8.6
LCAR	Lake Charles	25.83	349	P	P	pmax	02 04 02.1	-0.9
LCAR	Lake Charles	25.83	349	P	P	pmax	02 08 32.9	+0.1
U54A	Nelsons Funny	25.85	6	I	Amb	I	02 04 07.3	
U54A	Nelsons Funny	25.85	6	P	P	pmax	02 04 04.3	+1.0
U54A	Nelsons Funny	25.85	6	P	P	pmax	02 04 04.3	+1.0
U54A	Nelsons Funny	25.85	6	P	P	pmax	02 08 34.5	+1.2
U54A	Nelsons Funny	25.85	6	P	P	pmax	02 08 34.5	+1.2
U56A	King	25.86	9	I	Amb	I	02 04 08.5	
U56A	King	25.86	9	P	P	pmax	02 04 05.0	+1.6
U56A	King	25.86	9	P	P	pmax	02 04 05.0	+1.6
T50A	Nancy	26.18	0	I	Amb	I	02 04 12.9	
T50A	Nancy	26.18	0	P	P	pmax	02 04 06.8	+0.6
T50A	Nancy	26.18	0	P	P	pmax	02 04 06.8	+0.6
T50A	Nancy	26.18	0	P	P	pmax	02 08 38.7	+0.3
T50A	Nancy	26.18	0	P	P	pmax	02 04 11.0	
T47A	Sharon Grove	26.21	356	I	Amb	I	02 04 06.3	-0.3
T47A	Sharon Grove	26.21	356	P	P	pmax	02 04 06.3	-0.3
T47A	Sharon Grove	26.21	356	P	P	pmax	02 08 39.4	+0.5
U59A	Littleton	26.35	13	I	Amb	I	02 04 23.2	
U59A	Littleton	26.35	13	P				

3d 1h

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Table with multiple columns containing station call signs, frequencies, power levels, and other technical data. Includes station names like Q54A, AMTX, GC02, P48A, etc., and various call signs such as N53A, N53A, N53A, etc.

J58A	baz=198	S	S	02 10 34.8	-0.1
OGNE	Ogallala	I	Amb	02 05 26.5	
OGNE	Ogallala	I	Amb	02 05 26.5	
OGNE	Ogallala	P	P	02 05 12.3	0.0
OGNE	Ogallala	P	P	02 05 12.7	+0.4
H43A	Windswept, Lux	P	P	02 05 11.2	-1.6
H43A	Windswept, Lux	S	S	02 10 32.7	-3.5
H43A	Windswept, Lux	S	S	02 05 22.6	
K62A	Royalston	I	Amb	02 05 25.1	
BCX	Boston College	P	P	02 05 15.1	+1.8
BCX	Boston College	I	Amb	02 05 21.2	
MVCO	Mesa Verde	I	Amb	02 05 30.1	
MVCO	Mesa Verde	P	P	02 05 14.3	+0.4
HRV	Adam Dzeworski	S	S	02 10 40.2	+2.5
HRV	Adam Dzeworski	S	S	02 10 44.7	+7.1
PECO	Prince Edward	I	Amb	02 05 19.1	
PB11	IPCC Station P	I	Amb	02 05 23.4	
J59A	Piesco	I	Amb	02 05 17.8	
J59A	Piesco	P	P	02 05 15.1	+0.6
J59A	Piesco	P	P	02 05 15.1	+0.6
J59A	Piesco	S	S	02 10 40.6	+1.5
J59A	Piesco	S	S	02 10 40.6	+1.5
I37B	Waseca	P	P	02 05 13.3	-1.6
I37B	Waseca	S	S	02 10 45.2	+5.2
GLMI	Graying	P	P	02 05 14.1	-1.2
GLMI	Graying	P	P	02 05 14.7	-0.6
GO01	Chusmiza	I	Amb	02 05 22.9	
ACCN	Adirondack Com	P	P	02 05 16.8	+1.2
ACCN	Adirondack Com	I	Amb	02 05 18.5	
ACCN	Adirondack Com	P	P	02 05 16.4	+0.8
ACCN	Adirondack Com	S	S	02 10 43.5	+2.5
VILB	Vilhena	I	Amb	02 05 27.2	
VILB	Vilhena	eP	P	02 05 16.6	0.0
WCNY	West Carthage	P	P	02 05 17.0	+0.5
WCNY	West Carthage	S	S	02 10 39.2	-3.5
G45A	Suttons Bay	P	P	02 05 15.6	-1.6
G45A	Suttons Bay	P	P	02 05 15.6	-1.6
ISCO	Idaho Springs	P	P	02 05 18.1	+0.2
ISCO	Idaho Springs	P	P	02 05 18.1	+0.2
ISCO	Idaho Springs	P	P	02 05 18.9	+1.1
ISCO	Idaho Springs	P	P	02 05 19.9	+2.1
J61A	Chester	I	Amb	02 05 27.5	
J61A	Chester	P	P	02 05 19.2	+1.4
J61A	Chester	P	P	02 05 19.2	+1.4
J61A	Chester	S	S	02 10 49.2	+4.1
J61A	Chester	S	S	02 10 49.2	+4.1
DELO	Deloro Mine	I	Amb	02 05 21.5	
SADO	Sadowa	L	R	02 19 15.7	
WUJZ	Wupatki	I	Amb	02 05 23.0	
WUJZ	Wupatki	P	P	02 05 18.9	+0.2
ECSD	EROS Data Cent	I	Amb	02 05 25.2	
ECSD	EROS Data Cent	P	P	02 05 17.0	-1.8
ECSD	EROS Data Cent	P	P	02 05 17.6	-1.2
SCMS	Snowmass	I	Amb	02 05 37.8	
NCB	Newcomb	S	S	02 10 52.6	+5.1
NPGB	Novo Progresso	eP	P	02 05 18.7	-1.0
PV15	Paradox Valley	I	Amb	02 05 37.4	
PV13	Radium Mtn., P	P	P	02 05 21.5	+0.2
PV13	Radium Mtn., P	I	Amb	02 05 34.7	
G40A	Rib Lake	P	P	02 05 20.4	-1.1
G40A	Rib Lake	S	S	02 10 49.8	-1.9
MCVT	Middlebury Col	P	P	02 05 22.9	+1.2
MCVT	Middlebury Col	S	S	02 10 54.3	+2.3
PV11	David Mesa, Pa	I	Amb	02 05 39.2	
LONY	Lake Ozonia	I	Amb	02 05 31.3	
LONY	Lake Ozonia	P	P	02 05 24.0	+0.2
LONY	Lake Ozonia	S	S	02 10 57.9	+2.2
F42A	Maple Grove Fa	P	P	02 05 23.2	-1.0
SPMN	Marine on St.	P	P	02 05 22.9	-1.3
SPMN	Marine on St.	P	P	02 05 22.9	-1.3
SPMN	Marine on St.	P	P	02 05 22.9	-1.3
IP2A	Tamworth	I	Amb	02 05 29.5	
IP2A	Tamworth	S	S	02 11 02.2	+4.4
IP2A	Tamworth	S	S	02 11 02.2	+4.4
VT1	Waterbury	I	Amb	02 05 34.2	
VT1	Waterbury	P	P	02 05 26.3	+1.0
BMNY	Brushton-Moira	P	P	02 05 26.2	+0.5
BMNY	Brushton-Moira	S	S	02 11 01.2	+2.1
GLA	Glamis	I	Amb	02 05 30.9	
GLA	Glamis	P	P	02 05 27.6	+1.3
N23A	Red Feather La	P	P	02 05 28.4	+1.8
LBNH	Lisbon	I	Amb	02 05 45.5	
LBNH	Lisbon	P	P	02 05 26.8	+0.3
LBNH	Lisbon	S	S	02 11 06.1	+5.6
LBNH	Lisbon	S	S	02 05 28.3	+1.9
LBNH	Lisbon	S	S	02 11 04.6	+4.1
BLVC	Blythe	I	Amb	02 05 31.7	
COWI	Conover	P	P	02 05 26.2	-1.6
PDMCI	Parker Dam,Lak	P	P	02 05 29.4	+1.4

I63A	Otisfield	I	Amb	02 05 43.5	
I63A	Otisfield	P	P	02 05 29.9	+1.5
I63A	Otisfield	P	P	02 05 29.9	+1.5
I63A	Otisfield	S	S	02 11 11.8	+8.0
I63A	Otisfield	S	S	02 11 11.8	+8.0
E46A	Sault Ste Mari	I	Amb	02 05 31.2	
E46A	Sault Ste Mari	I	Amb	02 05 27.6	-1.0
PB07	IPOC Station P	P	P	02 05 29.9	+0.8
PB07	IPOC Station P	I	Amb	02 05 48.7	
E43A	Lone Tree Farm	P	P	02 05 27.9	-1.1
SIV	San Ignacio	P	P	02 05 29.3	-0.5
SIV	San Ignacio	L	R	02 21 01.4	
SUSD	Miller	P	P	02 05 28.8	-1.1
SUSD	Miller	P	P	02 05 29.4	-0.5
F36A	Milaca	P	P	02 05 29.1	-1.5
O20A	White River Ci	I	Amb	02 05 49.3	
O20A	White River Ci	P	P	02 05 31.6	+0.6
H62A	Milan	I	Amb	02 05 45.2	
YUH	Yuha Desert	I	Amb	02 05 36.5	
PDRB	Porto dos Gac	eP	P	02 05 30.9	-0.9
PDRB	Porto dos Gac	I	Amb	02 05 41.4	
SWSC	Sam W. Stewart	P	P	02 05 33.6	+1.9
IKP	In-Ko-Pah, Jac	P	P	02 05 32.2	-0.2
CCX	Cicece	P	P	02 05 32.7	+0.1
CCX	Cicece	I	Amb	02 05 37.1	
PB04	IPOC Station P	P	P	02 05 33.3	+0.5
BC3	Big Chuckawall	P	P	02 05 34.8	+1.9
MNT0	Montreal, Queb	I	Amb	02 05 38.5	
NEE2	Neeses Airpor	P	P	02 05 34.8	+1.8
IRM	Iron Mountain	P	P	02 05 35.1	+1.8
CLDB	Colider	P	P	02 05 32.9	-1.5
PKCU	Pink Cliffs	I	Amb	02 05 39.1	
E38A	The Farm, Brul	P	P	02 05 33.1	-1.1
WVL	Waterville	I	Amb	02 05 43.8	
WVL	Waterville	P	P	02 05 37.4	+2.7
F33A	5 Mile Ranch,	I	Amb	02 05 39.0	
F33A	5 Mile Ranch,	P	P	02 05 33.0	-2.1
MONP	Monument Peak	P	P	02 05 37.8	+2.2
D41A	Chassel	P	P	02 05 34.8	-0.8
RWWY	Rawlins	I	Amb	02 05 53.9	
LCMT	Little Creek M	P	P	02 05 37.8	+0.8
LCMT	Little Creek M	I	Amb	02 05 40.4	
TRQ	Mont Tremblant	I	Amb	02 05 39.9	
PTLB	Pontes e Lacer	P	P	02 05 37.1	-0.6
PTLB	Pontes e Lacer	I	Amb	02 05 43.6	
PTLB	Pontes e Lacer	eP	P	02 05 37.0	-0.7
BELO	Belle Union, Jo	P	P	02 05 39.4	+1.6
G62A	West of Eustis	I	Amb	02 05 41.8	
G62A	West of Eustis	P	P	02 05 38.8	+1.2
G62A	West of Eustis	P	P	02 05 38.8	+1.2
G62A	West of Eustis	S	S	02 11 27.5	+7.2
G62A	West of Eustis	S	S	02 11 27.5	+7.2
P17A	Butcher Ranch,	I	Amb	02 05 55.2	
PMD	Palm Desert, M	I	Amb	02 05 43.4	
PFO	Pinyon Flats O	L	R	02 23 25.8	
PFO	Pinyon Flats O	I	Amb	02 05 39.4	+0.6
PFO	Pinyon Flats O	I	Amb	02 05 43.4	+0.6
PFO	Pinyon Flats O	eP	P	02 05 38.7	-0.2
PFO	Pinyon Flats O	P	P	02 05 40.6	+1.7
LVC	Limon Verde	P	P	02 05 40.5	+1.0
LVC	Limon Verde	P	P	02 05 40.2	+0.7
LVC	Limon Verde	I	Amb	02 05 49.0	
LVC	Limon Verde	P	P	02 05 40.2	+0.7
GMR	Granite Mounta	P	P	02 05 40.9	+1.5
109C	Camp Elliot, M	I	Amb	02 05 43.9	
109C	Camp Elliot, M	P	P	02 05 41.3	+1.7
K22A	Casper	I	Amb	02 05 44.3	
K22A	Casper	P	P	02 05 42.1	+1.4
K22A	Casper	P	P	02 05 42.1	+1.4
PKME	Peaks-Kenny Pk	I	Amb	02 05 46.3	
PKME	Peaks-Kenny Pk	P	P	02 05 43.1	+2.1
PKME	Peaks-Kenny Pk	P	P	02 05 43.5	+2.4
PKME	Peaks-Kenny Pk	S	S	02 11 33.9	+7.3
RSSD	Black Hills	I	Amb	02 05 43.5	+1.1
RSSD	Black Hills	P	P	02 05 42.4	+0.1
RSSD	Black Hills	P	P	02 05 41.5	+2.8
RSSD	Black Hills	S	S	02 11 31.7	+2.9
MURC	Murieta	P	P	02 05 45.3	+2.1
HEC	Hector Ludlow	P	P	02 05 45.6	+2.1
TUQ	Turquoise Moun	P	P	02 05 45.6	+1.6
BBRO	Big Bear Solar	P	P	02 05 47.2	+2.6
SHPR	Sheep Range	I	Amb	02 05 48.3	
ELS	Elsinore Moun	I	Amb	02 05 49.2	
F63A	Nahmakanta, Br	P	P	02 05 47.1	+2.1
F63A	Nahmakanta, Br	P	P	02 05 47.1	+2.1

EYMN	Ely	P	P	02 05 44.9	-0.5
EYMN	Ely	I	Amb	02 06 01.5	
EYMN	Ely	P	P	02 05 43.8	-1.6
EYMN	Ely	S	S	02 11 36.0	+1.7
EYMN	Ely	S	S	02 05 43.8	-1.6
EYMN	Ely	S	S	02 11 30.4	-3.9
G65A	Princeton	I	Amb	02 06 00.0	
G65A	Princeton	S	S	02 11 37.8	+3.4
G65A	Princeton	S	S	02 11 37.8	+3.4
D32B	Dogwood Acres,	P	P	02 05 45.5	-1.4
RRX	Edison Barstow	P	P	02 05 50.1	+2.6
SHOC	Shoshone, Teco	P	P	02 05 49.0	+1.0
GSC	Goldstone, Bar	I	Amb	02 05 53.1	
GSC	Goldstone, Bar	P	P	02 05 50.4	+2.0
VLDQ	Val d'Or	P	P	02 05 48.0	-0.1
VLDQ	Val d'Or	I	Amb	02 05 50.5	
F64A	Sherman	I	Amb	02 05 53.1	
F64A	Sherman	I	Amb	02 11 41.9	+2.6
F64A	Sherman	S	S	02 11 41.9	+2.6
SCI2	San Clemente I	P	P	02 05 52.0	+3.0
LATQ	La Tuque	I	Amb	02 05 54.2	
CIS	Catalina Island	P	P	02 05 51.1	+1.2
E28A	Huff	I	Amb	02 06 04.6	
GWY	Grewater Val	I	Amb	02 05 55.6	
PASC	Pasadena Art C	I	Amb	02 05 56.9	
B35A	Bob Littlefor	P	P	02 05 50.4	-1.1
DUG	Dugway, Tootle	P	P	02 05 53.1	+0.8
DUG	Dugway, Tootle	P	P	02 05 53.1	+0.8
DUG	Dugway, Tootle	P	P	02 05 54.3	+2.1
E63A	Oxbow	S	S	02 11 47.2	+0.8
E63A	Oxbow	S	S	02 11 47.2	+0.8
DECC	Green Verdugo	P	P	02 05 55.2	+2.3
SPR3	Spring Creek 3	I	Amb	02 06 10.6	
BW06	Boulder Array	P	P	02 05 54.5	+1.0
PDAR	Pinedale Array	P	P	02 05 51.6	-1.8
EDW2	Edwards Air Fo	P	P	02 05 55.7	+1.7
S11A	Agassiz Nation	I	Amb	02 05 59.2	
FURC	Furnace Creek,	P	P	02 05 56.3	+2.4
LRMC	Laurel Mtn Rd	P	P	02 05 56.6	+2.2
AGMN	Agassiz Nation	I	Amb	02 05 53.0	-1.1
AGMN	Agassiz Nation	I	Amb	02 05 60.0	
AGMN	Agassiz Nation	P	P	02 05 52.8	-1.3
AGMN	Agassiz Nation	P	P	02 05 53.8	-0.3
AGMN	Agassiz Nation	S	S	02 11 44.6	-5.4
CCAC	Calif City Air	I	Amb	02 06 03.2	
PQI	Presque Isle	I	Amb	02 06 03.2	
MPMC	Manual Prospec	P	P	02 05 56.4	+0.5
R11A	Troy Canyon, C	P	P	02 05 57.5	+1.2
LMQ	La Malbaie	I	Amb	02 05 59.1	
OSI	Osito Audit: C	P	P	02 05 58.7	+2.0
PRPB	Paraupebas	eP	P	02 05 56.5	-1.3
MDND	Maddock	P	P	02 05 57.4	-0.5
MDND	Maddock	P	P	02 05 58.3	+0.5
TMAB	Tom-Au-PA, Br	eP	P	02 05 59.8	+1.0
LMN	Caledonia Moun	I	Amb	02 06 06.5	
ARVC	Arvin	P	P	02 06 02.0	+2.6
ISA	Isabella, Lake	P	P	02 06 00.9	+1.2

Table with columns for race number, name, time, distance, and other details. Includes entries like Crawfordville, San Juan, Hazelhurst, etc.

Table with columns for race number, name, time, distance, and other details. Includes entries like OXF, WHTX, PAULI, BIRD, Z38A, BG3, CASEE, W52A, W52A, PLAL, W50A, W50A, SWET, SWET, KMSC, KMSC, KMSC, W45A, CPCT, W57A, W57A, W57A, TKL, TKL, TKL, UALR, V53A, V53A, V53A, V48A, MIAR, MIAR, MIAR, V51A, V51A, V52A, V52A, Z35A, Z35A, HBAR, HPIG, HPIG, V55A, V55A, V55A, CNNC, CNNC, CNNC, TXAR, TXAR, TXAR, TX31, TX31, TX32, TX32, WVT, WVT, WVT, W58A, W58A, X37A, X37A, LNXT, ABTX, ABTX, ABTX, BOAV, BOAV, BOAV, U49A, U49A, U49A, LOOK, LOOK, TZTN, TZTN, TZTN, LCAR, LCAR, U54A, U54A, U54A, U54A, U56A

Table with columns for race number, name, time, distance, and other details. Includes entries like U56A, U56A, FCAR, T50A, T50A, T50A, T47A, U59A, T45B, PBMO, PBMO, X34A, T57A, T57A, T57A, T57A, HHAR, HHAR, BLA, BLA, BLA, CGM3, S51A, S51A, S51A, S51A, FNO, FNO, TUL1, TUL1, TUL1, U38A, U38A, WMOK, WMOK, WMOK, T59A, T59A, T59A, DEOK, MGMO, S44A, S44A, S44A, S54A, S54A, S54A, OK029, R50A, R50A, R50A, QUOK, R49A, R49A, FVM, FVM, R53A, ETMB, ETMB, ETMB, CCM, CCM, MACA, S39A, S39A, R58B, OLIL, T35A, T35B, R40A, R40A, CBN, Q51A, Q51A, Q51A, Q52A, Q52A, MSTX, MSTX, MSTX, Q44A, BLO, Q54A, Q54A, Q54A, ELIS, OK032, P48A

P48A	baz=179,SNR=37	P	P	02 22 10.7 +1.0	
Q56A	Snyder Ridge comp=Z,45m,1.3s	28.71	10	Iamb Iamb	02 22 14.2
Q56A	Snyder Ridge baz=192,SNR=7.1	28.71	10	P	02 22 12.9 +2.7
Q56A	baz=192,SNR=7.1			P	02 22 12.9 +2.7
NOKA	Waynoka comp=Z,48nm,1.1s	28.72	336	Iamb Iamb	02 22 11.6
P49A	Miami Univ. Ec	28.72	1	Iamb Iamb	02 22 12.2
P49A	Miami Univ. Ec	28.72	1	P	02 22 11.8 +1.5
P49A	Miami Univ. Ec	28.72	1	P	02 22 11.7 +1.5
P51A	Williamsport comp=Z,44nm,1.1s	28.72	3	Iamb Iamb	02 22 13.7
P51A	Williamsport baz=184,SNR=13	28.72	3	P	02 22 11.9 +1.7
P51A	baz=184,SNR=13			P	02 22 11.9 +1.7
P53A	Whipple baz=187,SNR=30	28.86	6	P	02 22 13.4 +1.9
P53A	baz=187,SNR=30			P	02 22 13.4 +1.9
P46A	Rosedale baz=176	28.87	357	P	02 22 12.0 +0.4
P52A	Corning baz=186	28.94	5	P	02 22 13.5 +1.3
P43A	Skaggs, Pawnee baz=171,SNR=14	29.21	10	353 P	02 22 15.0 +1.4
MCWV	Mont Chateau comp=Z,83nm,1.4s	29.21	8	Iamb Iamb	02 22 16.4 +1.8
MCWV	Mont Chateau baz=190,SNR=11	29.21	8	P	02 22 17.4 +2.8
MCWV	Mont Chateau baz=190,SNR=11	29.21	8	P	02 22 17.4 +2.8
SAML	Samuel	29.22	131	P	02 22 14.0 -0.9
P57A	Homestead Farm comp=Z,34nm,1.1s	29.35	11	Iamb Iamb	02 22 15.8 0.0
P57A	Homestead Farm baz=194,SNR=7.9	29.35	11	P	02 22 15.8 0.0
P57A	baz=194,SNR=7.9			P	02 22 15.8 0.0
O49A	Covington baz=181,SNR=20	29.38	1	P	02 22 17.4 +1.3
O49A	baz=181,SNR=20			P	02 22 17.4 +1.3
P40A	Paris comp=Z,78nm,1.2s	29.39	349	Iamb Iamb	02 22 18.0
P40A	Paris baz=166,SNR=14	29.39	349	P	02 22 16.7 +0.5
O52A	Adamsville baz=186,SNR=32	29.44	5	P	02 22 18.2 +1.6
O52A	baz=186,SNR=32			P	02 22 18.2 +1.6
O48B	Farmland baz=180,SNR=46	29.44	360	P	02 22 17.2 +0.5
O48B	Farmland baz=180,SNR=46	29.44	360	P	02 22 17.9 +1.3
ACSO	Alum Creek Sta baz=184,SNR=16	29.48	3	P	02 22 19.1 +2.1
ACSO	Alum Creek Sta baz=184,SNR=16	29.48	3	P	02 22 19.5 +2.5
O44A	Mansfield baz=173	29.50	355	P	02 22 18.5 +1.4
SFIN	Lafayette 29.62	357	P	02 22 18.8 +0.6	
SFIN	Lafayette baz=176,SNR=10	29.62	357	P	02 22 19.0 +0.8
SFIN	Lafayette baz=176,SNR=10	29.62	357	P	02 22 19.5 +1.2
O53A	New Philadelph baz=188,SNR=29	29.63	6	P	02 22 20.1 +1.7
O54A	Avella baz=189	29.66	7	P	02 22 21.2 +2.6
O54A	baz=189			P	02 22 21.2 +2.6
P38A	Dawn comp=Z,36nm,1.1s	29.79	347	Iamb Iamb	02 22 21.2
P38A	Dawn baz=163,SNR=13	29.79	347	P	02 22 20.1 +0.4
HDIL	Hopedale baz=172,SNR=37	29.98	354	P	02 22 22.1 +0.8
HDIL	Hopedale baz=172,SNR=37	29.98	354	P	02 22 22.0 +0.6
N47A	Urbana comp=Z,40nm,1.1s	30.07	359	Iamb Iamb	02 22 22.8 +0.6
N47A	Urbana baz=179,SNR=9.7	30.07	359	P	02 22 22.8 +0.6
N47A	baz=179,SNR=9.7			P	02 22 22.8 +0.6
KSU1	Kansas State U comp=Z,31nm,1.1s	30.11	342	Iamb Iamb	02 22 24.0
KSU1	Kansas State U baz=157	30.11	342	P	02 22 23.2 +0.6
KSU1	Kansas State U baz=157	30.11	342	P	02 22 23.6 +1.0
N49A	Columbus Grove baz=182,SNR=34	30.12	1	P	02 22 23.4 +0.8
N49A	baz=182,SNR=34			P	02 22 23.4 +0.8
121A	Cookes Peak, D baz=131,SNR=33	30.19	320	P	02 22 24.9 +1.3
121A	Cookes Peak, D baz=131,SNR=33	30.19	320	P	02 22 26.1 +2.5
MVL	Millersville comp=Z,22nm,1.2s	30.19	13	Iamb Iamb	02 22 27.7
N51A	Ashland baz=185,SNR=14	30.20	4	P	02 22 24.6 +1.3
N51A	baz=185,SNR=14			P	02 22 24.6 +1.3
N53A	Lisbon baz=188,SNR=17	30.22	6	P	02 22 25.7 +2.2
N53A	baz=188,SNR=17			P	02 22 25.7 +2.2
PAGS	Pennsylvania G comp=Z,51nm,1.0s	30.32	13	Iamb Iamb	02 22 28.6
SRIG	Santa Rosalia comp=Z,32nm,0.9s	30.46	307	P	02 22 27.9 +2.0
SSPA	Standing Stone comp=Z,36nm,1.2s	30.49	11	Iamb Iamb	02 22 28.0 +2.1
SSPA	Standing Stone baz=194,SNR=6.6	30.49	11	P	02 22 28.1 +2.2
SSPA	Standing Stone baz=194	30.49	11	P	02 22 28.8 +1.6
TUPA	Temple Unvers baz=199,SNR=6.6	30.63	15	P	02 22 29.0 +1.6
Y22A	Socorro baz=134,SNR=12	30.63	322	P	02 22 29.2 +2.0
M50A	Fremont baz=184,SNR=11	30.64	3	P	02 22 29.2 +2.0
M50A	baz=184,SNR=11			P	02 22 29.2 +2.0
M44A	Midewin, Midew baz=174,SNR=7.2	30.69	356	P	02 22 28.1 +0.5
PSDB	Penn State Uni baz=192	30.82	9	P	02 22 31.0 +2.2
N38A	Joess South For baz=164,SNR=7.1	30.84	348	P	02 22 29.7 +0.6
M53A	Wil Miller and baz=188,SNR=22	30.86	6	P	02 22 31.9 +2.7
M52A	Chesterland baz=187,SNR=7.4	30.90	5	P	02 22 31.0 +1.5
M52A	baz=187,SNR=7.4			P	02 22 31.0 +1.5
N58A	Sunbury comp=Z,33nm,0.9s	30.91	12	Iamb Iamb	02 22 34.9
N58A	Sunbury baz=196,SNR=8.1	30.91	12	P	02 22 31.4 +1.7
N58A	baz=196,SNR=8.1			P	02 22 31.4 +1.7
LUPA	Lehigh Unvers comp=Z,18nm,1.2s	30.99	14	Iamb Iamb	02 22 40.5
ANMO	Albuquerque comp=Z,25nm,1.1s	31.04	324	P	02 22 31.5 +0.4
ANMO	Albuquerque baz=136,SNR=6.5	31.04	324	P	02 22 32.5 +1.4
ANMO	Albuquerque baz=136,SNR=6.5	31.04	324	P	02 22 32.5 +1.4
HQIL	Hanson Quarry C comp=Z,180nm,1.3s	31.08	356	Iamb Iamb	02 22 33.7
ALLY	Allegny Cole baz=189,SNR=8.8	31.13	7	P	02 22 34.2 +2.6
L48A	N Adams baz=181,SNR=24	31.13	1	P	02 22 32.7 +1.1

L48A	baz=181,SNR=24	31.15	9	P	02 22 32.7 +1.1
M55A	Ridgway baz=192,SNR=23	31.15	9	P	02 22 33.4 +1.6
M55A	baz=192,SNR=23			P	02 22 33.4 +1.6
L46A	Eue Claire baz=178,SNR=10	31.22	358	P	02 22 32.3 0.0
L46A	baz=178,SNR=10			P	02 22 32.3 0.0
M57A	Sunshine Farm comp=Z,65nm,1.3s	31.31	12	Iamb Iamb	02 22 36.7
M57A	Sunshine Farm baz=195,SNR=11	31.31	12	P	02 22 35.8 +2.6
M57A	baz=195,SNR=11			P	02 22 35.8 +2.6
L42A	Oliver, Polo baz=171,SNR=16	31.45	353	P	02 22 34.4 0.0
L44A	Lake County Fo baz=175,SNR=9.3	31.46	356	P	02 22 34.1 -0.3
L44A	Lake County Fo baz=175,SNR=9.3	31.46	356	P	02 22 35.0 +0.5
L44A	Lake County Fo baz=175,SNR=9.3	31.46	356	P	02 22 35.1 +0.7
N35A	Tabor baz=160	31.47	345	P	02 22 35.2 +0.6
PSWB	Penn State Wil baz=197	31.51	13	P	02 22 37.1 +2.1
LPZAZ	La Paz comp=Z,2.2nm,1.0s,baz=293,slow=3.3,SNR=5.0	31.60	148	P	02 22 38.9 +2.2
LPZAZ	La Paz comp=Z,2.2nm,1.0s	31.60	148	LR LR	02 36 08.4
LPZAZ	La Paz baz=189,SNR=5.7	31.61	148	eP	02 22 37.5 +0.8
ERPA	Erie baz=189,SNR=5.7	31.61	7	P	02 22 37.8 +2.0
ERPA	Erie baz=189,SNR=5.7	31.61	7	P	02 22 38.7 +2.9
L40A	Anamosa baz=168,SNR=42	31.71	351	P	02 22 36.7 0.0
PAL	Palisades baz=181	31.75	16	P	02 22 40.4 +3.4
KSPA	Keystone Colle comp=Z,51nm,1.3s	31.81	13	Iamb Iamb	02 22 41.1
KSPA	Keystone Colle baz=191,SNR=7.0	31.81	13	P	02 22 39.1 +1.5
SCIA	State Center baz=165,SNR=5.9	31.91	348	P	02 22 39.6 +1.2
SCIA	State Center baz=165,SNR=5.9	31.91	348	P	02 22 39.9 +1.5
L56A	Greewood baz=194,SNR=8.8	32.00	11	P	02 22 41.1 +1.9
L56A	baz=194,SNR=8.8			P	02 22 41.1 +1.9
K43A	Burlington baz=174,SNR=11	32.02	355	P	02 22 39.7 +0.4
TUC	Tucson comp=Z,33nm,1.1s	32.03	316	P	02 22 40.7 +1.0
TUC	Tucson baz=177,SNR=8.6	32.03	316	P	02 22 41.0 +1.3
WVNY	West Valley, N baz=192,SNR=8.2	32.09	9	P	02 22 40.9 +0.9
BINY	Binghamton comp=Z,55nm,1.2s	32.37	13	Iamb Iamb	02 22 45.9
BINY	Binghamton baz=197,SNR=8.7	32.37	13	P	02 22 44.4 +1.9
BINY	Binghamton baz=197,SNR=8.7	32.37	13	P	02 22 45.1 +2.6
JFWS	Jewell Farm baz=170,SNR=29	32.42	353	P	02 22 42.9 0.0
JFWS	Jewell Farm baz=170,SNR=29	32.42	353	P	02 22 43.5 +0.7
J47A	Summer baz=180,SNR=8.6	32.42	0	P	02 22 43.1 +0.2
J47A	baz=180,SNR=8.6			P	02 22 44.1 +0.2
MMNY	Mt. Morris Dam comp=Z,53nm,1.4s	32.52	10	P	02 22 44.6 +0.8
KSCT	Kent School, K baz=166,SNR=9.7	32.54	16	Iamb Iamb	02 22 47.2
K38A	Parkersburg baz=166,SNR=9.7	32.54	349	P	02 22 44.1 +0.1
MDP	Montagnes des comp=Z,65nm,18.9s,baz=273,slow=38	32.55	97	LR LR	02 36 30.7
L59A	Walton baz=198,SNR=6.0	32.58	14	P	02 22 46.3 +2.0
L59A	baz=198,SNR=6.0			P	02 22 46.3 +2.0
SDCO	Great Sand Dun baz=140,SNR=12	32.61	329	P	02 22 45.6 +0.6
SDCO	Great Sand Dun baz=140,SNR=12	32.61	329	P	02 22 46.0 +1.0
PB16	IPOC Station P comp=Z,5m,1.1s	32.67	152	Iamb Iamb	02 22 54.8
K57A	Sciop Center comp=Z,56nm,1.2s	32.77	12	Iamb Iamb	02 22 48.8
K57A	Sciop Center baz=190,SNR=9.0	32.77	12	P	02 22 48.2 +2.2
ITTB	Itaituba comp=Z,24nm,1.5s	32.79	116	eP	02 22 46.0 -0.5
MALB	Monte Alegre comp=Z,25nm,1.0s	33.06	110	eP	02 22 50.9 +2.0
I49A	Point Hope baz=184,SNR=7.3	33.18	3	P	02 22 50.2 +0.7
I49A	baz=184,SNR=7.3			P	02 22 50.2 +0.7
J56A	Wolcott baz=195,SNR=7.8	33.23	11	P	02 22 51.9 +1.9
J56A	baz=195,SNR=7.8			P	02 22 51.9 +1.9
I45A	Fountain comp=Z,11nm,1.1s	33.24	358	P	02 22 50.3 +0.3
214A	Organ Pipe Nat comp=Z,13nm,1.1s	33.24	314	Iamb Iamb	02 22 53.3
214A	Organ Pipe Nat baz=194,SNR=7.7	33.24	314	P	02 22 51.4 +1.1
I42A	Draeger Farm baz=173,SNR=38	33.24	355	P	02 22 50.3 +0.2
S22A	4UR Ranch, Cre baz=138	33.29	328	P	02 22 52.5 +1.5
TRY	Troy comp=Z,28nm,1.2s	33.42	15	Iamb Iamb	02 22 55.4
I40A	Norwalk baz=170,SNR=12	33.43	353	P	02 22 51.8 +0.1
J57A	Williamstown comp=Z,69nm,1.4s	33.53	12	Iamb Iamb	02 22 56.0
J57A	Williamstown baz=196,SNR=7.5	33.53	12	P	02 22 53.4 +0.8
J57A	baz=196,SNR=7.5			P	02 22 53.4 +0.8
J58A	Remsen baz=197,SNR=12	33.63	13	P	02 22 54.8 +1.3
J58A	baz=197,SNR=12			P	02 22 54.8 +1.3
OGNE	Ogallala comp=Z,70nm,1.4s	33.66	336	Iamb Iamb	02 22 57.4
OGNE	Ogallala baz=199,SNR=6.6	33.66	336	P	02 22 54.8 +0.9
H43A	Windswept, Lux baz=175,SNR=30	33.73	356	P	02 22 54.3 -0.1
MVCO	Mesa Verde comp=Z,11nm,1.1s	33.81	325	Iamb Iamb	02 23 02.2
MVCO	Mesa Verde baz=196	33.81	325	P	02 22 56.6 +1.1
PB11	IPOC Station P comp=Z,14nm,1.0s	33.85	153	Iamb Iamb	02 23 11.5
J59A	Pleco comp=Z,25nm,1.1s	33.91	14	Iamb Iamb	02 22 58.8
I37B	Waseca baz=165,SNR=25	33.98	349	P	02 22 56.0 -0.5
GLMI	Graying baz=181,SNR=8.4	34.01	1	P	02 22 57.6 +0.8
GLMI	Graying baz=181,SNR=8.4	34.01	1	P	02 22 57.6 +0.8
ACCN	Adirondack Com comp=Z,55nm,1.4s	34.04	15	Iamb Iamb	02 23 00.3
ACCN	Adirondack Com baz=200	34.04	15	P	02 22 59.2 +2.2
VILB	Vilhena comp=Z,25nm,1.1s	34.06	133	Iamb Iamb	02 22 56.8 -0.8
VILB	Vilhena baz=149	34.06	133	eP	02 22 58.5 +0.9
WVCN	West Carthage baz=196,SNR=8.1	34.15	12	P	02 22 59.2 +1.2
G45A	Suttons Bay baz=179,SNR=10	34.23	359	P	02 22 58.7 0.0
G45A	baz=179,SNR=10			P	02 22 58.7 0.0
ISCO	Idaho Springs baz=142	34.26	331	P	02 22 60.0 +0.6
ISCO	Idaho Springs baz=142	34.26	331	P	02 23 00.4 +

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Laurel Mtn Rad, Agassiz Nation, AGMN Agassiz Nation, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DY2G, ILULI, ICESS, INK, BCAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, NVAR Mina Array Bea, ILAR Eielson Array, etc.

ASRS 03 03:17:52.7:0.2,55°N,1.1x8°E, h5km, MLH4.7/11, Error ellipse: s-maj=2.8km s-min=2.1km az=16.8, confirmed

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BRCC Berchikul, BRCR Berchikul, KEM Kemerovo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Songino Array, Taragay, Sverdlouvs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like NNC, SOME, KRNET, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like DZA, IUG, FRG, MRKS, etc.

MDD 03:03:56.18.2.0.6,37.04N,4.43W, h11km,2km, mb_Lg1.6/6, Error ellipse: s-maj=5.2km s-min=2.9km az=167.0,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like EGOR, EMAL, EMIJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like EQES, KRNET, OHH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARE1, SAJU, DBBC, ANIL, etc.

ISK 03 06:13:17.1, 39.42N, 25.87E, h6km, ML2.6/17
DDA 03 06:13:18.0, 0.0, 39.43N, 25.90E, h4km, ML2.4
ATH 03 06:13:18.5, 39.41N, 25.88E, h13km, 2km, ML2.5, Error
ellipse: s-maj=2.6km s-min=0.9km az=206.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GPNR, KOKA, SIGR, etc.

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

MAN 03 06:56:25.13, 46N, 120.00E, h5km, Ms3.3
NEIC 03 06:56:31.9, 0.8, 13.74N, 0.10, 120.4E, 0.1, h78km, 10km,
mb4.6/9, Error ellipse: s-maj=18.0km s-min=12.9km
az=114.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCHZ, McNeill Hill, NTVZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DVP, KOUNC, YATNC, etc.

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

NNC 03 07:13:03.2, 0.1, 50.02N, 78.81E, h0km, mb3.6, mpv3.4,
6C-4D, Error ellipse: s-maj=6.2km s-min=1.7km az=80.0,
Suspected Mining explosion., Eastern Kazakhstan

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

IDC 03 07:34:20.5, 0.9, 30.89N, 129.90E, h149km, 11km, mb3.3/4,
mbmp3.6/6, Error ellipse: s-maj=36.4km s-min=10.4km
az=103.0

JMA 03 07:34:23.1, 0.2, 30.9N, 0.4, 130.3E, 0.8, h153km, 1km,
MV3.0/30, NEAR TANEGASHIMA ISLAND

ISC 03 07:34:21.3, 0.9, 30.87N, 0.05, 130.17E, 0.09, h164km, 7km,
n18, r111/28, mb3.5/4, Kyushu

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

JMA 03 07:41:15.8, 0.1, 42.4N, 0.4, 141.4E, 0.5, h131km, 1km,
MV2.7/36, S OFF TOMAKOMAI
IDC 03 07:41:16.6, 17.0, 42.38N, 141.44E, h155km, 103km,
mb3.3, mbmp3.6/5, MS2.3/1, Error ellipse:
s-maj=255.6km s-min=41.4km az=66.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, IMAR Indian Mountain, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PATCX Patux, GO01 Chusmiza, TA01 Diego Aracena, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like V55A Hartsele, X48A Hartsele, CPCT Cooper Cave, etc.

UDC 03 09:22:16.1+2.3, 21.08S; 0.05:68.74W; 0.07, h114km, 6km, mb4.7/43, ML4.0(GUC), Error ellipse: s-maj=10.2km

VAO 03 09:22:16.0+2.3, 21.04S; 68.79W, h119km, mb4.4, IDC 03 09:22:16.0+2.3, 21.10S; 68.57W, h120km, 5km, mb3.8/8, mbmp4.2/12, MS3.0/3, Error ellipse: s-maj=16.9km

GUC 03 09:22:16.8+2.3, 21.09S; 68.79W, h116km, 4km, ML4.1, IDC 03 09:22:15.9+2.0, 21.05S; 68.73W; 0.05, h115km, 5km, n163, r125/178, mb4.7/24, C-8D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like AZU Azu, BBAC Balboa, POCP Popayan, etc.

IDC 03 09:27:29.8-1.1, 3.46N; 82.73W, h0km, mb3.7/6, mbmp3.7/6, MS2.9/3, Error ellipse: s-maj=67.2km

s-min=22.2km az=61.0
UCR 03 09:28:31.8.0.4.7.95N-83°56W,h1km,309km,MW3.1
ISC 03 09:27:33.2.0.9.3.39N.0:09.82°97W.0.09,h24km,n32,
e161/30,mb3.8/6,South of Panama

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

RSNC 03 09:37:43.2.0.6,6.77N-73°17W,h141km,3km,ML1.7,2C,
Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations in Northern Colombia.

SOME 03 09:52:44.8,41.68N-77°50E,h15km
KRNET 03 09:52:44.4.0.1,41.69N-77°50E,h20km,mb2.2
NCC 03 09:52:47.2.0.7,41.81N-77°50E,h0km,mb3.1,mpv3.1,
Error ellipse: s-maj=4.6km s-min=2.5km az=5.0
ISC 03 09:52:44.5.1.5,41.67N.0:06.77°43E.0:02,h5km,1.3km,
n37,r1906/67,10C-6D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations in the Kyrgyzstan-Xinjiang border region.

Table with columns: M/DOK, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations in the M/DOK region.

SOME 03 09:53:14.6,39°48N-73°17E,h5km
NCC 03 09:53:18.3.1.4,39.66N-73°18E,h0km,mb3.9,mpv3.5,
Error ellipse: s-maj=1.0km s-min=5.3km az=169.0
ISC 03 09:53:16.7.3.1,39.8N.0:2.73°19E.0:04,h10km,n20,
e251/29,2C-4D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations in the Tajikistan-Xinjiang border region.

Table with columns: T/NS, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations in the T/NS region.

IDC 03 09:57:37.7.0.8,35°50S-78°36E,h0km,mb4.1/12,
mbtmp4.1/12,MS3.8/18,Error ellipse: s-maj=28.3km
s-min=21.5km az=68.0
NEIC 03 09:57:39.9.1.3,35°60S.0:09.78°2E.0:1,h15km,3km,
mb4.5/20,Error ellipse: s-maj=14.9km s-min=13.3km
az=115.0
ISC 03 09:57:38.8.0.6,35°63S.0:09.78°2E.0:1,h10km,n60,
e085/22,mb4.3/19,MS3.8/18,Mid-Indian Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations in the Mid-Indian Ridge region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations.

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

ISK 03 12:20:43.9, 40:69N:35:52E, h3km, ML2.5/5 DDA 03 12:20:44.2, 40:71N:35:46E, h7km, ML2.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AMSY Amasya-Merkez, YARM Yarm, KIZO Buyukkozoglu-L, etc.

KRNET 03 12:28:48.9, 0.1, 39:51N:73:76E, mb3.8 SOME 03 12:28:50.1, 39:45N:73:48E, h10km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, AML Almayashu, GAR Garm, etc.

Main table with columns: CHMS, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHMS 9.3nm, 0.7s, CHGR Chuyargaron, etc.

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

TRN 03 12:35:21.2, 10:90N:61:10W, h30km, MD3.7, Trinidad

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TRN Trinidad, TRN Brigand Hill, TPR Prospect, etc.

GUC 03 12:42:25.1, 0.7, 25:09S:69:03W, h117km, 5km, ML3.3 NEIC 03 12:42:25.2, 0.4, 25:05S:06:69E, 1W:0.1, h112km, 6km

3d 13h

Table with columns: Code, Station Name, IAML, Time, Res, and various data points for stations like G002, PB14, PB14, etc.

MAN 03 12:49:32.13, 13.23N, 120.28E, h12km, Ms3.9
NEIC 03 12:49:38.1.1, 13.36N, 120.09E, h24km, 2km,
mb4.6/17, Error ellipse: s-maj=26.4km s-min=12.2km
az=79.0

IDC 03 12:49:38.1.1.6, 13.38N, 120.65E, h71km, 16km, mb3.7/8,
mbmp4.0/8, MS3.1/2, Error ellipse: s-maj=40.4km
s-min=14.0km az=66.0

ISC 03 12:49:39.9.1.1, 13.25N, 120.03E, h30km, 8km,
n49, c1962/54, mb4.3/15, 2C-10D, Mindoro

Table with columns: Code, Station Name, IAML, Time, Res, and various data points for stations like LUBP, LUBP, PGP, etc.

Table with columns: Code, Station Name, IAML, Time, Res, and various data points for stations like MKAR, BBOO, STKA, etc.

TRN 03 13:27:44.0, 10.39N, 62.79W, h2km, MD3.9, Near coast of Venezuela

Table with columns: Code, Station Name, IAML, Time, Res, and various data points for stations like TTP, TRN, TRN, etc.

IDC 03 13:28:07.5.6.1, 2.99S, 132.33E, h0km, mb3.6/2,
mbmp3.6/3, ML3.5/1, Error ellipse: s-maj=395.2km
s-min=30.2km az=74.0

DJA 03 13:28:13.8.0.9, 3.29S, 131.04E, h0km, n10,
MLV3.5/9
ISC 03 13:28:13.8.0.9, 3.29S, 131.04E, h0km, n10,
c1953/12, Irian Jaya region

Table with columns: Code, Station Name, IAML, Time, Res, and various data points for stations like FAKI, FAKI, MSAI, etc.

KRNET 03 13:38:36.1.0.1, 39.50N, 73.68E, mb3.3
NNC 03 13:38:39.3.1.4, 39.55N, 73.59E, h0km, mb3.7, mpv3.4,
Error ellipse: s-maj=9.9km s-min=4.9km az=173.0

SOME 03 13:38:40.7.3, 39.75N, 73.25E, h5km
ISC 03 13:38:38.1.1.6, 39.66N, 0.06E, 73.57E, h0km, 13km,
n27, c210/46, 17C-7D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, IAML, Time, Res, and various data points for stations like OHH, OHH, BTK, etc.

Table with columns: Code, Station Name, IAML, Time, Res, and various data points for stations like DGS, KK31, KK31, etc.

PGC 03 13:47:54.0, 47.99N, 121.87W, h18km, ML2.2, ML2.0/20,
55km northeast of Seattle, Wa Washington
NEIC 03 13:47:53.4.3.1, 47.99N, 121.87W, h0.03, h21km, 7km,
Error ellipse: s-maj=3.5km s-min=2.1km az=129.0

SEA 03 13:47:54.0, 2.5, 47.99N, 121.87W, h0.02, h18km, 2km,
ML2.2/54, ML2.1/36(NEIC), Error ellipse: s-maj=2.1km
s-min=1.2km az=56.0

ISC 03 13:47:53.7.0.9, 47.99N, 121.90W, h0.02, h25km, 5km,
n115, c092/161, Washington

Table with columns: Code, Station Name, IAML, Time, Res, and various data points for stations like MBPA, MBPA, EVCC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, I S C. Includes stations like B011 North Saanich, B009 North Saanich, B009 North Saanich, etc.

IDC 03 13:57:47.4+1.1, 52.41N, 168.72W, h0km, mb3.8/17, mbtmp3.8/18, ML2.9/1, Error ellipse: s-maj=30.8km s-min=16.4km az=166.0

AEIC 03 13:57:50.1, 9.5220N, 0.09-168.57W, h0.08, h1km, 5/6m, Error ellipse: s-maj=13.2km s-min=7.0km az=169.0

NEIC 03 13:57:52.6, 1.4, 52.35N, 0.09-168.66W, h0.07, h37km, 7/m, mb3.8/30, ML3.3/6, ML3.1(AEIC), Error ellipse: s-maj=12.8km s-min=6.2km az=171.0

IDC 03 13:57:51.3, 0.7, 52.32N, 0.09-168.59W, h0.06, h29km, n98, e1504/93, mb3.8/17, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, I S C. Includes stations like NIKH Nikolski High, CLCO Concord Point, CLES Cleveland East, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, I S C. Includes stations like PMR Palmer, HIN Hinchinbrook I, FID Fort Fidalgo, etc.

FI A1 FINESSE Array S 65.99 352 P P 14 08 34.2 0.0

NC204 NORSAR Array S 66.76 0 P P 14 08 39.7 +0.4

NC405 NORSAR Array S 66.92 360 P P 14 08 40.7 +0.4

NOA NORSAR Array B 66.99 0 P P 14 08 41.2 +0.4

HFS Hagfors 67.89 359 P P 14 08 46.0 -0.4

AKTO Aktyubinsk 70.30 330 P P 14 09 01.8 +0.3

ABKAR Akbulak array 74.73 329 P P 14 09 04.1 0.0

CMAR Chiang Mai Arr 77.10 283 P P 14 09 42.2 +0.3

KBZ Khabaz 80.55 337 P P 14 10 00.1 -0.3

BRTR Keskin Array B 86.32 343 P P 14 10 31.3 +0.9

ASAR Alice Springs 90.73 231 P P 14 10 51.1 -0.1

RHSSO 03 14:12:21.8, 0.8, 41.76N, 19.45E, h3km, 2km, ML2.5/8

TIR 03 14:12:21.5, 41.86N, 19.37E, h44km, 1km, Md2.9, Ml2.4

PDG 03 14:12:22.0, 41.82N, 19.35E, h15km, Md2.4/1, ML2.4/1/3, Error ellipse: s-maj=0.1km s-min=0.2km az=0.0

BE0 03 14:12:23.0, 0.4, 41.85N, 19.32E, h9km, 2km, ML2.1/13

ISC 03 14:12:22.4, 0.9, 41.83N, 0.02-19.38E, 0.02, h13km, 7/m, n56, e1902/104, 2C-6D, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, I S C. Includes stations like BCI baz=45, CEME Cevo, CEME Cevo, PESH Peshkopia, etc.

IDC 03 14:18:22.0, 3.3, 14.06N, 92.53W, h0km, mb3.6/4, mbtmp3.5/6, ML3.4/2, MS3.9/1, Error ellipse: s-maj=140.1km s-min=43.5km az=47.0

MEX 03 14:18:23.5, 0.5, 13.77N, 92.84W, h16km, 45km, MD4.1

GCG 03 14:18:41.4, 0.3, 14.48N, 91.59W, h30km, 3km, MD3.8

ISC 03 14:18:22.9, 1.1, 14.03N, 0.07-92.84W, 0.04, h10km, n23, e202/34, mb3.7/4, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, I S C. Includes stations like THIG El Naranjo, PATR Patate, CHUJ Union Juarez, etc.

IDC 03 14:32:43.9, 1.2, 26.76N, 130.21E, h0km, mb3.6/4, mbtmp3.4/6, ML2.5/2, MS2.9/3, Error ellipse: s-maj=48.8km

MDOK	Medeo	4.64	35	eP	Pb	15 58 05.6	-0.8
MDOK	45nm,0.6s			eS	Sb	15 59 06.2	+3.8
MDOK	141nm,0.9s	4.64	35	ePn	Pn	15 57 55.4	+0.3
MDOK	baz=36			ePg	Pb	15 58 09.7	+3.3
MDOK	baz=36			eLg	Lg	15 59 10.6	
MDOK	Medeo	4.64	35	flPn	Pn	15 57 55.7	+0.5
MDOK	11nm,0.5s			Pg	Pb	15 58 05.7	-0.8
MDOK	30nm,0.5s			Pg	Pg	15 58 06.3	-7.5
MDOK	28nm,0.5s			Lg	Lg	15 59 06.4	
MDOK	194nm,1.0s			Lg	Lg	15 59 06.9	
MDOK	122nm,0.8s	4.65	34	PN	Pn	15 57 56.8	+1.6
KNDC	Almaty	4.65	34	flPn	Pn	15 57 56.8	+1.6
KNDC	Almaty			flPg	Pb	15 58 05.4	-1.1
KNDC	19nm,0.5s			flLg	Lg	15 59 08.2	
KNDC	148nm,0.8s			eP	Pb	15 58 11.7	+0.2
KTBS	973nm,1.4s	4.95	29	eP	Pb	15 59 15.8	+4.6
KTBS	Karabote			eS	Sb	15 58 11.1	-0.4
KTBS	31nm,0.6s			Pg	Pg	15 59 16.6	
KTBS	148nm,0.7s			Lg	Lg	15 57 59.5	-0.2
KUU	Karabote			e	Pn	15 59 18.2	
KUU	Karabote			e	Pn	15 58 12.1	-0.1
KUU	22nm,0.4s			eS	Sb	15 59 16.8	+4.6
KUU	Kurly	4.99	25	ePn	Pn	15 57 59.5	-0.2
KUU	141nm,0.7s			ePg	Pg	15 58 13.1	+0.9
KUU	Kurly			eLg	Lg	15 59 18.2	
KUU	baz=26			Pg	Pb	15 58 12.2	0.0
KUU	Kurly	4.99	25	Pg	Pb	15 59 18.1	
KUU	38nm,0.6s			Lg	Lg	15 58 16.0	+0.4
CHKK	Chushkaly	5.18	30	ePN	Pb	15 59 25.2	
CHKK	28nm,0.5s			eS	Sb	15 58 15.7	+0.1
CHKK	Chushkaly			eS	Sb	15 59 23.2	+5.3
CHKK	108nm,0.7s			ePg	Pb	15 58 16.1	+0.4
CHKK	Chushkaly			eLg	Lg	15 59 25.2	
CHKK	baz=31			Pg	Pb	15 58 15.9	+0.4
CHKK	Chushkaly	5.18	30	Pg	Pb	15 59 24.8	
CHKK	19nm,0.4s			Lg	Lg	15 58 03.1	-0.2
SATY	Saty	5.24	44	ePN	Pb	15 58 20.6	
SATY	Saty			eP	Pb	15 58 17.5	+1.0
SATY	24nm,0.8s			eS	Sb	15 59 25.5	+6.0
SATY	82nm,1.0s			ePn	Pn	15 58 03.1	-0.2
SATY	Saty			ePg	Pb	15 58 20.7	+4.1
SATY	baz=46			eLg	Lg	15 59 28.1	
SATY	baz=46			Pg	Pb	15 58 16.8	+0.2
SATY	23nm,0.6s			Lg	Lg	15 59 26.1	
SATY	75nm,0.8s			Lg	Lg	15 58 21.2	+1.6
KURS	Kuran	5.42	40	eP	Pb	15 59 32.1	+7.5
KURS	28nm,0.8s			eS	Sb	15 59 32.1	+7.5
UZB	Uzynybulak	5.63	47	ePN	Pn	15 58 09.9	+1.2
UZB	36nm,1.0s			ePn	Pn	15 58 09.9	+1.2
UZB	Uzynybulak			ePg	Pb	15 58 24.8	+1.5
UZB	baz=48			Lg	Lg	15 59 41.8	
UZB	baz=48			Pn	Pn	15 58 09.6	+0.8
BTLS	Baital	5.65	4	ePN	Pn	15 58 26.0	
BTLS	20nm,0.8s			eP	Pb	15 59 39.0	
BTLS	Baital			eS	Sb	15 58 23.8	+0.3
BTLS	47nm,0.7s			eS	Sb	15 59 37.3	+6.1
BTLS	baz=4.1			ePn	Pn	15 58 09.6	+0.8
BTLS	baz=4.1			ePg	Pb	15 58 26.1	+2.6
BTLS	baz=4.1			Lg	Lg	15 59 39.1	
BTLS	Baital	5.65	4	Pg	Pb	15 58 23.9	+0.5
BTLS	25nm,0.5s			Lg	Lg	15 59 37.5	
KPKS	Kokpek	5.66	43	ePN	Pn	15 58 08.8	-0.3
KPKS	baz=44			ePn	Pn	15 58 08.9	-0.3
KPKS	Kokpek			ePg	Pb	15 58 26.6	+2.8
KPKS	baz=44			eLg	Lg	15 59 44.1	
KPKS	baz=44			P	Pn	15 58 14.1	+4.4
CHEP	Cherat	5.70	193	P	Pn	15 58 14.6	+4.5
CHEP	Chirah Chowk	5.74	181	P	Pn	15 58 12.3	+1.0
ARXS	Arharly	5.82	33	ePN	Pn	15 58 27.4	+1.0
ARXS	Arharly			Pg	Pb	15 59 43.2	
ARXS	41nm,0.5s			Lg	Lg	15 58 14.0	+1.8
ARXS	76nm,0.7s			ePN	Pn	15 58 14.1	+1.8
SHLS	Shalkode	5.89	49	ePN	Pn	15 58 36.6	-1.0
SHLS	Shalkode			ePn	Pn	15 58 36.6	-1.0
SHLS	baz=52			Pg	Pg	15 58 36.6	-1.0
SHLS	baz=52			eLg	Lg	15 59 58.0	
KBL	Kabul	5.99	217	Pn	Pn	15 58 14.3	+0.6
KBL	Kabul			PN	Pn	15 58 14.3	+0.6
PDGK	Podgornoye	6.01	47	Pn	Pn	15 58 13.8	-0.2
PDGK	Podgornoye			P	Pb	15 58 32.6	+2.8
PDGK	Podgornoye			flPn	Pn	15 58 13.8	-0.2
PDGK	7.4nm,0.6s			flPg	Pb	15 58 32.6	+2.8
PDGK	17nm,0.6s			Lg	Lg	15 59 48.2	
PDGK	65nm,0.8s			Lg	Lg	15 58 26.6	+2.8
THW	Thame Wali	6.74	192	P	Pn	15 58 27.0	+2.6
JMU	Jammu	6.78	169	eP	Pn	15 59 43.2	+1.6
JMU	Jammu			eS	Sn	15 58 33.3	+3.1
JMU	Thein Dam	7.20	164	eP	Pn	15 59 58.8	+3.8
JMU	Thein Dam			eS	Sn	16 00 23.4	+3.4
THN	Bhakra	8.34	162	eS	Sn	15 58 52.3	+0.1
SHK	Simla	8.81	159	eP	Pn	16 00 24.3	-7.1
SMLA	Simla			eS	Sn	16 00 36.3	
SMLA	comp=N,41nm,0.6s			IAML		16 00 36.6	
SMLA	comp=E,41nm,0.6s			IAML		16 00 36.6	
MAKZ	Makanchi	9.68	37	P	Pn	15 59 04.5	+0.3
MAKZ	Makanchi			P	Pn	15 59 04.5	+0.3
MK31	Makanchi Array	9.82	38	Pn	Pn	15 59 06.2	+0.1
MK31	Makanchi Array			eP	Pn	15 59 07.9	+1.8
MK31	Makanchi Array			flPn	Pn	15 59 07.9	+1.8
MK31	comp=E,9nm,0.6s			flLg	Lg	16 01 52.9	
MK31	comp=E,24nm,1.4s			Pn	Pn	15 59 06.7	+0.6
MKAR	Makanchi Array	9.82	38	Pn	Pn	15 59 06.7	+0.6
MKAR	comp=E,0.1nm,0.3s, baz=223, slow=12, SNR=10						

MKAR	comp=E,0.2nm,0.3s, baz=216, slow=31, SNR=5.7			Lg	Lg	16 01 51.5	
MKAR	comp=E,1.4nm,0.9s			Pn	Pn	15 59 06.4	+0.3
MKAR	Makanchi Array	9.82	38	Pn	Pn	15 59 08.3	+2.2
MKAR	Makanchi Array			eP	Pn	15 59 14.9	-1.6
MKAR	comp=Z,1.0nm,0.9s			ePg	Lg	16 02 18.9	
BRZS	Berezinski	10.59	357	eP	Pn	15 59 29.9	+0.6
BRZS	Berezinski			ePn	Pn	15 59 32.4	+2.6
BRZS	baz=357			eLg	Lg	15 59 31.2	-3.0
KUDL	Kundal	11.52	166	eP	Pn	15 59 34.2	+2.6
WMQ	Urumqi	11.78	16	Pn	Pn	15 59 32.4	+2.6
kurbb	Kurchatov Arra	11.78	16	Pn	Pn	15 59 31.2	-3.0
kurbb	baz=209, slow=13, SNR=3.0			Lg	Lg	16 02 56.1	
KURBB	comp=Z,0.1nm,0.3s, baz=204, slow=30, SNR=9.4			Lg	Lg	16 04 20.1	
KURBB	comp=Z,190nm,20.4s, baz=184, slow=39			LR	LR	15 59 31.2	-3.0
KURBB	comp=Z,0.2nm,0.4s			Pn	Pn	15 59 35.5	+1.2
KURK	Kurchatov	11.89	16	P	Pn	15 59 34.9	-1.9
KURK	Kurchatov			P	Pn	16 01 50.8	-0.6
GEYT	Alibeck	12.06	268	Pn	Pn	15 59 34.8	-2.0
GEYT	Alibeck			Pn	Pn	15 59 34.7	-2.1
GEYT	Alibeck			Pn	Pn	15 59 34.7	-2.0
GEYT	Alibeck			Pn	Pn	15 59 58.5	-1.4
GEYT	Alibeck			Pn	Pn	15 59 58.5	-1.4
GEYT	Alibeck			flSn	Sn	16 02 31.9	-0.9
GEYT	Alibeck			Pn	Pn	15 59 58.1	-1.8
GEYT	Alibeck			Pn	Pn	15 59 58.1	-1.8
GEYT	Alibeck			LR	LR	16 05 31.0	
GEYT	Alibeck			Pn	Pn	16 00 22.2	-0.9
GEYT	Alibeck			Pn	Pn	16 03 07.5	-7.1
GEYT	Alibeck			LR	LR	16 06 49.3	
GEYT	Alibeck			Pn	Pn	16 00 32.8	-3.2
GEYT	Alibeck			Pn	Pn	16 00 35.5	-3.2
GEYT	Alibeck			Pn	Pn	16 00 33.4	-2.6
GEYT	Alibeck			LR	LR	16 07 10.3	
GEYT	Alibeck			Pn	Pn	16 00 32.5	-3.5
GEYT	Alibeck			Pn	Pn	16 00 34.9	-1.1
GEYT	Alibeck			P	Pn	16 00 44.7	-0.8
GEYT	Alibeck			P	Pn	16 00 48.5	+1.3
GEYT	Alibeck			P	Pn	16 00 52.1	+0.9
GEYT	Alibeck			S	Sn	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck			Pmax	Pmax	16 03 51.9	-5.1
GEYT	Alibeck			Pmax	Pmax	16 00 44.7	-0.8
GEYT	Alibeck			Pmax	Pmax	16 00 48.5	+1.3
GEYT	Alibeck			Pmax	Pmax	16 00 52.1	+0.9
GEYT	Alibeck						

GCSA		S	S	16 21 10.1	+17		
SPCR	baz=230 Spurr Chakacha	17.40	46	P	P	16 17 36.4	+1.8
SPCR	baz=248,SNR=36		S	S	16 21 08.1	+1.4	
SPU	baz=248 Mount Spurr	17.46	46	P	P	16 17 35.8	+0.5
BRLK	Bradley Lake	17.55	51	Pn	Pn	16 17 33.7	-1.6
K20K	Telida	17.60	38	P	P	16 17 36.4	-0.3
K20K	baz=238,SNR=83	17.60	38	P	P	16 17 37.6	+0.9
K20K	baz=238		S	S	16 21 13.7	+1.6	
BRSE	Bradley Lake S	17.61	51	P	P	16 17 36.8	-0.1
SKT	Novinta River	18.00	44	P	I	16 17 41.8	+0.6
SKT	Skwentna		I	I	16 17 45.2		
SKT	comp=Z,207nm,0.9s Skwentna	18.00	44	P	P	16 17 42.5	+1.4
SKT	baz=246,SNR=159		S	S	16 21 19.5	+1.4	
J20K	Novinta River	18.01	36	P	P	16 17 41.9	+0.7
J20K	Novinta River	18.01	36	P	P	16 17 42.7	+1.5
J20K	baz=236		S	S	16 21 22.1	+1.6	
PPLA	Purkeypile	18.12	41	P	I	16 17 43.2	+0.6
PPLA	comp=Z,346nm,1.2s		I	I	16 17 50.4		
PPLA	Purkeypile	18.12	41	P	P	16 17 44.3	+1.8
PPLA	baz=243,SNR=103		S	S	16 21 25.3	+1.7	
SUA	Susitna One	18.15	46	P	P	16 17 42.8	-0.1
SUA	Susitna One	18.15	46	P	P	16 17 43.5	+0.6
SUA	baz=249,SNR=44		S	S	16 21 20.6	+1.2	
BILL	Billibino	18.21	342d	I	P	16 17 45.9	+2.5
BILL	comp=Z,53nm,1.3s		P	P			
BILL	comp=Z,541nm,16.0s		MLR	MLR			
RDOG	Red Dog Mine	18.29	19	P	P	16 17 40.2	-4.0
O22K	Cooper Landing	18.31	49	P	I	16 17 43.1	-1.3
O22K	Cooper Landing	18.31	49	P	Pn	16 17 44.3	-0.3
SEW	Seward	18.33	51	P	I	16 17 43.4	-1.4
SEW	comp=Z,148nm,0.8s		I	I	16 17 46.2		
SEW	Seward	18.33	51	P	P	16 17 43.5	-1.3
CAST	Castle Rocks	18.40	39	P	Pn	16 17 45.6	-0.2
CAST	comp=Z,112nm,0.8s		I	I	16 17 51.3		
CAST	Castle Rocks	18.40	39	P	Pn	16 17 47.3	+1.6
RC01	Rabbit Creek A	18.49	47	P	P	16 17 46.2	-0.2
RC01	Rabbit Creek A	18.49	47	P	Pn	16 17 47.7	+0.9
RC01	baz=251,SNR=9.3		S	S	16 21 34.7	+1.9	
M22K	Willow	18.54	45	P	I	16 17 46.5	-0.5
M22K	comp=Z,334nm,1.1s		I	I	16 18 09.0		
M22K	Willow	18.54	45	P	Pn	16 17 48.0	+0.6
CHUM	Chulitna	18.54	38	P	Pn	16 17 49.0	+1.6
CHUM	baz=240		S	S	16 21 34.5	+1.8	
CUT	Chulitna	18.71	43	P	I	16 17 48.4	-0.6
CUT	comp=Z,472nm,1.1s		I	I	16 17 49.5	0.0	
CUT	Chulitna	18.71	43	P	Pn	16 21 33.9	+1.4
CUT	baz=247		S	S	16 21 33.9	+1.4	
PMR	Palmer	18.93	46	P	P	16 17 50.2	-1.0
PMR	Palmer	18.93	46	P	P	16 17 50.2	-1.0
PMR	comp=Z,48nm,1.0s		P	P			
MA2	Magadan	19.06	307	P	Pn	16 17 58.0	+4.3
MA2	comp=Z,15nm,0.8s, baz=78,slow=10,SNR=5.7		LR	LR	16 24 37.8		
MA2	Magadan	19.06	307	P	P	16 17 52.0	-0.8
MA2	Magadan	19.06	307	P	P	16 17 52.0	-0.8
GHO	Glory Hole Cre	19.08	46	P	P	16 17 51.6	-1.5
TRF	Thorofare Moun	19.14	40	P	P	16 17 52.8	-1.0
TRF	Thorofare Moun	19.14	40	P	Pn	16 17 54.3	-0.5
BPAW	Bear Paw Mtn.	19.16	38	P	I	16 17 53.0	-0.9
BPAW	comp=Z,159nm,1.2s		I	I	16 17 55.3	+0.4	
BPAW	Bear Paw Mtn.	19.16	38	P	Pn	16 21 41.1	+1.2
KNK	Knik Glacier	19.17	47	P	I	16 17 53.3	-0.7
KNK	comp=Z,106nm,0.8s		I	I	16 17 57.0		
KNK	Knik Glacier	19.17	47	P	Pn	16 17 54.7	-0.4
IMAR	Indian Moutai	19.20	31	Pn	Pn	16 17 55.4	+0.1
H21K	Melozitna Rive	19.32	33	Pn	I	16 17 56.5	-0.2
H21K	comp=Z,260nm,1.4s		I	I	16 18 01.7		
H21K	Melozitna Rive	19.32	33	P	Pn	16 17 57.4	+0.6
H21K	baz=235,SNR=138		S	S	16 21 40.8	+8.6	
SEY	Seymchan	19.32	318	P	P	16 17 55.5	0.0
SEY	comp=Z,0.3nm,0.3s, baz=119,slow=9.1,SNR=19		P	P	16 22 16.6	0.0	
SEY	comp=Z,5.6nm,0.7s, baz=112,slow=4.3,SNR=6.4		LR	LR	16 25 15.6		
SEY	comp=Z,685nm,18.4s, baz=111,slow=37		ScP	ScP	16 25 48.5	-1.4	
SEY	comp=Z,22nm,1.0s, baz=106,slow=3.2,SNR=25		P	P	16 17 57.6	+0.9	
SEY	Seymchan	19.32	318	P	P	16 17 57.6	+0.9
I21K	Tanana	19.34	35	Pn	I	16 17 55.5	-0.5
I21K	comp=Z,148nm,0.9s		I	I	16 17 59.1		
I21K	Tanana	19.34	35	P	Pn	16 17 57.5	+0.5
I21K	baz=237,SNR=181		S	S	16 21 45.2	+1.3	
SML	Sawmill	19.36	46	P	P	16 17 54.7	-1.3
SML	Sawmill	19.36	46	P	P	16 17 55.6	-0.5
G21K	Allakaket	19.60	30	P	Pn	16 18 00.6	+0.5
G21K	baz=232		S	S	16 21 46.0	+7.0	
WAT1	Susitna Watana	19.61	43	P	P	16 17 57.8	-1.0
WAT1	baz=248		S	S	16 21 46.4	+7.1	
M23K	Glacier View	19.62	46	P	P	16 17 57.8	-1.1
GLI	Glacier Island	19.66	49	P	P	16 17 58.7	-0.6
GLI	Glacier Island	19.66	49	P	P	16 17 59.1	-0.2
RND	Reindeer	19.71	41	P	I	16 17 59.5	-0.4
RND	comp=Z,77nm,0.7s		I	I	16 18 07.4		
RND	Reindeer	19.71	41	P	P	16 17 59.5	-0.4
MLY	Manley	19.71	36	P	Pn	16 18 01.3	-0.1
MLY	Manley	19.71	36	P	P	16 18 01.5	0.0
MLY	baz=239,SNR=164		S	S	16 21 54.1	+1.2	

Q23K	Middleton Isla	19.72	54	P	I	16 17 59.0	-0.9
Q23K	comp=Z,93nm,0.8s		I	I	16 18 16.3		
Q23K	Middleton Isla	19.72	54	P	P	16 18 00.4	+0.4
MID	Middleton Isla	19.73	54	P	I	16 18 00.6	+0.6
MID	comp=Z,88nm,0.8s		I	I	16 18 16.2		
MID	Middleton Isla	19.73	54	P	P	16 18 00.6	+0.6
MID	comp=Z,88nm,0.8s		P	P			
BWN	Browne	19.78	39	P	I	16 18 00.8	+0.2
BWN	comp=Z,351nm,1.0s		I	I	16 18 19.0		
MCK	McKinley	19.81	40	P	P	16 17 59.5	-1.4
MCK	McKinley	19.81	40	P	P	16 17 59.5	-1.4
MCK	comp=Z,73nm,0.9s		P	P			
MCK	McKinley	19.81	40	P	P	16 18 00.3	-0.6
MCK	baz=245,SNR=44		S	S	16 21 53.7	+1.0	
SCM	Sheep Creek Mo	19.82	46	P	I	16 17 59.7	-1.4
SCM	comp=Z,86nm,0.8s		I	I	16 18 07.2		
SCM	Sheep Creek Mo	19.82	46	P	P	16 17 59.7	-1.4
SCM	comp=Z,86nm,0.8s		P	P			
SCM	Sheep Creek Mo	19.82	46	P	P	16 18 00.1	-1.0
SCM	baz=252,SNR=55		S	S	16 21 50.2	+5.8	
HIN	Hinchenbrook I	19.83	51	P	I	16 18 00.8	-0.4
HIN	comp=Z,95nm,1.0s		I	I	16 18 03.6		
WAT6	Susitna Watana	19.87	44	P	P	16 18 00.5	-1.3
WAT6	baz=250,SNR=53		S	S	16 21 49.2	+3.4	
FID	Port Fidalgo	19.92	50	P	I	16 18 00.7	-1.4
FID	baz=250		I	I	16 18 04.2		
H22K	Ishlaila Cre	19.94	33	P	Pn	16 18 04.3	+0.1
F21K	Alatna River	20.05	29	P	Pn	16 18 05.4	-0.1
F21K	baz=230		S	S	16 21 52.7	+2.8	
NEA2	Nenana	20.13	38	P	I	16 18 04.1	-0.3
NEA2	comp=Z,180nm,0.9s		P	P			
NEA2	Nenana	20.13	38	P	P	16 22 17.7	-0.4
NEA2	baz=243,SNR=114		P	P	16 18 04.5	+0.2	
DHY	Denali Highway	20.20	43	P	I	16 18 04.6	-0.8
DHY	comp=Z,329nm,1.1s		I	I	16 18 07.6		
DHY	Denali Highway	20.20	43	P	P	16 18 05.0	-0.3
EYAK	Cordova Ski Ar	20.23	51	P	P	16 18 05.1	-0.4
EYAK	Cordova Ski Ar	20.23	51	P	P	16 18 06.0	+0.5
I23K	Minto, Yukon-K	20.27	36	P	I	16 18 05.8	-0.1
I23K	comp=Z,107nm,0.9s		I	I	16 18 12.2		
I23K	Minto, Yukon-K	20.27	36	P	P	16 18 06.8	+0.8
I23K	baz=241,SNR=142		S	S	16 22 01.2	+6.0	
DIV	Divide	20.35	49	P	P	16 18 05.8	-1.1
KLU	Klutina	20.37	48	P	I	16 18 05.9	+1.3
KLU	comp=Z,81nm,0.8s		I	I	16 18 13.4		
KLU	Klutina	20.37	48	P	Pn	16 18 08.9	-0.3
KLU	baz=255,SNR=68		S	S	16 22 05.3	+7.8	
M24K	Tolsona, Glenn	20.42	46	P	P	16 18 06.7	-0.9
M24K	comp=Z,286nm,1.2s		I	I	16 22 08.2	+9.4	
M24K	Tolsona, Glenn	20.42	46	P	P	16 18 07.0	-0.6
M24K	baz=253,SNR=41		S	S	16 22 08.2	+9.4	
M24K	baz=253		S	S	16 22 08.2	+9.4	
WRH	Wood River Hill	20.45	39	P	P	16 18 06.5	-1.3
G22K	Bettles	20.48	31	P	Pn	16 18 09.6	-0.8
H23K	Yukon River	20.54	35	P	I	16 18 08.9	0.0
H23K	comp=Z,89nm,1.0s		I	I	16 18 16.8		
H23K	Yukon River	20.54	35	P	Pn	16 18 10.2	-1.1
H23K	baz=239,SNR=116		S	S	16 22 09.3	+7.6	
MDM	Murphy Dome	20.61	38	P	I	16 18 09.4	-0.2
MDM	comp=Z,218nm,0.9s		I	I	16 18 15.7		
CCB	Clear Creek Bu	20.64	39	P	I	16 18 08.8	-1.1
CCB	comp=Z,127nm,1.0s		I	I	16 18 26.8		
TCOL	CIGO, UAF Yank	20.72	38	P	P	16 18 09.6	-1.1
TCOL	comp=Z,111nm,0.8s		I	I	16 18 23.0		
TCOL	CIGO, UAF Yank	20.72	38	P	P	16 22 18.8	-0.3
TCOL	baz=244,SNR=34		S	S	16 18 12.3	+0.9	
COLA	College	20.72	38	P	I	16 22 17.4	+1.2
COLA	comp=Z,111nm,0.8s		I	I	16 18 09.8	-1.0	
COLA	College	20.72	38	P	P	16 22 18.8	-0.3
G23K	Banza Creek	20.85	32	P	P	16 18 12.2	-1.0
G23K	baz=237		P	P	16 18 13.7	-1.1	
BMRM	Bremner River	20.87	50	P	I	16 18 10.0	-2.4
BMRM	comp=Z,133nm,0.9s		I	I	16 18 18.4		
BMRM	Bremner River	20.87	50	P	P	16 18 11.8	-0.7
BMRM	baz=258,SNR=68		P	P	16 18 10.5	-2.0	
HDA	Harding Lake	20.88	40	P	P	16 18 11.0	-1.5
HDA	Harding Lake	20.88	40	P	P	16 18 13.5	+0.1
HAR	HAARP	20.96	46	P	P	16 18 13.5	+0.1
HAR	baz=254,SNR=33		S	S	16 22 16.3	+4.6	
PAX	Paxson	20.99	44	P	I	16 18 12.5	-1.3
PAX	comp=Z,253nm,1.2s		I	I	16 18 19.9		
PAX	Paxson	20.99	44	P	P	16 18 12.5	-1.3
PAX	comp=Z,253nm,1.2s		P	P			
PAX	Paxson	20.99	44	P	P	16 18 12.8	-1.0
PAX	baz=252,SNR=193		S	S	16 22 06.4	+0.8	
POKR	Poker Plat Res	20.99	38	P	I	16 18 12.5	-1.1
POKR	comp=Z,88nm,0.9s		I	I	16 18 16.6		
POKR							

TJN	Taejon	40.86	270ceP	P	16 21 13.3 +1.2
TJN	Taejon	40.86	270 P	P	16 21 13.3 +1.2
PLID	Pearl Lake	40.94	73 P	P	16 21 12.4 -0.5
BEKR	Beckworth	41.20	83 P	P	16 21 14.8 -0.3
MSO	Missoula	41.25	70 IAMB	IAMB	16 21 11.4 -0.5
MSO	comp-Z,66nm,1.1s	41.25	70 P	P	16 21 15.2 -0.1
MSO	baz=301,SNR=58	41.25	70 P	P	16 21 17.5 +0.5
NWPK	Namwon	41.45	269 P	P	16 21 20.0 +0.3
MAPK	Martis Peak	41.74	83 P	P	16 21 22.2
MPK	comp-Z,64nm,1.0s	41.74	83 P	P	16 21 20.5 -0.4
EMB	Emerald Bay	41.89	84 P	P	16 21 21.2 +0.4
PAHR	PAH Range	41.90	82 IAMB	IAMB	16 21 22.9
PAHR	comp-Z,59nm,1.1s	41.95	76 P	P	16 21 21.1 0.0
MFID	Camas Ranch	41.95	76 P	P	16 21 22.9
MFID	comp-Z,56nm,1.3s	41.98	83 P	P	16 21 23.3 +0.7
VCNR	Virginia City	41.98	83 P	P	16 21 23.9
VCNR	comp-Z,53nm,1.2s	42.13	83 P	P	16 21 23.6 +0.8
PNTR	Pine Nut	42.13	83 P	P	16 21 35.1
PNTR	comp-Z,66nm,0.8s	42.14	262 P	P	16 21 23.1 +0.4
JSU	Suzuyama	42.14	262 P	P	16 21 25.2
JSU	comp-Z,36nm,1.0s	42.29	85 P	P	16 21 24.5 +0.6
CMB	Columbia Colle	42.29	85 P	P	16 21 24.5 +0.6
CMB	comp-Z,16nm,1.1s	42.41	87 P	P	16 21 25.3 +0.5
SAO	San Andreas Ge	42.41	87 P	P	16 21 25.3 +0.5
SAO	comp-Z,22nm,1.2s	42.42	83 P	P	16 21 25.6 +0.5
YERR	Yerington	42.42	83 P	P	16 21 27.3
YERR	comp-Z,42nm,1.2s	42.55	69 P	P	16 21 25.5 -0.5
HRV	Holter Researc	42.55	69 P	P	16 21 26.4 -0.6
LRM	Limekin Ridge	42.66	71 P	P	16 21 27.6 +0.1
LRM	HLID	42.72	74 P	P	16 21 29.4
HLID	comp-Z,74nm,1.1s	42.72	74 P	P	16 21 28.2 +0.7
HLID	HLID	42.72	74 P	P	16 21 28.2 +0.7
BBGB	Big Mountain B	42.78	87 P	P	16 21 28.2 +0.2
BBGB	comp-Z,44nm,1.1s	42.81	80 P	P	16 21 30.3
BMN	Battle Mountai	42.81	80 P	P	16 21 28.6 +0.4
BMN	comp-Z,39nm,1.1s	42.82	71 P	P	16 21 28.6 +0.4
DLMT	Dillon	42.82	71 P	P	16 21 27.8 -0.4
MCMT	McKenzie Canyo	42.96	72 P	P	16 21 29.3 -0.2
EGMT	Eagleton	43.06	66 P	P	16 21 29.6 -0.4
EGMT	comp-Z,301,SNR=12	43.08	83 P	P	16 21 30.9 +0.4
RYN	Ryan	43.09	82 P	P	16 21 30.8 +0.3
KVN	Kaiserville	43.09	82 P	P	16 21 30.8 +0.3
KVN	comp-Z,19nm,1.0s	43.16	87 P	P	16 21 31.8 +0.9
PMPB	Monarch Peak	43.16	87 P	P	16 21 31.4 -0.4
BOZ	Bozeman (W)	43.26	70 P	P	16 21 32.8
BOZ	comp-Z,79nm,0.8s	43.26	70 P	P	16 21 31.4 -0.4
BOZ	Bozeman (W)	43.26	70 P	P	16 21 31.8 0.0
BOZ	comp-Z,79nm,0.8s	43.26	70 P	P	16 21 31.8 0.0
BOZ	Bozeman (W)	43.26	70 P	P	16 21 33.2 +1.1
LHV	Little Huntoon	43.33	83 P	P	16 21 35.0
LHV	comp-Z,46nm,1.2s	43.34	83 P	P	16 21 33.5 +0.9
NVAR	Mina Array Bea	43.34	83 P	P	16 23 21.7 +0.8
NVAR	comp-Z,11nm,0.8s, baz=294,slow=7.9,SNR=87	43.35	85 P	P	16 27 09.9 +0.3
NVAR	comp-Z,2.8nm,0.7s, baz=266,slow=3.3,SNR=2.7	43.35	85 P	P	16 27 09.9 +0.3
NVAR	comp-Z,5.8nm,0.8s, baz=296,slow=4.4,SNR=2.1	43.35	85 P	P	16 37 50.3
NVAR	comp-Z,167nm,20.7s, baz=301,slow=34	43.34	83 P	P	16 21 33.0 +0.4
NVAR	Mina Array Bea	43.34	83 P	P	16 27 08.5 -1.1
NVAR	Mina Array Bea	43.34	83 P	P	16 21 33.5 +0.8
MDPB	Devils Postpil	43.35	85 P	P	16 21 34.1 +1.6
MDPB	XILinHaoTe	43.36	287 P	P	16 21 44.5 -1.1
XLT	comp-Z,26nm,1.0s	43.36	287 P	P	16 21 49.6 +7.6
XLT	comp-Z,240nm,4.5s	43.36	287 P	P	16 27 10.9 +1.5
XLT	comp-Z,42nm,13.9s	43.36	287 P	P	16 21 50.6 +0.2
XLT	comp-Z,250nm,13.2s	43.36	287 P	P	16 21 51.5 +0.5
XLT	comp-Z,260nm,19.5s	43.36	287 P	P	16 21 51.9 +0.9
OMMB	Old Mammoth M	43.41	85 P	P	16 21 50.1 -0.2
NV11	Mina Array Sit	43.43	83 P	P	16 21 52.2
Q09A	Carvers	43.79	82 P	P	16 21 50.3 -1.0
Q09A	comp-Z,54nm,0.8s	43.79	82 P	P	16 21 50.3 -1.0
QLMT	Earthquake Lak	43.80	71 P	P	16 21 51.5 -0.3
PAGB	Antelope Grae	43.81	88 P	P	16 21 52.1 +0.3
PAGB	comp-Z,40nm,1.2s	43.81	88 P	P	16 21 51.7 -0.1
ELK	Elko	43.84	78 LR	LR	16 21 51.6 -0.4
ELK	comp-Z,154nm,18.6s, baz=328,slow=36	43.84	78 LR	LR	16 21 53.2
ELK	Elko	43.84	78 P	P	16 21 51.5 -0.4
ELK	comp-Z,33nm,0.9s	43.84	78 P	P	16 21 52.6 +0.7
ELK	Elko	43.84	78 P	P	16 21 53.1 -0.3
ELK	comp-Z,33nm,0.9s	43.84	78 P	P	16 21 56.0
FFC	Flin Flon	43.93	54 P	P	16 21 52.6 -0.5
FFC	Flin Flon	43.93	54 P	P	16 21 52.6 -0.5
FFC	comp-Z,5.0nm,0.9s	43.93	54 P	P	16 21 52.6 -0.5
FFC	Flin Flon	43.93	54 P	P	16 21 52.6 -0.5
FFC	comp-Z,5.0nm,0.9s	43.93	54 P	P	16 21 52.6 -0.5
FFC	Flin Flon	43.93	54 P	P	16 21 34.7 -2.1
FFC	Flin Flon	43.93	54 P	P	16 21 45.0 -1.2
FFC	Flin Flon	43.93	54 P	P	16 21 50.0 0.0
FFC	Flin Flon	43.93	54 P	P	16 21 22.5
FFC	Flin Flon	43.93	54 P	P	16 27 11.5 +0.1
YHL	Hebgen Lake	43.94	71 P	P	16 21 37.1 -0.3
YHL	comp-Z,133nm,1.1s	43.94	71 P	P	16 21 38.7
VOR	Valley Oaks Go	43.98	86 P	P	16 21 38.1 +0.7
YMG	Madison River	44.16	71 P	P	16 21 39.0 -0.2
YMG	comp-Z,102nm,0.9s	44.23	83 P	P	16 21 40.5
TPH	Tonopah	44.23	83 P	P	16 21 39.8 +0.1
TPH	Tonopah	44.23	83 P	P	16 21 39.8 +0.1
TPH	comp-Z,167nm,1.1s	44.24	85 P	P	16 21 39.8 +0.1
TIN	Tinemaha, Big	44.24	85 P	P	16 21 41.1 +1.4
SMMC	Gimmer	44.24	88 P	P	16 21 41.2 +1.6
SMMC	comp-Z,309	44.24	88 P	P	16 21 39.4 -0.8
GCMT	Greycliff	44.31	69 P	P	16 21 41.1 +0.8
YNR	Norris Junctio	44.31	71 P	P	16 21 42.2
YNR	comp-Z,95nm,0.9s	44.31	71 P	P	16 21 41.2 +0.8
YFT	Old Faithful	44.36	71 P	P	16 21 40.3 -0.4
YFT	comp-Z,71nm,0.9s	44.36	71 P	P	16 21 43.5
YFT	Vestal, Richg	44.47	87 P	P	16 21 41.8 +0.4
YFT	baz=310,SNR=7.6	44.48	72 P	P	16 21 41.9 +0.1
VPS	Pitchstone Pla	44.48	72 P	P	16 21 42.1 +0.3
LCH	Last Change Ra	44.49	84 P	P	16 21 43.8
LCH	comp-Z,41nm,1.4s	44.56	71 P	P	16 21 42.6 +0.2
LKWY	Lake	44.56	71 P	P	16 21 44.8
LKWY	comp-Z,78nm,0.8s	44.56	71 P	P	16 21 42.6 +0.2
LKWY	Lake	44.56	71 P	P	16 21 42.6 +0.2
LKWY	comp-Z,79nm,0.9s	44.56	71 P	P	16 21 42.6 +0.2
LKWY	comp-Z,310,SNR=6.0	44.56	71 P	P	16 21 44.3 +1.4

FLWY	Flagg Ranch	44.65	72 P	P	16 21 43.4 +0.4
FLWY	comp-Z,87nm,0.9s	44.65	72 P	P	16 21 45.0
HVU	Hansel Valley	44.73	76 P	P	16 21 43.6 -0.1
HVU	comp-Z,94nm,1.5s	44.73	76 P	P	16 21 45.6
HVU	Hansel Valley	44.73	76 P	P	16 21 43.6 -0.1
HVU	comp-Z,94nm,1.5s	44.73	76 P	P	16 21 45.6
GRAC	Grapevine Rang	44.81	84 P	P	16 21 44.6 +0.4
GRAC	comp-Z,34nm,1.3s	44.81	84 P	P	16 21 46.5
GRAC	Grapevine Rang	44.81	84 P	P	16 21 45.3 +1.1
GRAC	comp-Z,309,SNR=14	44.81	84 P	P	16 21 44.2 -0.2
MOOR	Moose Ponds	44.81	73 P	P	16 21 44.6 +0.1
ECR	Eagle Creek	44.84	73 P	P	16 21 44.6 +0.1
TPAW	Teton Pass	44.84	73 P	P	16 21 44.6 -0.1
BCW	Bitter Crk WRg	44.85	88 P	P	16 21 45.3 +0.8
BCW	comp-Z,30nm,0.8s	44.91	70 P	P	16 21 48.8
RLMT	Red Lodge	44.91	70 P	P	16 21 44.9 -0.2
RLMT	Red Lodge	44.91	70 P	P	16 21 45.6 +0.5
ISA	Isabella, Lake	44.97	86 P	P	16 21 44.9 -0.6
ISA	Isabella, Lake	44.97	86 P	P	16 21 44.9 -0.6
ISA	comp-Z,19nm,1.1s	44.97	86 P	P	16 21 45.7 +0.2
ISA	Isabella, Lake	44.97	86 P	P	16 21 45.7 +0.2
ISA	comp-Z,310,SNR=1.4	44.97	86 P	P	16 21 45.8 +0.1
REDW	Red Top Meadow	44.97	73 P	P	16 21 47.5
REDW	comp-Z,44nm,1.1s	44.97	72 P	P	16 21 45.5 -0.1
SNOW	Snow King Moun	44.97	72 P	P	16 21 47.7
SNOW	comp-Z,32nm,1.0s	44.98	72 P	P	16 21 45.5 -0.1
LOHW	Long Hollow	44.98	72 P	P	16 21 47.7
LOHW	comp-Z,25nm,0.9s	45.07	81 P	P	16 21 46.5 +0.1
R11A	Troy Canyon, C	45.07	81 P	P	16 21 48.1
R11A	comp-Z,39nm,1.1s	45.07	81 P	P	16 21 47.8
R11A	Troy Canyon, C	45.07	81 P	P	16 21 47.8
R11A	comp-Z,308,SNR=89	45.07	81 P	P	16 21 47.8
BGU	Big Grassy Mou	45.08	77 P	P	16 21 47.8
BGU	comp-Z,31nm,1.0s	45.08	77 P	P	16 21 46.5 +0.1
ARVC	Arvin	45.09	87 P	P	16 21 47.8
ARVC	baz=310	45.09	87 P	P	16 21 46.2 -0.1
AHID	Auburn Hatcher	45.17	73 P	P	16 21 47.0 -0.1
AHID	comp-Z,66nm,1.1s	45.17	73 P	P	16 21 48.8
MPMC	Manual Prospec	45.33	85 P	P	16 21 49.7 +0.7
MPMC	baz=310,SNR=5.5	45.33	85 P	P	16 21 47.0 -0.1
S11A	Rachel	45.41	82 P	P	16 21 49.7 +0.7
S11A	comp-Z,52nm,1.1s	45.41	82 P	P	16 21 51.1
SPR3	Spring Creek 3	45.45	80 P	P	16 21 50.1 +0.6
SPR3	comp-Z,15nm,0.8s	45.45	80 P	P	16 21 51.4
FURC	Furnace Creek,	45.46	84 P	P	16 21 50.1 +0.6
FURC	baz=310,SNR=30	45.46	84 P	P	16 21 50.3 +1.1
OSI	Osito Audit: C	45.49	88 P	P	16 21 50.7 +1.1
OSI	baz=311	45.49	88 P	P	16 21 50.7 +1.1
TPNV	Topopah Spring	45.54	83 P	P	16 21 50.4 +0.3
TPNV	comp-Z,36nm,0.7s	45.54	83 P	P	16 21 53.3
TPNV	Topopah Spring	45.54	83 P	P	16 21 50.4 +0.3
TPNV	comp-Z,37nm,0.7s	45.54	83 P	P	16 21 50.9 +0.8
TPNV	Topopah Spring	45.54	83 P	P	16 21 50.9 +0.8
TP					

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3d 16h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like RSSD Black Hills, RSDS Parker Dam, BLYC Blythe, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like GTA GTA, STA STA, STA STA, etc.

OK025	comp-Z,101nm,1.1s	I	Amb	I	Amb	16 23 23.5			
OK031	S. Brethren Rd	58.00	71	P	P	16 23 22.2	-0.7		
OK031	comp-Z,121nm,0.9s	I	Amb	I	Amb	16 23 23.6			
L42A	Oliver, Polo	58.01	61	P	P	16 23 21.4	-1.4		
L42A	comp-Z,47nm,1.3s	I	Amb	I	Amb	16 23 22.9			
OKCFA	Oklahoma City	58.01	72	P	P	16 23 22.5	-0.4		
OKCFA	Oklahoma City	58.01	72	P	P	16 23 22.8	-0.2		
LPIG	La Paz	58.03	91	LR	LR	16 43 20.2			
OK034	N. Norfolk Rd.	58.04	71	P	P	16 23 22.4	-0.8		
OK034	comp-Z,86nm,0.9s	I	Amb	I	Amb	16 23 23.7			
ARCES	ARCCESS Array B	58.04	350	P	P	16 23 21.4	-1.3		
ARCES	comp-Z,4.3nm,0.6s,baz=23,slow=7.6,SNR=17	P	P	P	P	16 23 23.1	-1.0		
ARCES	comp-Z,3.5nm,0.7s,baz=22,slow=6.7,SNR=3.6	LR	LR	LR	LR	16 51 04.9			
ARCES	comp-Z,1.80nm,19.2s,baz=1.5,slow=39								
ARCES	comp-Z,4.3nm,0.6s	P	P	P	P	16 23 21.1	-1.5		
ARCES	ARCCESS Array B	58.04	350	P	P	16 24 13.6	-0.6		
OK030	Cody Creek RV	58.05	71	P	P	16 23 22.5	-0.8		
OK030	comp-Z,111nm,1.0s	I	Amb	I	Amb	16 23 24.0			
FRANK	Franklin	58.15	72	P	P	16 23 23.4	-0.5		
SOEG	Soedalen	58.16	14	i	P	16 23 20.3	-3.2		
N41A	Harden Midland	58.22	63	P	P	16 23 23.6	-0.8		
N41A	comp-Z,24nm,0.7s	I	Amb	I	Amb	16 23 24.3			
K43A	Burlington	58.26	60	P	P	16 23 23.3	-1.3		
K43A	comp-Z,33nm,1.1s	I	Amb	I	Amb	16 23 25.3			
DEOK	Depew	58.28	71	P	P	16 23 24.1	-0.8		
DEOK	comp-Z,120nm,1.0s	I	Amb	I	Amb	16 23 25.5			
X34A	Smith Ranch, M	58.34	73	P	P	16 23 25.3	0.0		
P40A	Paris	58.35	65	P	P	16 23 24.0	-1.3		
P40A	Paris	58.35	65	P	P	16 23 24.2	-1.0		
L42A	Lovozero	58.41	346	P	P	16 23 23.7	-1.6		
L42A	comp-Z,1.16nm,0.9s	I	Amb	I	Amb	16 23 35.6			
L42A	Lovozero	58.41	346	i	P	16 23 23.9	-1.4		
L42A	Lovozero	58.41	346	P	P	16 23 24.1	-1.1		
L42A	Lovozero	58.41	346	P	P	16 23 24.2	-0.7		
ZSN	Zaisan	58.42	308	eP	P	16 23 24.0	-1.6		
ZSN	Zaisan	58.42	308	eP	P	16 23 24.1	-1.6		
TX31	Lajitas Ar. Si	58.44	81	P	P	16 23 25.7	-0.5		
TX31	Lajitas Ar. Si	58.44	81	P	P	16 23 25.9	-0.2		
TX32	Lajitas Array	58.44	81	P	P	16 23 25.6	-0.6		
TX32	comp-Z,34nm,1.3s	I	Amb	I	Amb	16 23 27.2			
TXAR	Lajitas Array	58.44	81	P	P	16 23 26.0	-0.2		
TXAR	comp-Z,1.1nm,0.7s	I	Amb	I	Amb	16 23 25.6	-0.5		
TXAR	Lajitas Array	58.44	81	P	P	16 23 26.0	-0.2		
TXAR	Lajitas Array	58.44	81	P	P	16 23 26.8	-0.2		
SLBS	Sierra La Lagu	58.56	91	P	P	16 23 26.7	+0.4		
SLBS	comp-Z,17nm,1.1s	I	Amb	I	Amb	16 23 46.7			
SLBS	Sierra La Lagu	58.56	91	P	P	16 23 27.4	+0.4		
SEM	Semipalatinsk	58.58	313	eP	P	16 23 26.1	-0.9		
SEM	Semipalatinsk	58.58	313	eP	P	16 23 26.1	-0.9		
SAMP	Sagrada Mountai	58.58	258	i	P	16 23 26.9	-0.3		
ABTX	Abilene, Hawle	58.61	76	P	P	16 23 27.0	-0.6		
ABTX	Abilene, Hawle	58.61	76	P	P	16 23 27.0	-0.2		
ABTX	Abilene, Hawle	58.61	76	P	P	16 23 27.4	+0.2		
TUL1	Leonard	58.65	71	P	P	16 23 26.6	-0.8		
TUL1	Leonard	58.65	71	P	P	16 23 26.9	-0.5		
TUL1	Leonard	58.65	71	P	P	16 23 27.1	-0.3		
L44A	Lake County Fo	58.85	60	P	P	16 23 28.4	-0.2		
S39A	Bolivar	58.88	67	P	P	16 23 26.3	-2.6		
S39A	comp-Z,31nm,0.8s	I	Amb	I	Amb	16 23 27.8			
S39A	Bolivar	58.88	67	P	P	16 23 27.1	-1.8		
APA	Apatity	58.90	346	i	P	16 23 34.4	+5.8		
APA	comp-Z,4.0nm,1.0s	I	Amb	I	Amb	16 23 30.4			
HPIG	HPIG	58.90	85	P	P	16 23 28.7	-0.8		
HPIG	comp-Z,14nm,1.0s	I	Amb	I	Amb	16 23 30.4			
RLO	Rose Lookout	58.93	70	P	P	16 23 28.1	-1.2		
RLO	comp-Z,50nm,0.8s	I	Amb	I	Amb	16 23 29.6			
R40A	Maddies Statio	59.07	66	P	P	16 23 28.2	-2.0		
R40A	Maddies Statio	59.07	66	P	P	16 23 28.8	-1.4		
KURK	Kurchatov	59.11	314	P	P	16 23 28.7	-1.6		
KURK	Kurchatov	59.11	314	i	P	16 23 28.9	-1.4		
KURK	comp-Z,7.0nm,0.8s	I	Amb	I	Amb	16 23 30.4			
U38A	Gravette	59.12	69	P	P	16 23 29.1	-1.5		
U38A	Gravette	59.12	69	P	P	16 23 29.7	-0.9		
LOOK	Love County	59.15	73	P	P	16 23 30.8	0.0		
LOOK	comp-Z,115nm,1.0s	I	Amb	I	Amb	16 23 33.1			
CD2	Chengdu	59.15	282	i	P	16 23 31.7	+0.7		
CD2	comp-Z,20nm,0.5s	I	Amb	I	Amb	16 23 33.1			
CD2	comp-Z,150nm,5.9s	LR	LR	LR	LR	16 23 30.8	0.0		
CD2	comp-Z,270nm,18.0s	LR	LR	LR	LR	16 23 31.7	+0.7		
CD2	comp-Z,250nm,26.6s	LR	LR	LR	LR	16 31 34.4	-1.9		
HDIL	Hopedale	59.20	62	P	P	16 23 29.7	-1.4		
HDIL	Hopedale	59.20	62	P	P	16 23 30.0	-1.1		
HDIL	Hopedale	59.20	62	P	P	16 23 30.8	-0.4		
KURBB	Kurchatov Arra	59.21	314	LR	LR	16 51 06.2			
M44A	Midewin, Midew	59.32	61	P	P	16 23 31.3	-0.6		
M44A	comp-Z,41nm,0.8s	I	Amb	I	Amb	16 23 32.2			
M44A	Midewin, Midew	59.32	61	P	P	16 23 31.5	-0.5		
SMGP	San Manuel, Pa	59.43	257	i	P	16 23 32.9	-0.1		
ANGG	Ammassalik, Gr	59.44	18	P	P	16 23 30.8	-1.5		
ANGG	comp-Z,41nm,1.4s	I	Amb	I	Amb	16 23 32.8			
WMQ	Urumiqi	59.47	303	eP	P	16 23 34.8	+1.8		
WMQ	comp-Z,30nm,0.7s	I	Amb	I	Amb	16 23 42.9	+0.2		
WMQ	comp-Z,850nm,16.3s	LR	LR	LR	LR	16 23 34.8	+1.8		
WMQ	comp-Z,410nm,23.1s	LR	LR	LR	LR	16 23 35.1	0.0		
WMQ	comp-Z,300nm,17.7s	LR	LR	LR	LR	16 23 35.0	0.0		
HHAR	Hobbs	59.48	69	P	P	16 23 31.5	-1.7		
HHAR	Hobbs	59.48	69	P	P	16 23 32.0	-1.2		
Z35A	Perchaven, San	59.56	74	P	P	16 23 32.8	-0.9		
Z35A	Perchaven, San	59.56	74	P	P	16 23 33.2	-0.5		
P43A	Skaggs, Pawnee	59.70	63	P	P	16 23 33.4	-1.1		
P43A	Skaggs, Pawnee	59.70	63	P	P	16 23 34.0	-0.6		
J47A	Summer	59.78	58	P	P	16 23 34.7	-0.4		
J47A	comp-Z,32nm,1.0s	I	Amb	I	Amb	16 23 36.3			
J47A	Summer	59.78	58	P	P	16 23 35.1	0.0		
J47A	comp-Z,314	P	P	P	P	16 23 35.1	0.0		

SCHO	Schefferville	59.81	38	P	P	16 23 33.5	-1.6		
SCHO	comp-Z,7.1nm,0.9s,baz=313,slow=6.9,SNR=6.1	LR	LR	LR	LR	16 50 49.7			
X37A	Clayton	59.81	71	P	P	16 23 34.9	-0.5		
X37A	Clayton	59.81	71	P	P	16 23 35.0	0.0		
CCM	Cathedral Cave	59.82	66	P	P	16 23 33.5	-1.9		
CCM	comp-Z,17nm,0.8s	I	Amb	I	Amb	16 23 34.4			
CCM	Cathedral Cave	59.82	66	P	P	16 23 33.5	-1.9		
CCM	Cathedral Cave	59.82	66	P	P	16 23 34.1	-1.3		
CCM	Cathedral Cave	59.82	66	P	P	16 23 34.1	-1.3		
CCM	Cathedral Cave	59.82	66	P	P	16 23 33.9	-1.5		
CCM	Cathedral Cave	59.82	66	P	P	16 23 42.6	-2.5		
MGMO	Mountain Grove	59.85	67	P	P	16 24 20.9			
O44A	Mansfield	59.93	62	P	P	16 23 35.5	-2.2		
O44A	comp-Z,26nm,0.8s	I	Amb	I	Amb	16 23 36.2			
O44A	Mansfield	59.93	62	P	P	16 23 35.7	-0.5		
SLM	Saint Louis	59.99	65	P	P	16 23 35.2	-1.4		
SLM	Saint Louis	59.99	65	P	P	16 23 36.7			
JCT	Junction City	60.01	78	P	P	16 23 35.5	-1.4		
JCT	Junction City	60.01	78	P	P	16 23 35.1	-1.4		
JCT	Junction City	60.01	78	P	P	16 23 35.6	-1.4		
JCT	Junction City	60.01	78	P	P	16 23 36.1	-0.9		
JCT	Junction City	60.01	78	P	P	16 23 36.3	-0.6		
VLDQ	Val d'Or	60.07	49	P	P	16 23 34.6	-2.4		
MK31	Makanchi Array	60.14	309	P	P	16 23 34.8	-2.7		
MK31	Makanchi Array	60.14	309	P	P	16 23 35.3	-2.3		
MKAR	Makanchi Array	60.14	309	P	P	16 23 35.8	-1.8		
MKAR	comp-Z,2.7nm,0.8s,baz=42,slow=6.8,SNR=20	P	P	P	P	16 24 25.4	+2.5		
MKAR	comp-Z,1.8nm,0.6s,baz=47,slow=7.0,SNR=2.4	ScP	ScP	ScP	ScP	16 28 20.1	-1.4		
MKAR	comp-Z,1.0nm,0.8s,baz=57,slow=4.5,SNR=4.0	LR	LR	LR	LR	16 51 07.7			
MKAR	comp-Z,2.23nm,20.0s,baz=40,slow=38								
MKAR	comp-Z,2.7nm,0.8s	I	Amb	I	Amb	16 23 34.8	-2.8		
MKAR	comp-Z,2.7nm,0.8s	I	Amb	I	Amb	16 23 36.6	-2.0		
MKAR	comp-Z,2.7nm,0.8s	I	Amb	I	Amb	16 23 38.2	-0.3		
MKAR	comp-Z,2.7nm,0.8s	I	Amb	I	Amb	16 23 36.5	-2.0		
MKAR	comp-Z,2.7nm,0.8s	I	Amb	I	Amb	16 23 37.6	-1.4		
MKAR	comp-Z,35nm,0.8s	I	Amb	I	Amb	16 23 39.0			
MKAR	French Village	60.33	65	P	P	16 23 37.6	-1.4		
MKAR	French Village	60.33	65	P	P	16 23 38.0	-0.9		
MKAR	French Village	60.33	65	P	P	16 23 38.0	-0.9		
MKAR	French Village	60.33	65	P	P	16 23 38.6	-0.8		
MKAR	French Village	60.33	65	P	P	16 23 41.5			
MKAR	Lake Whitney	60.38	75	P	P	16 23 39.6	+0.3		
MKAR	Lake Whitney	60.38	75	P	P	16 23 39.8	+0.5		
MKAR	Lake Whitney	60.38	75	P	P	16 23 38.7	-1.3		
MKAR	Lake Whitney	60.38	75	P	P	16 23 39.6	-0.4		
MKAR	Lake Whitney	60.38	75	P	P	16 23 40.8	+0.3		
MKAR	Lake Whitney	60.38	75	P	P	16 31 51.3	-2.7		
MKAR	Lake Whitney	60.38	75	P	P	16 32 06.0	+0.9		
MKAR	Lake Whitney	60.38	75	P	P				

3d 16h

Table with columns for call letters, name, frequency, power, and other technical details. Includes entries like HNR Honiara, 143A Soes Landing, PZH PanZhiHua, etc.

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Table with columns for call letters, name, frequency, power, and other technical details. Includes entries like E62A Clayton Lake, SWET Swanee, 146A Union, etc.

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Table with columns for call letters, name, frequency, power, and other technical details. Includes entries like 152A Waverly Hall, NC303 NORAR Array S, PAULI Pauline, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CLDR, AKDM, ADCV, DYPD, etc.

IDC 03 18:42:43.0, 18.985°169.09E, h143km, 80km, mb3.4/2, mbtmp3.8, Error ellipse: s-maj=138.6km s-min=60.1km az=151.0

NOU 03 18:42:46.3, 19.235°169.14E, h122km, MLV3.9/12, Vanuatu Islands

ISC 03 18:42:42.7, 1.9, 19.205°0.08, 169.4E:0.2, h150km, n13, r120/14, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DVP, LIFNC, MARNC, etc.

NNC 03 18:49:21.3, 9.7, 36.95N, 71.16E, h155km, 177km, mb2.6, mpv3.6, 1C-1D, Error ellipse: s-maj=141.8km s-min=56.3km az=41.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KK31, TKM2, AB31.

WEL 03 19:24:15.0, 5.39°S, 2°17.7E, h17km, 4km, M3.1/14, ML3.5/14, MLV3.1/14, Error ellipse: s-maj=0.0km s-min=0.0km az=106.6, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MCHZ, KWHZ, ARHZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WHVZ, KRZV, NGZ, etc.

TUL 03 19:25:54.4, 1.0, 35.85N, 0.02°97.23W, 0.02, h6km, 7km, ML2.6, mb, Lvg: 1/16(N/E/C), Error ellipse: s-maj=3.0km s-min=1.6km az=135.0, Oklahoma

NEIC 03 19:25:54.6, 0.7, 35.86N, 0.02°97.24W, 0.02, h9km, 6km, Error ellipse: s-maj=3.0km s-min=1.6km az=140.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OK029, OK025, etc.

GC02 Grant County #, KAN13 South Haven SW, TUL1 Leonard, T35A Sooner Cattle, etc.

WEL 03 19:29:58.0, 8.44°S, 5°16.8E, h12km, M3.5/12, ML3.7/17, MLV3.5/12, Error ellipse: s-maj=0.0km s-min=0.0km az=126.9, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAN08, WMOK, ELIS, etc.

WEL 03 19:29:58.0, 8.44°S, 5°16.8E, h12km, M3.5/12, ML3.7/17, MLV3.5/12, Error ellipse: s-maj=0.0km s-min=0.0km az=126.9, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MSZ, JCLZ, MZV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GCSZ, SYZ, TMZ, etc.

IDC 03 19:56:11.6, 6.2, 5, 12.00N, 143.37E, h54km, 21km, mb3.8/14, mbtmp4.1/14, MS3.5/5, Error ellipse: s-maj=22.9km s-min=16.1km az=112.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO, JCJ, JOW, etc.

TUR 03 19:25:54.4, 1.0, 35.85N, 0.02°97.23W, 0.02, h6km, 7km, ML2.6, mb, Lvg: 1/16(N/E/C), Error ellipse: s-maj=3.0km s-min=1.6km az=135.0, Oklahoma

NEIC 03 19:25:54.6, 0.7, 35.86N, 0.02°97.24W, 0.02, h9km, 6km, Error ellipse: s-maj=3.0km s-min=1.6km az=140.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OK029, OK025, etc.

GC02 Grant County #, KAN13 South Haven SW, TUL1 Leonard, T35A Sooner Cattle, etc.

WEL 03 19:29:58.0, 8.44°S, 5°16.8E, h12km, M3.5/12, ML3.7/17, MLV3.5/12, Error ellipse: s-maj=0.0km s-min=0.0km az=126.9, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIOV, SENIN, DIX, etc.

IDC 03 20:03:28.4, 1.8, 43.30N, 105.15W, h0km, mb3.9/3, mbtmp3.7/7, ML3.5/4, MS1.9/1, Error ellipse: s-maj=51.2km s-min=8.3km az=155.0, NEIC 03 20:03:32.1, 1.8, 43.78N, 0.05:105.30W:0.0, h0km, 2km, ML3.3/4, Error ellipse: s-maj=9.5km s-min=7.1km

ISC 03 20:03:31.3, 1.0, 43.82N, 0.06:105.32W:0.07, h0km, n41, r1807/41, mb3.9/3, Wyoming

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RSSD, K22A, K22A, etc.

3d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Greycliff, Ogalla, Moose Ponds, etc.

IDC 03 20:22:14.2, 1.4, 2.17N; 95:95W, h0km, mb3.9/10, mtbmp3.9/12, ML3.5/2, MS3.9/49, Error ellipse: s-maj=5.5km s-min=15.0km az=50.0

NEIC 03 20:22:16.7, 3.0, 2.5N; 0.1, 1.1h10km, 2km, mb4.4/20, Error ellipse: s-maj=27.9km s-min=18.7km az=234.0

GCMT 03 20:22:20.7, 0.3, 2.87N; 0.02:95:00W:0.0, h13km, 1km, MW4.9/86, Moment Tensor Solution. s18,c22: s86,c107; Duration: 0 Moment tensor: Scale 10^10Nm; Mrr-1.94e;15; Mss-1.62e;10; Mss-0.32e;09; Mss-1.69e;26; Mss-0.05e;06; Mrr-1.18e;30; Best double couple: Mo2.68500e10^16

ISC 03 20:22:17.0, 0.9, 2.6N; 0.1, 95:4W; 0.1, h10km, n83, r185/37, mb4.2/15, MS4.0/47, Galapagos Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Batan, Matias Romero, TLIG, OTAV, etc.

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Table with columns: SIV, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Ignacio, Pinedale Array, etc.

IDC 03 20:32:58.7, 3.3, 1.53N; 93:21W, h0km, mb3.5/5, mtbmp3.5/6, ML3.3/1, MS3.4/4, Error ellipse: s-maj=14.2km s-min=20.0km az=48.0

ISC 03 20:33:00.3, 2.1, 1.6N; 0.4, 93:2W; 0.4, h10km, n8, c0527/6, mb3.3/5, MS3.3/3, Galapagos Islands region

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

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IDC 03 20:38:37.6, 4.7, 7.46S; 148:37E, h192km, 34km, mb2.5/1, mtbmp3.1/3, Error ellipse: s-maj=233.1km s-min=51.7km az=120.0, Eastern New Guinea region

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

TUL 03 20:50:46.9, 0.5, 36.11N; 0.01:97:09W:0.01, h7km, 3km, ML2.4, mb_Lg2.1/3(NEIC), Error ellipse: s-maj=1.5km s-min=1.3km az=191.0

NEIC 03 20:50:47.5, 0.4, 36.11N; 0.01:97:09W:0.007, h4km, 4km, Error ellipse: s-maj=1.6km s-min=0.8km az=198.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK033, OK031, etc.

IDC 03 20:55:61.9, 3.3, 2.81N; 93:96W, h0km, mb3.5/6, mtbmp3.5/6, MS3.3/10, Error ellipse: s-maj=143.3km s-min=47.1km az=44.0

ISC 03 20:55:53.1, 3.3, 2.8N; 0.0, 94:0W; 0.6, h10km, n23, c0536/7, mb3.5/6, MS3.3/10, Galapagos Islands region

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

3d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, SONMI, SOMM, MKAR, BILLS, ZALV, CHGR, KKR, O18K, TTA, HOM, ILAR, QSPA, ABKAR, LPAB, DBIC.

ISK 02:23:08.8,37:05'N,28:36'E,h17km,1km,ML1.6/8,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YER, TUR, DALY, DAT, CAME, BODT, APMY, AYDB.

DDA 02:23:35:49.0,0.38,77'N,27:82'E,h7km,1km,ML1.2,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS, STEP, ZEDA.

TAP 02:22:40:53.9,24:47'N,122:29'E,h78km,ML3.4,B

JMA 02:22:40:53.5,0.2,24'N,122:3E:0.5,h79km,2km,

MV2.9/11,TAIWAN REGION

ISC 02:22:40:54.0,1.3,24:47'N,122:31'E:0.02,h77km,7km,

n109,σ190/198,Taiwan region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWC, EWUT, EGS, ENA, NDS, JYNG, NTC, TWE, YOJ, YOY, TIPB, ETL, NACB, LATG, FUSB, NDT, SXH, SKX1, TWD, NWF, WFSB, NWFL, NWLT, ETLH.

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Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWA, HWA, TWA, TWA, NNSB, NNSB, NNS, NNS, NNDH, NNDH, YHNB, YHNB, TEYL, TEYL, NSK, NSK, ETM, ETM, TATO, TATO, TAP1, TAP1, YM08, YM08, FUSS, FUSS, WHF, WHF, TWS1, TWS1, TWY, TWY, ESL, ESL, TEGC, TEGC, TWT, TWT, TWC, TWC, TDCB, TDCB, NFF, NFF, CHGB, CHGB, EGFB, EGFB, NCUH, NCUH, OWD, OWD, WUSB, WUSB, LIOB, LIOB, NSTT, NSTT, HSN1, HSN1, WHP, WHP, HGSD, HGSD, NHW, NHW, WVDT, WVDT, IRIF, IRIF, WPL, WPL, EHY, EHY, WCS, WCS, WCS, WCS, NMLH, NMLH, NMLH, NMLH, TWQ1, TWQ1, SSSL, SSSL, SSSL, SSSL, SMLT, SMLT, YULB, YULB, HATJ, HATJ, EYUL, EYUL, EYUL, EYUL, TYC, TYC, TWF1, TWF1, WDJ, WDJ.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKRS, JKRS, YUS, YUS, WJS, WJS, WNT, WNT, JJJ, JJJ, ALS, ALS, EDH, EDH, WDLH, WDLH, JISG, JISG, WRL, WRL, WRL, WRL, STYH, STYH, WTK, WTK, CHN4, CHN4, TPUB, TPUB, LDUT, LDUT, WTP, WTP, CHY, CHY, TWGB, TWGB, TWG, TWG, TWK, TWK, CHN1, CHN1, WSL, WSL, ICHU, ICHU, JTJ, JTJ, ECL, ECL, ECL, ECL, SSD, SSD, MASBT, MASBT, EAST, EAST, LAY, LAY, LAY, LAY, SCZT, SCZT, VWUC, VWUC, VWUC, VWUC, PNG, PNG, PHUB, PHUB, PHUB, PHUB, WDG, WDG, WDG, WDG, TWK1, TWK1, TWKBT, TWKBT, PTMZ, PTMZ, PTMZ, PTMZ, KNMB, KNMB, KNMB, KNMB.

IDC 02:24:26.9,2.4,4:20N,126:87E,h0km,mb3.4/3,

mbtmp3.4/3,2D,Error ellipse: s-maj=204.8km

s-min=25.3km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDMP, DDMP, KCP, KCP, WRA, WRA, ASAR, ASAR, MKAR, MKAR.

IDC 02:23:10:50.9,0.8,2:10N,94:80E,h0km,mb3.9/12,

mbtmp3.9/14,ML3.6/1,Error ellipse: s-maj=32.6km

s-min=16.7km az=49.0

NEIC 02:23:10:57.0,0.9,2:22N,0:07:95:03E:0:10,h29km,4km,

mb4.4/23,Error ellipse: s-maj=15.0km s-min=8.8km

az=60.0

DJA 02:23:10:59.2,1.4,2:14N,4:9:5E,12km,15km,M4.6/11,

mb4.7/6,mb5.2/3,MLV4.5/11,Mw(mB)4.6/3

ISC 02:23:10:54.8,0.6,2:17N,0:07:94:35E:0:06,h21km,n74,

-1309/63,mb4.4/27,2C,Off west coast of northern Sumatra

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

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Gunungsitoli, Kotacane, Aceh, Lhok Sumawe, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like mbmp3.9/11, Error ellipse, Don Marcelino, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Ludao, MEX 03 23:43:08, etc.

NEIC 03 23:18:40.9, 1.2, 5:90N; 0.05; 126.9E; 0.1, h141km, 6km, mb4, 1/16, Error ellipse: s-maj=20.9km s-min=7.0km az=91.0

IDC 03 23:18:45.2, 8.1, 5:85N; 127.15E, h197km, 81km, mb3, 4/11,

LCAR Lake Charles, N 21.79 3 P 23 48 14.0 +1.1

BCOK Bluff Creek, N 21.81 349 Iamb Iamb 23 48 17.2

4d 0h

Table of station data for the 4d 0h period, including call signs, frequencies, and coordinates.

2016 JUL

Main table of station data for July 2016, listing call signs, frequencies, and coordinates.

160

Table of station data for the 160 period, including call signs, frequencies, and coordinates.

MK31	Makanchi Array	43.98 298	i	P	P	01 03 05.9	0.0
MKAR	Makanchi Array	43.98 298	P	P	P	01 03 05.7	-0.2
MKAR	comp=Z,2.0nm,0.5s,baz=73,slow=6.3,SNR=40			PcP		01 04 51.3	+0.1
RIDG	Independent Ri	43.98 37	P	P	P	01 03 06.0	+0.3
RIDG	Independent Ri	43.98 37	P	P	P	01 03 05.7	0.0
C27K	Jago River	44.09 28	P	P	P	01 03 06.4	0.0
MAKZ	Makanchi	44.18 298	P	P	P	01 03 07.0	-0.4
MAKZ	comp=Z,7.6nm,1.0s			IAMB	IAMB	01 03 18.5	
MAKZ	Makanchi	44.18 298	P	P	P	01 03 07.1	-0.4
SCRK	Sand Creek	44.34 37	IAMB	IAMB		01 03 20.5	
SCRK	Sand Creek	44.34 37	P	P	P	01 03 08.4	-0.2
N25K	Chitina, Valde	44.36 40	P	P	P	01 03 09.4	+0.6
J26L	Joseph Creek	44.36 36	P	P	P	01 03 09.4	-0.2
I26K	Coal Creek Min	44.55 35	P	P	P	01 03 10.3	+0.1
L26K	Log Cabin Wild	44.74 38	P	P	P	01 03 11.8	+0.1
L26K	Log Cabin Wild	44.74 38	P	P	P	01 03 13.1	+1.3
VR2D	Verde Repeater	44.97 40	P	P	P	01 03 14.8	+1.0
M26K	Nabesna, AK	44.99 39	IAMB	IAMB		01 03 26.8	
M26K	Nabesna, AK	44.99 39	P	P	P	01 03 14.9	+1.1
KURK	Kurchatov	45.09 304	P	P	P	01 03 13.9	-0.7
KURK	Kurchatov	45.09 304	i	P	P	01 03 14.5	-0.1
K27K	Chicken	45.17 36	P	P	P	01 03 16.0	+0.9
CRQM	Cirque	45.20 41	P	P	P	01 03 16.1	+0.5
CRQM	comp=Z,1.7nm,1.2s			IAMB	IAMB	01 03 32.1	
WAX	Waxell Ridge	45.40 41	P	P	P	01 03 17.6	+0.6
L27K	Beaver Creek	45.42 38	IAMB	IAMB		01 03 30.1	
L27K	Beaver Creek	45.42 38	P	P	P	01 03 18.4	+1.2
BCAR	Beaver Creek A	45.44 38	P	P	P	01 03 18.4	+1.0
M27K	Edge Creek, AK	45.51 39	IAMB	IAMB		01 03 30.9	
M27K	Edge Creek, AK	45.51 39	P	P	P	01 03 19.2	+1.1
ISLE	Juniper Island	45.62 41	P	P	P	01 03 18.9	+0.1
ISLE	comp=Z,5.8nm,0.8s			IAMB	IAMB	01 03 35.4	
GRNC	Granite Creek	45.87 41	P	P	P	01 03 21.2	+0.2
CMAR	Chiang Mai Arr	46.07 253	P	P	P	01 03 22.7	-0.1
CMAR	comp=Z,4.1nm,18.0s,baz=200,slow=38			LR	LR	01 24 19.6	
CMAR	Chiang Mai Arr	46.07 253	eP	P	P	01 03 26.2	+3.4
DAWY	Dawson	46.33 36	P	P	P	01 03 25.9	+1.6
EPYK	Eagle Plains	47.03 33	P	P	P	01 03 30.0	+0.2
KRVY	Keravat (A5076)	47.20 171	LR	P	LR	01 23 56.9	
M30M	Minto, Yukon	47.78 38	P	P	P	01 03 35.9	+0.2
M30M	Minto, Yukon	47.78 38	P	P	P	01 03 37.0	+1.3
INK	Inuvik	47.88 30	LR	P	LR	01 24 43.7	
INK	Inuvik	47.88 30	IAMB	IAMB		01 03 47.3	
INK	Inuvik	47.88 30	P	P	P	01 03 36.6	+0.4
HYT	Haines Junctio	47.88 40	P	P	P	01 03 37.3	+0.8
HYT	Haines Junctio	47.88 40	P	P	P	01 03 38.3	+1.7
M31M	Drury Creek, Y	48.96 38	IAMB	IAMB		01 03 46.9	
M31M	Drury Creek, Y	48.96 38	P	P	P	01 03 46.0	+1.3
FARO	Faro, Yukon	49.42 38	IAMB	IAMB		01 04 00.9	
BOOM	Boomskeye usch	49.80 295	P	P	P	01 03 52.1	+0.5
BOOM	Boomskeye usch	49.80 295	P	P	P	01 03 52.1	+0.5
P33M	Teslin, Yukon	50.28 40	P	P	P	01 03 55.2	+0.3
P33M	Teslin, Yukon	50.28 40	P	P	P	01 03 55.9	+1.0
AAK	Ala-Archa	50.70 296	eP	P	P	01 04 08.7	+1.0
C36M	Paulatuk	50.93 27	P	P	P	01 03 59.1	-0.4
KK31	Karatay Array	53.11 298	P	P	P	01 04 15.4	-0.8
KK31	Karatay Array	53.11 298	P	P	P	01 04 15.4	-0.8
ARU	Arti	54.25 317	LR	LR	LR	01 30 56.7	
ARU	Arti	54.25 317	P	P	P	01 04 23.4	-0.8
ARU	Arti	54.25 317	IAMB	IAMB		01 04 48.6	
ARU	Arti	54.25 317	i	P	P	01 04 21.3	-0.3
ARU	Arti	54.25 317	S	S	S	01 11 57.1	-2.4
ARU	Arti	54.25 317			SS	01 14 03.5	
ARU	Arti	54.25 317			SKIKP	01 15 34.8	+2.1
RES	Resolute Bay	56.28 16	LR	LR	LR	01 29 02.7	
ABKAR	Aktubinsk array	56.74 309	P	P	P	01 04 41.8	-0.5
AKTO	Aktubinsk array	57.31 111	LR	LR	LR	01 33 28.5	
YKA	Yellowknife Ar	57.31 33	P	P	P	01 04 45.9	-0.2
YKA	comp=Z,0.3nm,0.7s,baz=299,slow=7.7,SNR=1.0			PcP		01 05 41.6	+1.6
PSI	Prapat	57.49 239	P	P	P	01 04 48.0	+0.5
PSI	comp=Z,3.0nm,0.9s			P	P	01 04 48.0	+0.1
RANS	Rantau Prapat	57.48 239	P	P	P	01 05 12.9	
KIRV	Kirov	57.64 322	LR	LR	LR	01 32 19.4	
LVZ	Lovozero	58.21 335	P	P	P	01 04 50.8	-1.6
LVZ	Lovozero	58.21 335	P	P	P	01 04 50.8	-1.6
KEV	Kevo	59.22 339	P	P	P	01 04 58.5	-0.9
KEV	Kevo	59.22 339	P	P	P	01 04 58.5	-0.9
ARCES	ARCESS Array	59.76 339	eP	P	P	01 05 02.3	-0.8
ARCES	comp=Z,1.6nm,0.6s			P	P	01 05 03.0	-0.1
ARCES	ARCESS Array B	59.76 339	eP	P	P	01 05 06.9	-2.2
KLMR	Klimovskoe	60.63 327	eP	P	P	01 05 07.0	-2.2
KLMR	Klimovskoe	60.63 327	eP	P	P	01 05 07.0	-2.2
BELG	Belogoroye	61.79 316	LR	LR	LR	01 34 54.5	
BUCK	Buck Mountain	62.89 54	P	P	P	01 05 25.6	+0.8
WBO	Warramunga Arr	63.03 192	P	P	P	01 05 25.8	+0.1

WBO	comp=Z,1.0nm,1.4s			IAMB	IAMB	01 05 45.0	
H04A	Detroit Lake	63.09 53	P	P	P	01 05 27.1	+1.1
H04A	comp=Z,6.1nm,0.8s			IAMB	IAMB	01 05 47.7	
HRA	Herat	63.14 293	P	P	P	01 05 25.6	-1.1
HRA	comp=Z,4.5nm,0.7s			IAMB	IAMB	01 05 38.6	
WRO	Warramunga Arr	63.20 192	P	P	P	01 05 26.2	-0.6
WRA	Warramunga Arr	63.21 192	P	P	P	01 05 25.3	-0.6
WRA	Warramunga Arr	63.21 192	eP	P	P	01 05 26.4	-0.5
WRA	comp=Z,2.0nm,0.8s			P	P	01 05 30.7	-0.5
GEYT	Alibek	63.85 298	P	P	P	01 05 30.7	-0.5
NEW	Newport	63.91 48	LR	LR	LR	01 30 10.2	
NEW	Newport	63.91 48	P	P	P	01 05 31.4	0.0
NEW	Newport	63.91 48	P	P	P	01 05 31.4	0.0
YBH	Yreka Blue Hor	64.46 56	P	P	P	01 05 36.2	+1.0
YBH	Yreka Blue Hor	64.46 56	P	P	P	01 05 36.2	+1.0
SUMG	Summit	64.95 1	P	P	P	01 05 38.1	-0.1
SUMG	Summit	64.95 1	P	P	P	01 05 38.1	-0.1
SUMG	Summit	64.95 1	P	P	P	01 05 37.0	-1.2
FIAT	FINESSE Array S	65.21 333	P	P	P	01 05 38.8	-0.8
FINES	FINESSE Array B	65.21 333	LR	LR	LR	01 36 13.1	
OBNN	Obninsk	65.40 323	LR	LR	LR	01 37 03.3	
VORR	Voronozh	66.39 319	eP	P	P	01 05 47.9	+0.6
VORR	comp=Z,1.0nm,0.4s			P	P	01 05 48.2	+0.3
PLID	Pearl Lake	66.42 50	P	P	P	01 05 41.3	+0.2
ASAR	Asar Springs	66.94 192	P	P	P	01 05 51.3	+0.2
DZM	Mont Dzumac	67.33 159	LR	LR	LR	01 33 59.4	
FCC	Fort Churchill	67.50 29	P	P	P	01 05 53.3	-0.9
FCC	Fort Churchill	67.50 29	P	P	P	01 05 53.3	-0.9
QUEC	Queen Island, N	67.76 159	P	P	P	01 05 55.5	-0.8
MBWA	Marble Bar	67.88 206	P	P	P	01 05 57.1	+0.1
LRM	Limekiln Ridge	67.93 48	P	P	P	01 05 57.6	+0.1
PNTR	Pine Nut	67.94 57	IAMB	IAMB		01 05 57.5	-0.2
ICESG	Iceberg	68.42 2	i	P	P	01 06 05.3	+5.0
BOZ	Bozeman (W)	68.52 47	P	P	P	01 06 02.0	+0.9
KVN	Kaiserville	68.89 56	P	P	P	01 06 05.1	+1.5
KVN	Kaiserville	68.89 56	P	P	P	01 06 05.1	+1.5
LHV	Little Huntoon	69.13 57	IAMB	IAMB		01 06 07.6	
NVAR	Mina Array Bea	69.14 57	P	P	P	01 06 05.6	+0.3
ELK	Elko	69.55 53	LR	LR	LR	01 34 51.1	
KBZ	Khabzar Array S	69.55 311	P	P	P	01 06 07.5	+0.2
KBZ	comp=Z,1.6nm,0.7s,baz=50,slow=3.5,SNR=2.1			P	P	01 06 10.1	+1.0
SFJD	Kangerlussuaq	69.90 7	P	P	P	01 06 10.1	+1.0
SFJD	comp=Z,5.9nm,0.5s,baz=332,slow=4.5,SNR=1.9			P	P	01 37 16.4	
NB20T	NORSAR Array S	70.06 338	P	P	P	01 06 10.2	-0.1
NB2	NORSAR Subarray	70.09 338	P	P	P	01 06 09.9	-0.6
NOA	NORSAR Array B	70.09 338	P	P	P	01 06 09.2	-1.2
NOA	comp=Z,3.8nm,0.6s,baz=337,slow=4.9,SNR=44			LR	LR	01 40 47.5	
HFS	Hagfors	70.12 337	LR	LR	LR	01 42 53.9	
NB000	NORSAR Array S	70.14 338	P	P	P	01 06 10.8	-0.4
NC602	NORSAR Array S	70.26 338	P	P	P	01 06 10.6	-0.7
NAO01	NORSAR Array S	70.35 338	P	P	P	01 06 11.1	-0.9
DY2G	Dye2	70.74 5	i	P	P	01 06 21.3	+6.7
R11A	Troy Canyon, C	70.86 55	P	P	P	01 06 16.7	+1.0
FURC	Furnace Creek,	71.27 58	P	P	P	01 06 19.6	+1.7
TPNV	Topopah Spring	71.34 57	P	P	P	01 06 19.5	+0.9
PDAR	Pinedale Array	71.49 49	P	P	P	01 06 19.5	0.0
QSM	Queen of Sheba	71.58 58	P	P	P	01 06 20.5	+0.6
AKASG	Malin Array Be	71.66 323	P	P	P	01 06 19.4	-0.6
RDMU	Red Mountain	72.94 50	IAMB	IAMB		01 06 42.4	
PFO	Pinyon Flats O	73.35 60	LR	LR	LR	01 41 00.7	
GURO	Guroymak-BITLI	73.42 307	IAMB	IAMB		01 06 32.2	+1.2
LVV	L'vov	74.56 323	eP	IAMB	IAMB	01 06 48.2	+1.1
BUR08	Bucovina Ar. S	75.70 325	P	P	P	01 06 56.0	
BURAR	Bucovina Array	75.72 323	P	P	P	01 06 43.3	-0.8
KOLS	Kolkele seel	75.98 325	eP	P	P	01 06 50.7	+5.3
CRVS	Cervencia-Dubn	76.34 326	eP	P	P	01 06 52.8	+5.3
CRVS	Cervencia-Dubn	76.34 326	eP	P	P	01 06 52.8	+5.3
LANS	Liptovska Anna	76.96 327	eP	P	P	01 06 54.2	+3.2
CHVC	Chyvalce	77.13 330	eP	P	P	01 07 03.4	+2.4
MORC	Moravsky Berou	77.22 328	P	IAMB	IAMB	01 06 51.4	-1.1
MORC	comp=Z,7.7nm,0.8s			P	P	01 06 51.4	-1.1
MORC	Moravsky Berou	77.22 328	P	P	P	01 06 52.7	+0.2
MORC	comp=Z,8.0nm,0.8s			P	P	01 07 04.2	
DPC	Dobruska-Polom	77.22 329	eP	P	P	01 06 51.2	-1.3
DPC	Dobruska-Polom	77.22 329	eP	P	P	01 07 04.3	-0.6
KRLC	Kraliky	77.27 329	eP	P	P	01 07 02.9	+0.1
KRLC	Kraliky	77.27 329	eP	P	P	01 07 04.2	+0.3
KRLC	Kraliky	77.27 329	eP	P	P	01 07 52.9	+0.1
BRTR	Reskin Array B	77.35 313	P	P	P	01 07 04.2	+0.3
MAUC	Maruska	77.44 328	eP	P	P	01 07 05.4	+2.7
CLL	Collin	77.64 332	P	P	P	01 06 54.6	-0.1
CLL	Collin	77.64 332	P	P	P	01 06 54.6	-0.1
CLL	comp=Z,14nm,1.0s			P	P	01 06 54.5	
CLL	Collin	77.64 332	i	P	P	01 06 58.0	+3.3
BRG							

GUN	comp=Z,16m,0.6s	15.40 134	eP	Pn	02 27 53.5	-3.8
PKI	comp=Z,7.7m,0.4s	15.41 136	eP	Pn	02 27 53.3	-4.1
AKTO	comp=Z,32m,0.7s	15.52 320	Pn	Pn	02 27 57.3	-1.2
AKTO	comp=Z,0.8m,0.3s,baz=123,slow=14,SNR=16		Sn	Sn	02 30 37.9	-13
AKTO	comp=Z,1.4m,0.3s,baz=338,slow=8.8,SNR=4.3		LR	LR	02 34 08.9	
AKTO	comp=Z,322m,19.1s,baz=137,slow=38		LR	LR		
AKTO	comp=Z,12m,0.8s	15.52 320	flPn	Pn	02 27 59.8	+1.4
JIRN	comp=Z,40m,0.8s	15.77 134	eP	Pn	02 27 58.5	-3.6
BHPL	comp=Z,32m,0.5s	16.44 167	eP	Pn	02 28 08.0	-2.5
ZAAO	comp=Z,1.2m,0.8s	16.48 24	Pn	Pn	02 28 10.4	-0.4
ZAAO	comp=Z,6.7m,1.1s	16.48 24	flPn	Pn	02 28 11.9	+1.1
ZALV	comp=Z,16m,0.8s	16.48 24	Pn	Pn	02 28 10.4	-0.3
ZALV	comp=Z,1.2m,0.3s,baz=211,slow=11,SNR=22		Lg	Lg	02 33 02.2	
ZALV	comp=Z,214,slow=29		LR	LR	02 35 05.5	
ZALV	comp=Z,127m,18.1s,baz=173,slow=39		LR	LR		
ZALV	comp=Z,19m,0.8s	16.48 24	Pn	Pn	02 28 10.8	0.0
ZALV	comp=Z,1.2m,0.8s	16.48 24	iP	Pn	02 28 11.0	+0.2
ODAN	comp=Z,30m,1.0s	17.06 133	eP	Pn	02 28 14.3	-4.2
GOMU	comp=Z,3.0m,0.5s	17.16 94	P	Pn	02 28 18.3	-1.6
GOMU	comp=Z,140m,5.6s		pP	pP	02 28 22.3	+0.7
GOMU	comp=Z,270m,15.3s		sP	sP	02 28 25.7	0.0
GOMU	comp=Z,260m,15.4s		S	Sn	02 31 28.7	-2.4
GOMU	comp=Z,140m,5.6s		pmx	pmx		
GOMU	comp=Z,270m,15.3s		LR	LR		
GOMU	comp=Z,260m,15.4s		LR	LR		
GOMU	comp=Z,250m,15.4s		LR	LR		
LSA	comp=Z,11m,0.9s	17.45 118	P	P	02 28 27.6	+2.7
LSA	comp=Z,270m,12.8s		pP	sP	02 28 30.7	+1.6
LSA	comp=Z,11m,0.9s		S	S	02 31 49.2	+2.3
LSA	comp=Z,270m,12.8s		LR	LR		
LSA	comp=Z,580m,11.4s		LR	LR		
LSA	comp=Z,430m,13.5s		LR	LR		
NGP	comp=Z,35m,1.3s	18.80 164	eP	P	02 28 37.8	-1.6
AKN	comp=Z,11m,0.8s	18.87 170	eP	Pn	02 28 42.3	+1.7
SVE	comp=Z,11m,0.8s	19.38 338	eP	Pn	02 28 45.6	+0.1
ARU	comp=Z,35m,1.3s	19.69 335	P	P	02 28 48.3	-0.6
ARU	comp=Z,112m,21.2s,baz=138,slow=40		LR	LR	02 37 28.4	
ARU	comp=Z,13m,0.8s	19.69 335	P	P	02 28 47.2	-1.7
ARU	comp=Z,20m,0.8s		IAMB	IAMB	02 28 57.9	
ARU	comp=Z,20m,0.8s	19.69 335	dIP	P	02 28 48.5	-0.4
ARU	comp=Z,14m,0.8s		S	S	02 32 29.5	-1.6
ARU	comp=Z,235m,11.0s		MLR	MLR		
MAK	comp=Z,69m,1.0s	19.85 289	eP	P	02 28 45.8	-4.9
MAK	comp=Z,220m,13.0s		eS	S	02 32 26.0	-8.4
MAK	comp=Z,220m,13.0s		pmx	pmx		
MAK	comp=Z,69m,1.0s		MLR	MLR		
KNGR	comp=Z,2.2m,13.9s	20.27 49	iP	Pn	02 28 56.4	+1.0
GTA	comp=Z,27m,0.8s	20.33 82	flP	Pn	02 29 57.6	+0.6
GTA	comp=Z,170m,6.0s		pP	sP	02 29 02.0	+1.7
GTA	comp=Z,1.7m,18.7s		sP	sP	02 29 05.3	+6.3
GTA	comp=Z,1.7m,18.7s		pmx	pmx		
GTA	comp=Z,1.7m,18.7s		LR	LR		
GTA	comp=Z,1.7m,18.7s		LR	LR		
GTA	comp=Z,1.7m,18.7s		LR	LR		
WSAR	comp=Z,2.1m,13.9s	20.45 222	P	P	02 28 57.7	+0.3
WSAR	comp=Z,11m,0.8s,baz=122,slow=8.7,SNR=4.1		LR	LR	02 39 05.3	
UOSS	comp=Z,11m,0.8s	20.47 230	P	Pn	02 28 59.0	-0.8
UOSS	comp=Z,26m,1.1s		IAMB	IAMB	02 29 27.4	
SHL	comp=Z,2.1m,13.9s	20.71 126	P	Pn	02 29 03.2	+0.6
SHL	comp=Z,13m,0.8s	20.71 126	P	Pn	02 29 03.2	+0.5
SHL	comp=Z,13m,0.8s		pmx	pmx		
SHL	comp=Z,13m,0.8s	20.71 126	ex	x	02 28 59.2	
SHL	comp=Z,11m,0.3s		IAMB	IAMB	02 29 04.1	
BTLR	comp=Z,196m,18.4s,baz=103,slow=36	20.79 288	iP	P	02 29 01.6	+0.6
POO	comp=Z,27m,0.8s	20.79 179	ex	x	02 28 59.8	
GROC	comp=Z,27m,0.9s	21.10 289	ex	x	02 29 04.7	+0.4
GROC	comp=Z,27m,0.9s		eS	S	02 29 23.2	
GROC	comp=Z,27m,0.9s		pmx	pmx	02 33 00.7	+1.2
BELG	comp=Z,83m,0.9s	22.06 315	P	P	02 29 14.0	-0.5
BELG	comp=Z,126m,0.9s,baz=101,slow=1.0,SNR=20		S	S	02 33 15.0	-2.9
BELG	comp=Z,6.7m,0.8s,baz=252,slow=20,SNR=1.3		LR	LR	02 37 41.1	
BELG	comp=Z,196m,18.4s,baz=103,slow=36		LR	LR		
BELG	comp=Z,126m,0.9s	22.06 315	iP	P	02 29 15.7	+1.3
BELG	comp=Z,22m,0.9s		pmx	pmx		
GNI	comp=Z,22m,0.9s	22.07 281	P	P	02 29 15.7	+0.8
GNI	comp=Z,27m,0.9s,baz=153,slow=7.0,SNR=14		LR	LR	02 39 12.2	
GNI	comp=Z,94m,19.0s,baz=98,slow=40		LR	LR		
GNI	comp=Z,27m,0.9s	22.07 281	P	P	02 29 16.3	+1.4
GNI	comp=Z,27m,0.9s	22.07 281	ceP	P	02 29 16.2	+1.4
GNI	comp=Z,25m,0.9s		pmx	pmx		
HYBB	comp=Z,17m,0.9s	22.33 167	eP	P	02 29 18.8	+1.1
ZEI	comp=Z,17m,0.9s	22.50 288	eP	P	02 29 23.7	+4.2
NCK	comp=Z,31m,0.6s	22.71 290	iP	P	02 29 22.6	+1.0
ONI	comp=Z,60m,0.7s	22.83 288	P	P	02 29 24.1	+1.2
ONI	comp=Z,60m,0.7s	22.83 288	P	P	02 29 24.1	+1.2
GOF	comp=Z,43m,0.7s	23.16 294	eP	P	02 29 25.8	-0.4
KBZ	comp=Z,7.5m,0.9s,baz=142,slow=7.0,SNR=6.6	23.22 291	P	P	02 29 27.6	+0.8
KBZ	comp=Z,178m,18.5s,baz=94,slow=42		LR	LR	02 40 26.7	
KBZ	comp=Z,7.5m,0.9s	23.22 291	ceP	P	02 29 25.5	-1.3
KBZ	comp=Z,6.0m,0.9s		pmx	pmx		
KVAR	comp=Z,11m,0.8s,baz=263,slow=23,SNR=4.7	23.37 291	P	P	02 29 28.8	+0.3
KVAR	comp=Z,4.5m,0.8s,baz=290,slow=12,SNR=2.0		S	S	02 33 43.9	+2.0
KVAR	comp=Z,236m,19.5s,baz=184,slow=38		LR	LR	02 39 16.7	

KIV	comp=Z,11m,0.8s	23.37 291	P	P	02 29 27.6	-0.9
KIV	comp=Z,11m,0.8s	23.37 291	deP	P	02 29 28.5	0.0
KIV	comp=Z,17m,0.8s		pmx	pmx	02 29 57.1	
KIV	comp=Z,17m,0.8s		MLR	MLR		
ZAK	comp=Z,171m,17.0s	23.65 52	eP	P	02 29 30.9	-0.3
ZAK	comp=Z,8.0m,1.2s	24.40 278	P	P	02 29 40.7	+2.3
GURO	comp=Z,3.9m,0.4s,baz=69,slow=16,SNR=6.1	24.63 329	P	P	02 29 39.9	-0.2
KIRV	comp=Z,342m,18.1s,baz=131,slow=38		LR	LR	02 39 47.1	
KIRV	comp=Z,3.9m,0.4s	24.63 329	ceP	P	02 29 40.1	0.0
KIRV	comp=Z,26m,1.4s	24.80 49	eP	P	02 29 44.7	+2.9
VRH	comp=Z,26m,1.4s	25.07 309	eP	P	02 29 48.1	+4.0
VRH	comp=Z,10.0m,0.6s		pmx	pmx		
VRH	comp=Z,10.0m,0.6s		MLR	MLR		
SOMN	comp=Z,480m,16.0s	25.13 60	P	P	02 29 45.1	+0.2
SOMN	comp=Z,6.1m,0.8s,baz=267,slow=9.0,SNR=26	25.53 290	eP	P	02 29 44.3	-0.7
SOMN	comp=Z,122m,17.0s	25.53 290	eP	P	02 29 46.5	-1.9
SOMN	comp=Z,122m,17.0s		eS	S	02 30 31.3	
SOMN	comp=Z,122m,17.0s		eSS	S	02 34 12.8	-3.5
SOMN	comp=Z,122m,17.0s		MLR	MLR	02 35 24.7	
ULN	comp=Z,22m,1.8s	25.57 60	ceP	P	02 29 48.3	-0.7
ULN	comp=Z,22m,1.8s		pmx	pmx		
MARD	comp=Z,9.3m,0.7s	25.65 276	P	P	02 29 48.5	-1.2
MARD	comp=Z,9.3m,0.7s		IAMB	IAMB	02 29 53.8	
VSR	comp=Z,10.0m,0.6s	26.63 308	eP	P	02 29 58.2	-0.1
VSR	comp=Z,470m,16.0s	26.71 309	eP	P	02 29 59.3	+0.3
VORR	comp=Z,10.0m,0.4s	26.85 110	P	P	02 30 07.9	+7.2
PZH	comp=Z,10.0m,0.7s	27.11 311	eP	P	02 30 05.5	+2.9
LPSR	comp=Z,20m,0.7s		MLR	MLR		
LPSR	comp=Z,230m,13.0s	27.14 293	eP	P	02 30 03.5	+0.6
ANN	comp=Z,61m,1.2s	28.05 332	eP	P	02 30 13.9	+3.0
ANN	comp=Z,61m,1.2s	28.48 245	P	P	02 30 15.1	-0.1
ANN	comp=Z,61m,1.2s	28.48 245	P	P	02 30 15.1	-0.1
PRGR	comp=Z,6.0m,0.9s	28.78 317	eP	P	02 30 22.5	+5.0
MOS	comp=Z,10.0m,0.4s	28.78 317	eP	P	02 31 16.1	
MOS	comp=Z,10.0m,0.4s		eS	S	02 35 12.4	+5.1
HHC	comp=Z,19m,0.7s	29.01 75	eP	P	02 30 20.8	+0.9
HHC	comp=Z,290m,6.5s		LR	LR		
HHC	comp=Z,730m,14.6s		LR	LR		
HHC	comp=Z,740m,13.3s		LR	LR		
HHC	comp=Z,740m,13.3s		LR	LR		
SIM	comp=Z,270m,12.4s	29.49 294	eP	P	02 30 28.9	+5.0
SIM	comp=Z,15m,0.8s	30.03 327	eP	P	02 30 27.6	-0.9
KLMR	comp=Z,12m,1.4s	30.03 327	eP	P	02 30 27.7	-0.8
KLMR	comp=Z,12m,1.4s		AMP	AMP	02 30 44.8	
KLMR	comp=Z,12m,1.4s		LQ	LQ	02 39 42.7	
KLMR	comp=Z,12m,1.4s		LQ	LQ	02 39 42.7	
ILGA	comp=Z,12m,1.4s	30.23 286	P	P	02 30 31.4	+0.6
CMAR	comp=Z,0.7m,0.4s,baz=314,slow=13,SNR=1.3	30.34 126	P	P	02 30 32.9	+1.2
BR131	comp=Z,0.7m,0.4s	30.55 284	P	P	02 30 33.5	+0.1
BR131	comp=Z,12m,0.7s		IAMB	IAMB	02 30 35.2	
BR131	comp=Z,12m,0.7s	30.55 284	flP	P	02 30 34.2	+0.8
BRTR	comp=Z,5.7m,0.7s,baz=85,slow=6.9,SNR=35	30.55 284	P	P	02 30 34.3	+0.7
BRTR	comp=Z,5.7m,0.7s	30.55 284	P	P	02 30 33.8	+0.3
ANTO	comp=Z,11m,0.9s	31.15 284	P	P	02 30 39.2	+0.4
ANTO	comp=Z,11m,0.9s		IAMB	IAMB	02 40 47.6	
ANTO	comp=Z,11m,0.9s	31.15 284	P	P	02 30 39.2	+0.4
BR231	comp=Z,13m,1.1s	31.17 284	P	P	02 30 39.5	+0.5
BR231	comp=Z,13m,1.1s		IAMB			

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PZH, CMAR, PETK, WMO, MKAR, ZALV, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like M30M, ARCES, WHY, ULN, GNI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JKC, JMNT, JOKE, JYNO, etc.

PRU 04 02:41:26.6,0.0,49'59N x 18'55E, h0km, Czech and Slovak Republic

Table listing stations in the PRU region, including Minto, Haines Junctio, Whitehorse, etc.

PRU 04 02:51:00.1 to 0.9, 29°15'N-129°35'E, h0km, mb3.7/7, mtbpm3.7/10, ML3.4/3, MS3.6/25, Error ellipse: s-maj=31.3km s-min=18.9km az=94.0

Table listing stations in the PRU region, including Ostrava-Krasne, Moravsky Berou, etc.

KRNET 04 02:51:47.1 to 0.1, 39°53'N-73°68E, mb3.2

Table listing stations in the KRNET region, including Osh, Raoul Island, etc.

ISC 04 02:46:2.2, 3, 39°52'N-079°73.74E, 0.07, h10km, n10, r192/18, 8C-4D, Tajikistan-Xinjiang border region

Table listing stations in the ISC region, including Osh, Raoul Island, Davos/Dischmat, etc.

ISC 04 02:55:06.4 to 1.9, 42°32'N-104°129.37E, 0.05, h8km, 8km, n46, r193/29, mb3.8/7, MS3.7/22, Ryukyu Islands

Table listing stations in the ISC region, including Kishirohahaman, Nemuro, etc.

4d 4h

Table with columns: SHO, SHO, SHO, JCH, JCH, JTRK. Rows include station names like Abashiri-Toko and various codes.

IDC 04 02:58:02.8.1.1, 29.03N, 129.48E, h0km, mb3.7/5, mbmp3.6/8, ML3.2/3, Error ellipse: s-maj=34.0km s-min=17.8km az=101.0

JMA 04 02:58:02.3.0.2, 29.2N, 0.7:12.9E, h12km, MV3.1/15, NEAR TOKARA ISLANDS

JMA Feit III J1 at NEAR TOKARA ISLANDS. ISC 04 02:58:03.1.1.0, 29.13N, 0.0:03.129.28E, h0km, 8km, n20, e157/22, mb3.5/5, Ryukyus Islands

Main station list table for the 4d 4h section, including stations like Takarajima, Amami Oshima, Nakanoshima, etc.

KRNET 04 03:21:57.6.0.1, 39.50N, 73.84E, mb3.6 SOME 04 03:21:57.9.39.45N, 73.80E, h0km

NSC 04 03:21:59.5.39.52N, 73.58E, h5km JAMN 04 03:22:02.0.1.8, 39.59N, 73.57E, h0km, mb4.0, mpv3.6

ISC 04 03:22:03.8.1.7, 39.68N, 0.06:73.52E, h0km, 11km, n49, e179/80, 9C-9D, Tajikistan-Xinjiang border region

Main station list table for the 4d 4h section, continuing from the previous table with stations like Osh, Andizhan, Fergana, etc.

2016 JUL

Main station list table for the 2016 JUL section, including stations like IZV, MTBS, KK31, etc.

IDC 04 03:30:04.9.3.4, 4.05N, 95.44E, h0km, mb3.4/3, mbmp3.6/4, ML4.7/1, MS3.4/2, Error ellipse: s-maj=126.4km s-min=28.6km az=62.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR, H08S2, H08S3, H08S1, MKAR, WRA, ASAR, PMG.

IDC 04 03:30:55.5.1.7, 26.67N, 97.49E, h0km, mb3.5/3, mbmp3.5/4, ML3.9/1, Error ellipse: s-maj=114.1km s-min=27.9km az=64.0

NDI 04 03:31:03.1.1.3, 25.98N, 95.60E, h116km, 13km, ML3.8 ISC 04 03:31:03.7.1.1, 25.91N, 0.08:95.60E, 0.07, h95km, n10, e194/14, mb3.8/3, Myanmar-India border region

Main station list table for the 2016 JUL section, continuing from the previous table with stations like MOKO, LKP, ZIRO, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA, ASAR, TORD.

IDC 04 04:06:51.4.4.8, 12.31S, 115.98E, h0km, mb3.4/2, mbmp3.3/3, ML3.2/1, MS3.3/2, Error ellipse: s-maj=271.9km s-min=29.9km az=44.0, Northwest of Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BATI, WRA, ASAR, DAV, MKAR.

TUL 04 04:29:42.3.0.5, 35.66N, 0.01:97.16W, 0.01, h5km, 2km, ML2.9, mb, Lg2.4/46(NEIC), Error ellipse: s-maj=2.0km s-min=1.2km az=139.0

NEIC 04 04:29:43.0.0.6, 35.66N, 0.01:97.15W, 0.01, h3km, 3km, Error ellipse: s-maj=1.9km s-min=1.1km az=146.0, Oklatama

Main station list table for the 172 section, including stations like OK005, OK025, OK029, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Q24A Divide, PHWY Pilot Hill.

NOU 04:04:38:55.2, 14:69S:167:50E, h136km, mb4.8/4.5, Vanuatu Islands
IDC 04:04:38:55.6, 19.1, 47:87S:167:38E, h130km, 15km, s-maj=14.8km s-min=13.5km az=75.0
NEIC 04:04:38:56.2, 2.9, 14:30S:0:10x:167:6E:0:1, h143km, 7km, mb4.6/66, Error ellipse: s-maj=19.5km s-min=14.4km az=81.0

ISC 04:04:38:55.3, 0.5, 14:84S:0:06:167:42E:0:07, h129km, n122, o1818/124, mb4.6/34, 1C, Vanuatu Islands

Main table section 1: Stations including RTV Rentapao, LIFNC LIFUO, KOUNC Koumac, etc.

Main table section 2: Stations including URZ Urewera, URZ Urewera, URZ Urewera, etc.

Main table section 3: Stations including MJB9 Matsu-Tunnel, Vnda Vanda, Vnda Vanda, etc.

Main table section 4: Stations including NEIC 04:04:42:45.9, JMA 04:04:42:47.0, etc.

Table section 5: Stations including KURK, ILAR Eielson Array, ILAR Eielson Array, etc.

Table section 6: Stations including MOS 04:04:43:34.3, JMA 04:04:43:34.7, etc.

Main table section 7: Stations including SHO Shikotan, SHO Shikotan, SHO Shikotan, etc.

PET	comp=N,60nm,1.0s	AMB	AMB	04 45 27.4
KJK2	Kamakawa 2	7.58 253 eP	Pn	04 45 26.0 +3.3
UGL	Uglegorsk	7.69 294 ePN	Pn	04 45 28.6 +4.5
UGL				04 47 00.3
UGL	comp=Z,100nm,0.8s			
UGL	Uglegorsk	7.69 294 eP	Pn	04 45 24.8 +0.7
UGL				04 45 30.5
JCH	Churui	7.79 244 eP	Pn	04 45 26.1 +0.6
JCH				04 46 48.9 -3.4
TYV	Tymovskoe	8.02 307 ePN	Pn	04 45 32.9 +4.3
TYV				
TYV	comp=Z,15nm,0.5s			
TYV	Tymovskoe	8.02 307 eP	Pn	04 45 29.9 +1.3
TYV				04 45 33.5
TYV	comp=Z,20nm,0.5s			
TYV				04 45 35.0
TYV	comp=Z,100nm,3.1s			
TYV				04 46 55.5 -2.4
TYV				04 47 00.4
TYV	comp=Z,20nm,0.5s			
TYV				04 47 00.4
TYV	comp=Z,20nm,0.5s			
TYV				04 47 03.6
TYV	comp=Z,200nm,4.7s			
TYV				04 47 03.6
JAB	Ashibetsu	8.08 252 eP	Pn	04 45 32.9 +3.4
ERM	Erimo	8.25 241 Pn	Pn	04 45 33.8 +1.9
ERM				04 45 34.0 +2.1
JRB	Rebunto	8.25 267 eP	Pn	04 45 36.2 +4.3
JNBK	Urakawa-nobuka	8.35 243 eP	Pn	04 45 34.5 +1.3
JNBK				04 47 03.4 -2.7
OKH	Okha	9.50 322 eP	Pn	04 45 49.4 +0.6
JANG	Nango	10.24 237 eP	Pn	04 45 57.8 -1.4
JANG				04 47 43.3 -9.3
JTM	Tenabayashi	10.25 240 Pn	Pn	04 45 58.5 -0.7
NKL	Nikolayevsk	10.28 315 ePN	Pn	04 46 01.4 +1.9
NKL				
NKL	comp=E,3.0nm,0.8s			
NKL				
NKL	comp=N,551nm,1.1s			
NKL				
NKL	comp=Z,17nm,1.3s			
NKL				
NKL	comp=N,5um,10.0s			
NKL				
NKL	comp=E,16nm,10.0s			
NKL				
NKL	comp=Z,134nm,11.0s			
NKL	Nikolayevsk	10.28 315 eP	Pn	04 45 59.0 -0.5
NKL				04 46 01.4
JMM	Marumori	12.39 230 Pn	Pn	04 46 26.8 -1.8
MA2	Magadan	13.16 355 Pn	Pn	04 46 39.3 +0.5
MA2				
MA2	comp=Z,13nm,0.5s,baz=162,slow=11,SNR=5.0			
MA2				04 51 21.5
MA2	comp=Z,145nm,21.4s,baz=231,slow=36			
MA2	Magadan	13.16 355 Pn	Pn	04 46 39.1 +0.3
MA2	Sado	13.69 237 Pn	Pn	04 46 47.2 +1.0
KLR	Kul'dur	14.40 289 P	P	04 46 55.8 0.0
KLR				
KLR	comp=Z,0.1nm,0.3s,baz=105,slow=13,SNR=3.6			
KLR				04 52 38.6
KLR	comp=Z,190nm,18.5s,baz=97,slow=98			
KLR				
KLR	comp=Z,1.3nm,0.6s			
KLR	Kul'dur	14.40 289 eP	P	04 46 59.5 -2.5
KLR				
KLR	comp=Z,9.0nm,2.2s			
KLR	Kul'dur	14.47 289 eP	Pn	04 46 54.0 -1.8
MJAR	Matsushiro Arr	14.77 233 Pn	Pn	04 46 58.6 -2.2
MJAR				
MJAR	comp=Z,6.7nm,0.8s,baz=26,slow=13,SNR=7.4			
MJAR	Matsushiro Arr	14.77 233 Pn	Pn	04 46 59.9 -0.9
MJAR				04 46 59.9 -0.9
MJAR	Matsushiro Arr	14.77 233 Pn	Pn	04 46 59.5 -1.3
MAJO	Matsushiro	14.77 233 Pn	Pn	04 46 59.5 -1.3
MAJO				04 46 59.5 -1.3
USRK	Ussuriysk Arr	14.82 269 P	Pn	04 47 02.4 +0.9
USRK				
USRK	comp=Z,1.6nm,0.3s,baz=69,slow=12,SNR=14			
USRK	Ussuriysk Arr	14.82 269 Pn	Pn	04 47 03.6 +2.1
USRK				04 47 03.6 +2.1
SHEM	Shemysa Is, Ala	15.11 58 P	Pn	04 47 04.8 -0.4
SHEM				
SHEM	comp=Z,49nm,0.5s,baz=246,slow=1.8,SNR=52			
SHEM				04 49 43.6 -7.6
SHEM	comp=Z,4.7nm,0.5s,baz=53,slow=21,SNR=2.4			
SHEM				04 52 01.7
SHEM	comp=Z,114nm,22.0s,baz=276,slow=33			
SHEM	Shemysa	15.11 58 Pn	Pn	04 47 04.5 -0.7
SHEM	Shemysa	15.11 58 Pn	Pn	04 47 04.5 -0.7
SHEM				
JGF	Kuroka	15.92 232 Pn	Pn	04 47 16.3 +0.4
INU	Inuyama	16.30 232 P	P	04 47 22.8 -0.3
MDJ	Mudanjiang	16.37 272 P	P	04 47 24.3 +0.5
MDJ				
MDJ	comp=Z,9.0nm,0.8s			
MDJ				
SEY	Seymchan	16.47 359 P	P	04 47 23.9 -0.9
SEY				
SEY	comp=Z,0.6nm,0.3s,baz=173,slow=13,SNR=7.8			
SEY				04 53 06.4
AMKA	Amchitka	18.02 65 P	P	04 47 43.0 +1.0
YAK	Yakutsk	20.43 328 LR	P	04 45 41.4
YAK				
YAK	comp=Z,57nm,18.7s,baz=211,slow=36			
YAK	Yakutsk	20.43 328 eP	Pn	04 48 12.0 +1.5
YAK				
YAK	comp=Z,18nm,0.8s			
YAK				
YAK	comp=E,4.0nm,1.0s			
YAK	Yakutsk	20.43 328 eP	Pn	04 48 12.0 +1.5
KSR5	Korea Array	20.53 253 Pn	Pn	04 48 11.3 -0.6
KSR5				
KSR5	comp=E,7.0nm,0.7s,baz=56,slow=11,SNR=25			
KSR5				04 57 07.6
KSR5	comp=E,92nm,18.2s,baz=50,slow=40			
KSR5	Wonju Array Si	20.54 253 Pn	Pn	04 48 12.9 +0.9
KS19	Wonju Array Be	20.56 253 P	P	04 48 08.8 -1.1
KSAR	Wonju Array Be	20.56 253 P	P	04 48 08.8 -1.1
KSAR				04 48 15.6 +1.5
GSTR	Great Silklin T	20.95 63 P	P	04 53 34.6
JCY	Chichijima	21.12 207 LR	LR	04 53 34.6
JCY				
JCY	comp=E,24nm,18.1s,baz=110,slow=45			
TIXI	Tiksi	27.65 344 LR	LR	05 00 56.6
H11N2	WAKE ISLAND Hy 29.09 152 T	T	T	05 01 02.1
H11N2				
H11N2	comp=Z,1.1nm,0.5s			
H11N2	WAKE ISLAND Hy 29.11 152 T	T	T	05 01 04.8
H11N2				
H11N2	comp=Z,340,slow=75,SNR=69			
H11N2	WAKE ISLAND Hy 29.11 152 T	T	T	05 01 04.9
H11N2				
H11N2	comp=Z,340,slow=75,SNR=69			
H11N2	WAKE ISLAND Hy 30.17 153 T	T	T	05 02 24.5
H11N2				
H11N2	comp=Z,340,slow=76,SNR=795			
H11S3	WAKE ISLAND Hy 30.18 153 T	T	T	05 02 30.7
H11S3				
H11S3	comp=Z,340,slow=76,SNR=795			
H11S2	WAKE ISLAND Hy 30.19 153 T	T	T	05 02 25.9
H11S2				
H11S2	comp=Z,340,slow=76,SNR=668			
ULN	Ulaanbaatar	30.79 290 iP	P	04 49 49.7 +3.2
ULN				
ULN	comp=Z,4.0nm,0.9s			
ULN				
N16K	Nishlik Lake	31.21 46 P	P	04 49 51.5 +1.6
N16K				
N16K	comp=Z,2.0nm,0.9s			
N16K				
SONM	Songino Array	31.23 290 P	P	04 49 49.2 -1.1
SONM				
SONM	comp=Z,0.4nm,0.4s,baz=58,slow=5.4,SNR=2.9			
SONM				05 02 53.5
SONM	comp=Z,1.35nm,18.2s,baz=63,slow=37			
SONM	Songino Array	31.23 290 P	P	04 49 48.7 -1.6
SONM	Koliganek Bris	32.01 47 P	P	04 49 58.3 +1.3
SONM				
SONM	comp=Z,0.4nm,0.4s			
SONM				
Q17K	Contact Creek	32.64 50 P	P	04 50 03.3 +0.7
Q17K				
N18K	Kilae Creek	32.65 45 P	P	04 50 02.4 -0.2
N18K				04 50 17.4
N18K	comp=Z,9.1nm,1.3s			
N18K	Kilae Creek	32.65 45 P	P	04 50 04.5 +1.9
N18K				
N18K	comp=Z,2.0nm,0.9s			
N18K				
TTA	Tatalina	32.74 41 P	P	04 50 03.6 +0.2
TTA				
TTA	Tatalina	32.74 41 P	P	04 50 03.6 +0.2
TTA				
TTA	comp=Z,3.0nm,0.8s			
TTA	Tatalina	32.74 41 P	P	04 50 04.1 +0.6

SVW2	Sparrevohr	32.81 45 P	P	04 50 05.5 +1.5
SVW2				04 50 09.9
P18K	comp=Z,13nm,1.4s			
P18K	Big Mountain,	32.96 48 P	P	04 50 05.5 +0.2
P18K				04 50 08.9
P18K	comp=Z,7.7nm,0.9s			
P18K	Big Mountain,	32.96 48 P	P	04 50 06.5 +1.3
P18K				
Q18K	Katmai Hardscr	33.09 49 P	P	04 50 07.3 +0.7
GUMO	Guam	33.48 194 LR	LR	05 01 40.7
K20K	Telida	33.66 41 P	P	04 50 13.7 +2.3
K20K				04 47 43.3 -9.3
J20K	Nowinta River	33.70 39 P	P	04 50 13.1 +1.4
M20K	Styx River	34.02 43 P	P	04 50 16.9 +2.3
IMAR	Indian Mountai	34.09 36 P	P	04 50 15.1 +0.1
OHAK	Old Harbor	34.09 52 P	P	04 50 14.8 -0.2
OHAK				04 50 15.5 +0.4
G21K	Allakaket	34.27 35 P	P	04 50 17.9 +1.3
KDAK	Kodiak Island	34.42 51 P	P	04 50 18.1 +0.2
KDAK				
KDAK	comp=Z,14nm,0.7s,baz=300,slow=5.7,SNR=18			
KDAK				05 03 43.8
KDAK	comp=Z,64nm,21.1s,baz=266,slow=35			
KDAK	Kodiak Island	34.42 51 P	P	04 50 17.7 -0.2
KDAK	Kodiak Island	34.42 51 P	P	04 50 17.6 -0.3
KDAK				
KDAK	comp=Z,25nm,0.9s			
KDAK	Kodiak Island	34.42 51 P	P	04 50 18.3 +0.3
H21K	Melozitna Rive	34.43 37 P	P	04 50 18.8 +0.7
H21K				04 50 32.7
H21K	comp=Z,16nm,1.4s			
H21K	Melozitna Rive	34.43 37 P	P	04 50 19.4 +1.4
CNPM	China Post	34.99 47 P	P	04 50 22.7 -0.2
H22K	Ishtalina Cre	35.05 36 P	P	04 50 24.7 +1.4
BPAW	Bear Paw Mtn.	35.08 39 P	P	04 50 25.1 +1.5
BPAW				04 50 45.7
BPAW	comp=Z,11nm,1.4s			
BPAW	Bear Paw Mtn.	35.08 39 P	P	04 50 24.6 +1.0
BPAW				
KTH	Kantishna Hill	35.08 40 P	P	04 50 24.8 +1.1
KTH				04 50 26.8
E22K	Anaktuvuk Pass	35.17 32 P	P	04 50 25.4 +1.1
MLY	Manley	35.24 38 P	P	04 50 25.4 +0.4
MLY	Manley	35.24 38 P	P	04 50 25.6 +0.6
COLD	Coldfoot	35.66 34 P	P	04 50 28.6 +0.1
COLD				04 50 43.5
COLD	comp=Z,7.2nm,0.8s			
COLD	Coldfoot	35.66 34 P	P	04 50 29.3 +0.8
G23K	Banana Creek	35.67 35 P		

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SUMG Summit, BOZ Bozenam (W), BOZ Bozenam (W), etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDC 04 04:48:22.9, 2.2, 22.34S, 171.20E, h89km, 20km, mb.3,9/10, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, KRVT Keravat (AS076), etc.

NEIC 04 04:48:17.9, 2.0, 22.13S: 0.08: 171.53E: 0.05, h55km, 7km, mb4.6/20, Error ellipse: s-maj=12.7km s-min=3.4km az=151.0

IDC 04 05:29:35.5, 1.6, 6.20S: 148.59E, h0km, mb3.6/1, mbtpm4.1/4, ML4.3/2, MS3.4/3, Error ellipse: s-maj=59.5km s-min=24.1km az=128.0, New Britain

IDC 04 06:35:40.0, 2.9, 7.82S: 110.78E, h0km, mb4.0/4, mbmp4.0/4, Error ellipse: s-maj=184.9km s-min=22.5km az=51.0

CD2	comp=Z,3.0nm,1.1s	P	P	07 18 26.8	-1.1	
CD2	Chengdu	33.39 268	P	P		
GTA	comp=Z,10.0nm,0.8s	eP	pP	07 18 29.5	+0.4	
GTA	Goatai	33.52 284	eP	pP	07 18 36.4	-1.7
GTA			sP	07 18 39.1	+2.8	
GTA	comp=Z,13nm,1.0s		pmax			
GTA	comp=Z,31nm,6.0s		pmax			
GTA	comp=Z,89nm,13.9s		LR	LR		
GTA	comp=Z,310nm,15.1s		LR	LR		
GNGR	comp=Z,300nm,15.9s	eP	pP	07 18 33.2	+1.2	
GNGR	Kungurtuv	33.87 305	eP	pP		
KMI	comp=Z,5.0nm,0.5s	iP	P	07 19 04.8	+5.5	
KMI	Kuning	37.00 260	iP	P		
PZH	comp=Z,9.0nm,0.9s	P	pmax	07 18 59.1	-0.4	
PZH	Panzhihua	37.04 262	P	pmax		
PZH	comp=Z,10.0nm,0.9s		pmax			
GOMU	comp=Z,100nm,6.1s		P	07 19 09.7	-0.2	
GOMU	Geerliu	38.25 281	P	sP	07 19 13.6	-3.6
GOMU			pP	07 19 17.3	-1.7	
GOMU			pP			
GOMU	comp=Z,14nm,0.9s		pmax			
WMQ	comp=Z,120nm,5.5s	eP	pmax	07 19 37.1	+2.3	
WMQ	Urumqi	41.29 295	eP	pmax		
ZAAO	comp=Z,25nm,0.7s	P	I Amb	07 19 36.4	-0.5	
ZAAO	Zalesovo Arr	41.58 310	P	I Amb	07 19 44.5	
ZALV	comp=Z,5.3nm,0.7s	P	P	07 19 37.1	+0.2	
ZALV	Zalesovo Beam	41.58 310	P	P		
ZALV	comp=Z,4.7nm,0.5s,baz=90,slow=8.5,SNR=14		PcP	07 21 34.0	+0.2	
ZALV	comp=Z,1.6nm,0.7s,baz=82,slow=3.1,SNR=2.6		LR	07 36 50.3		
ZALV	comp=Z,5.4nm,1.9s,baz=76,slow=36					
ZALV	Zalesovo Beam	41.58 310	P	P	07 19 36.8	-0.1
IMAR	Indian Mountai	43.73 32	P	P	07 19 55.3	+1.1
CMAR	Chiang Mai Arr	43.73 255	P	P	07 19 53.9	-0.9
CMAR	comp=Z,0.9nm,0.3s,baz=47,slow=6.5,SNR=4.7		LR	07 40 01.9		
CMAR	Chiang Mai Arr	43.73 255	iP	pmax	07 19 54.2	-0.6
CMAR	comp=Z,1.0nm,0.3s		P			
MK31	Makanchi Array	44.30 300	P	I Amb	07 19 59.1	+0.1
MK31	comp=Z,6.3nm,1.0s					
MK31	Makanchi Array	44.30 300	iP	P	07 19 58.8	-0.3
MKAR	Makanchi Array	44.30 300	P	LR	07 19 58.6	-0.4
MKAR	comp=Z,4.6nm,0.8s,baz=85,slow=8.8,SNR=34		LR	07 39 18.5		
MKAR	comp=Z,9.7nm,1.9s,baz=50,slow=37					
MKAR	Makanchi Array	44.30 300	iP	pmax	07 19 59.2	+0.1
MKAR	comp=Z,3.0nm,0.7s		P			
MAKZ	Makanchi	44.50 300	P	I Amb	07 20 00.7	0.0
MAKZ	comp=Z,7.7nm,1.1s		P			
MAKZ	Makanchi	44.50 300	P	pmax	07 20 00.7	0.0
MAKZ	comp=Z,8.0nm,1.1s					
MLY	Manley	44.92 33	P	P	07 20 05.8	+2.0
KURK	Kurchatov	45.80 307	P	P	07 20 10.7	-0.2
KURK	Kurchatov	45.80 307	iP	pmax	07 20 10.6	-0.3
KURK	comp=Z,14nm,0.8s		P			
IL31	Eielson Array	46.57 34	P	P	07 20 17.9	+1.2
ILAR	comp=Z,0.8nm,0.7s,baz=263,slow=6.8,SNR=14		P	07 20 18.0	+1.2	
ILAR	comp=Z,0.8nm,0.7s					
BOT	Burnt Mountain	47.42 30	P	P	07 20 24.0	+0.6
DMAR	Dot Lake	47.88 35	P	P	07 20 28.7	+1.6
SCRK	Sand Creek	47.88 35	P	I Amb	07 20 28.1	+1.0
SCRK	comp=Z,4.1nm,1.0s		I Amb	07 20 40.0		
TARG	Tagaray, Kyrgy	48.86 295	P	I Amb	07 20 35.6	+0.3
TARG	comp=Z,4.2nm,0.7s		P			
TARG	Tagaray, Kyrgy	48.86 295	P	pmax	07 20 35.7	+0.3
BCAR	Beaver Creek A	48.97 36	P	P	07 20 36.1	+0.7
KDJ	Kajisay	49.16 296	P	I Amb	07 20 38.1	+0.7
KDJ	comp=Z,3.5nm,1.1s		P			
KDJ	Kajisay	49.16 296	P	pmax	07 20 38.1	+0.7
I29M	Oglivie Camp,	50.13 32	P	I Amb	07 20 45.1	+0.9
I29M	comp=Z,4.2nm,0.8s		P			
BVAR	Borovoye Array	50.22 311	LR	LR	07 43 37.8	
BVAR	comp=Z,30nm,18.3s,baz=303,slow=38					
EPYK	Eagle Plains	50.61 31	P	I Amb	07 20 49.8	+1.9
EPYK	comp=Z,1.1nm,1.1s		P			
AAK	Ala-Archa	50.84 297	P	P	07 20 50.2	+0.1
AAK	comp=Z,1.9nm,0.3s,baz=79,slow=10,SNR=1.5					
AAK	Ala-Archa	50.84 297	iP	pmax	07 20 50.4	+0.3
AAK	comp=Z,1.3nm,0.3s					
HYT	Haines Junctio	51.38 38	P	I Amb	07 20 56.3	+2.5
HYT	comp=Z,8.8nm,1.0s		P			
INK	Inuvik	51.48 28	P	P	07 20 55.9	+1.6
INK	comp=Z,1.1nm,0.7s,baz=222,slow=3.9,SNR=4.4					
INK	comp=Z,1.1nm,0.7s					
SOEI	Sue	52.12 204	P	P	07 20 55.9	+1.6
KK31	Karatay Array	53.38 299	P	P	07 21 08.2	-0.7
KK31	Karatay Array	53.38 299	P	P	07 21 08.2	-0.7
KK31	comp=Z,3.0nm,0.8s		pmax			
KKAR	Karatay Array	53.38 299	P	P	07 21 08.3	-0.6
KKAR	Karatay Array	53.38 299	P	P	07 21 08.3	-0.6
KKAR	Arti	55.68 318	P	P	07 21 24.6	-0.6
ARU	comp=Z,7.7nm,0.2s,baz=69,slow=5.6,SNR=14		LR	07 47 48.0		
ARU	comp=Z,1.15nm,18.2s,baz=52,slow=39					
ARU	Arti	55.68 318	P	P	07 21 25.5	+0.3
ARU	Warramunga Arr	55.68 318	iP	S	07 29 12.4	+2.1
ARU	comp=Z,6.6nm,1.8s,baz=7.5,slow=3.9		SS	07 32 55.7	+0.7	
ARU	comp=Z,1.6nm,1.0s		MLR			
CHGR	Chuyangarong	56.16 295	P	P	07 21 28.5	-0.6
ABKAR	Abkulak array	57.68 310	P	I Amb	07 21 39.5	-0.1
ABKAR	comp=Z,4.1nm,0.9s		I Amb	07 21 40.4		
KBL	Kabul	58.12 290	P	I Amb	07 21 42.3	-0.9
KBL	comp=Z,5.2nm,0.8s		P			
KBL	Kabul	58.12 290	P	pmax	07 21 42.3	-0.9
AKTO	Aktyubinsk	58.32 311	P	P	07 21 43.6	-0.5
AKTO	comp=Z,2.5nm,0.8s,baz=67,slow=12,SNR=7.9					
SPITS	Spitsbergen Arr	58.49 349	LR	LR	07 49 53.3	
SPITS	comp=Z,6.6nm,1.8s,baz=7.5,slow=3.9					
WB2	Warramunga Arr	59.69 190	P	I Amb	07 21 53.4	-0.5
WB2	comp=Z,0.7nm,0.6s,baz=6.8,slow=7.1,SNR=7.2		I Amb	07 22 06.0		
WRA	comp=Z,7.1nm,1.4s		P	07 21 52.4	-1.5	
WRA	Warramunga Arr	59.70 190	I Amb	I Amb		
WRA	comp=Z,0.7nm,0.6s					
WRA	Warramunga Arr	59.70 190	I Amb	I Amb	07 22 01.5	

WRA	Warramunga Arr	59.70 190	iP	P	07 21 53.7	-0.1
WRA	comp=Z,1.0nm,0.8s		pmax			
RES	Resolute Bay	59.85 15	P	I Amb	07 21 54.9	+0.6
RES	comp=Z,3.6nm,0.8s		I Amb	07 22 06.9		
RES	Resolute Bay	59.85 15	P	P	07 21 54.9	+0.6
RES	comp=Z,4.0nm,0.8s		pmax			
YKA	Yellowknife Ar	60.89 31	P	P	07 22 02.2	+0.7
YKA	comp=Z,0.4nm,0.6s,baz=309,slow=6.7,SNR=4.3					
ARCES	ARCCESS Array B	62.33 339	P	P	07 22 11.2	0.0
ARCES	comp=Z,1.2nm,0.8s,baz=31,slow=11,SNR=1.4		LR	07 51 28.8		
KLMR	Klimovskoe	62.62 328	eP	pmax	07 22 12.5	-0.7
KLMR	comp=Z,7.0nm,1.4s		pmax			
KLMR	Klimovskoe	62.62 328	eP	AMP	07 22 12.5	-0.7
KLMR	comp=Z,7.0nm,1.4s					
ASAR	Alice Springs	63.42 190	P	P	07 22 18.6	-0.4
ASAR	comp=Z,0.3nm,0.7s,baz=8.8,slow=6.0,SNR=2.3					
ASAR	comp=Z,0.3nm,0.7s					
GEYT	Allbeck	64.13 299	P	P	07 22 23.3	-0.4
GEYT	comp=Z,1.3nm,0.4s,baz=77,slow=9.6,SNR=1.7					
GEYT	comp=Z,1.3nm,0.4s					
DZM	Mont Dzumac	64.83 156	LR	LR	07 47 19.8	
DZM	comp=Z,6.9nm,2.0s,baz=21,slow=3.3					
FINES	FINES Array B	67.46 333	P	P	07 22 44.9	+0.2
FINES	comp=Z,3.8nm,0.7s,baz=5.5,slow=5.9,SNR=5.8					
FINES	comp=Z,3.8nm,0.7s					
YBH	Yreka Blue Hor	67.56 54	P	P	07 22 46.9	+1.1
YBH	comp=Z,1.1nm,0.9s,baz=304,slow=10,SNR=1.4					
YBH	comp=Z,1.1nm,0.9s					
SUMG	Summit	68.27 1	P	I Amb	07 22 51.5	+1.4
SUMG	comp=Z,12nm,1.5s		I Amb	07 23 18.9		
SUMG	Summit	68.27 1	P	pmax	07 22 51.5	+1.4
SUMG	comp=Z,12nm,1.5s					
KIV	Kislovodsk	70.58 311	P	P	07 23 05.5	+1.0
KIV	Kislovodsk	70.58 311	iP	P	07 23 05.5	+1.0
KIV	comp=Z,10.0nm,0.8s		eS	07 32 05.7	-1.1	
KIV	comp=Z,10.0nm,0.8s		eSS	07 36 54.0	+6.1	
KIV	comp=Z,6.1nm,18.0s		MLR			
KBZ	Khabaz	70.59 311	P	P	07 23 04.5	+0.1
KBZ	comp=Z,5.1nm,0.8s,baz=72,slow=3.1,SNR=8.3					
KBZ	comp=Z,5.1nm,0.8s					
KBZ	Khabaz	70.59 311	iP	pmax	07 23 04.5	+0.1
LRM	Limekiln Ridge	71.27 46	P	P	07 23 09.9	+1.0
LRM	Minsk	71.43 326	iP	P	07 23 07.1	-2.3
MNK	Minsk	71.43 326	iP	PPP	07 27 28.1	
MNK	comp=Z,3.0nm,0.7s		iSS	07 32 24.4	-2.0	
MNK	comp=Z,2.0nm,1.0s		S	07 32 24.4	-2.0	
MNK	comp=Z,2.0nm,1.0s		SS	07 36 59.3	-0.8	
MNK	comp=Z,3.0nm,0.7s		pmax			
MNK	comp=Z,2.0nm,1.0s		pmax			
MNK	comp=N,27nm,0.7s		MLR			
MNK	comp=Z,1.12nm,15.0s		MLR			
MNK	comp=N,439nm,14.0s		MLR			
MNK	comp=E,25nm,13.0s		MLR			
MNK	Minsk	71.43 326	iP	P	07 23 07.1	-2.3
MNK	comp=E,2.0nm,1.0s		iP	07 23 07.1	-2.3	
MNK	comp=N,27nm,0.7s		iP	07 23 07.1	-2.3	
MNK	comp=Z,3.0nm,0.7s,baz=47		iPP	07 25 46.0	-1.3	
MNK	comp=Z,3.0nm,0.7s		PPP	07 32 24.4	-2.0	
MNK	comp=Z,3.0nm,0.7s		iSS	07 36 59.4	-0.8	
MNK	comp=Z,1.4nm,0.6s,baz=37,slow=6.2		iSSS	07 40 19.0		
MNK	comp=Z,1.4nm,0.6s		iLQ	07 49 36.7		
MNK	comp=Z,1.4nm,0.6s		iLR	07 53 29.8		
MNK	comp=Z,1.12nm,14.8s		iLRM	07 56 02.5		
MNK	comp=N,439nm,14.2s		iLRM	07 56 06.4		
MNK	comp=E,25nm,12.9s		iLRM	07 56 02.5		
NVAR	Mina Array Bea	72.22 55	P	P	07 23 16.3	+1.6
NVAR	comp=Z,0.3nm,0.7s,baz=289,slow=5.5,SNR=2.6					
NVAR	comp=Z,0.3nm,0.7s					
NC204	NORSAR Array S	72.54 338	P	P	07 23 16.4	+0.4
NC204	comp=Z,4.4nm,0.6s,baz=236,slow=1.5,SNR=7.4					
NB201	NORSAR Array S	72.57 338	P	P	07 23 16.0	-0.1
NB201	comp=Z,4.4nm,0.6s,baz=236,slow=1.5,SNR=7.4					
HFS	Hagfors	72.57 336	LR	LR	07 58 20.3	
HFS	comp=E,55nm,18.4s,baz=46,slow=3.8					
NB2	NORSAR Subarra	72.60 338	P	P	07 23 16.7	+0.4
NB2	comp=Z,1.4nm,0.7s,baz=37,slow=6.2					
NOA	NORSAR Array B	72.60 338	P	P	07 23 15.9	-0.4
NOA	comp=Z,2.0nm,0.8s,baz=38,slow=5.9,SNR=8.0		LR	07 59 11.6		
NOA	comp=Z,3.7nm,1.9s,baz=250,slow=39					
NOA	comp=Z,2.0nm,0.8s					
AKASG	Malin Array Be	73.40 323	P	P	07 23 21.0	-0.2
AKASG	comp=Z,1.4nm,0.6s,baz=46,slow=8.2,SNR=7.8					
AKASG	Malin Array Be	73.40 323	iP	pmax	07 23 21.0	-0.2
AKASG	comp=Z,1.0nm,0.6s					
PDAR	Pinedale Array	74.80 47	P	P	07 23 31.2	+1.4
PDAR	comp=Z,4.4nm,0.6s,baz=236,slow=1.5,SNR=7.4					
PDAR	comp=Z,4.4nm,0.6s					
PDAR	Pinedale Array	74.80 47	P	P	07 23 30.4	+0.6
PFO	Pinyon Flats O	76.33 58	P	P	07 23 38.9	+0.3
PFO	comp=Z,1.4nm,0.6s,baz=189,slow=11,SNR=2.3					
BRTR	Keskin Array B	78.49 312	P	P	07 23 49.9	-0.7
BRTR	comp=Z,0.6nm,0.6s,baz=145,slow=4.5,SNR=4.3					
BRTR						

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KST, SGDS, DGS, IZV, MTBS, TNSS, KK31, MDOK, KRBS, BRLS, KTBS, KUU, CHKK, ARXS, etc.

IDC 04 08:13:00.1±3.5,54°18N-87.47E,h0km,mbtmp2.8/2, ML2.5/2,Error ellipse: s-maj=27.8km s-min=19.6km az=47.0,Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, KURBB, MKAR, etc.

KRSC 04 08:26:43.2±1.1,48°22N×156.54E,h16km,28km,ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like PAU, KDRTR, MIVTR, RUS, GRL, SPN, etc.

SOME 04 08:35:41.2,39°38N-73°47E,h5km KRNET 04 08:35:44.1±0.1,39°53N-73°52E,mb3.6 ISU 04 08:35:45.4,39°55N-73°29E,h6km NNC 04 08:35:47.3±1.6,39°62N-73°39E,h0km,mb3.9,mpv3.5, Error ellipse: s-maj=12.8km s-min=6.9km az=176.0 ISC 04 08:35:47.4±1.3,39°59N-0.06°73.34E,0.03,h10km,n56, 0182/91,26C-4D,Tajikistan-Xinjiang border region

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like OHH, TSTA, CHMI, CHDK, GAR, UCH, EKS2, MRKS, AAK, KBK, ULHL, CHMS, IUG, TKM2, KDJ, KST, SGDS, DGS, KK31, KK33, KK31, KKAR, MTBS, IZV, BRLS, BRLL, TNSS, KRBS, MKAR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUU, CHKK, CHKK, SATY, KURS, KURS, BTLs, BTLs, BTLs, UZB, UZB, UZB, KPKS, ARXS, ARXS, ARXS, etc.

IDC 04 08:45:58.3±2.5,24°38N-123°09E,h0km,mb3.5/3, mbtmp3.5/3,Error ellipse: s-maj=339.3km s-min=29.6km az=70.0

TAP 04 08:46:06.9,24°69N-122°37E,h90km,ML3.6,B JMA 04 08:46:06.2±0.2,25°N±1°12'±22'±3E,0.5,h96km,2km, MV2.4/10,TAIWAN REGION

ISC 04 08:46:06.7±1.1,24°67N-104°122'±39E,0.03,h91km,7km, n89,0991/153,mb3.3/3,Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like EGS, TWC, TWB1, NTC, JYNG, ILA, YOJ, YOJ, EWUT, NDS, SX11, ENA, TWE, NWF, NWF, WFSB, WFSB, FUSB, TNOU, TNOU, TWA, TWA, LATG, NDT, NDLT, ETL, ETL, NACB, TATO, TATO, YMO8, YMO8, YHNB, YHNB, TWD, TWD, NSK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NSK, ET LH, NNSB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TPUB, LDUT, LDUT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTH, OFUJ, JOM, etc.

Table with columns: 4d 9h, call sign, frequency, power, and other technical details for various radio stations.

Table with columns: call sign, frequency, power, and other technical details for various radio stations.

Table with columns: call sign, frequency, power, and other technical details for various radio stations.

Table with columns for station code, name, frequency, and signal strength. Includes stations like JYT, PWJI, INU, MAJ, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like NJ2, VLA, SKR, QIZ, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like TIA, CN2, ATKA, IPM, etc.

Table with columns: ZAK, comp, pmax, pmax, and numerical values. Rows include stations like EYAK, M23K, CHUM, etc.

Table with columns: BCPM, HOPS, CCB, MDM, K24K, HDA, HDA, HDA, TCOL, COLA, COLA, M26K, M26K, MENT, F21K, H23K, H23K, RIDG, RIDG, ILAR, ILAR, L26K, M27K, M27K, G22K, YUK3, BBG5, J25K, J25K, J25K, G23K, G23K, H24K, H24K, SCRK, SCRK, K02D, BVCV, L27K, L27K, YUK6, PLBC, COLD, COLD, YUK4, YBHK, YBHK, P30M, PKM, KNGR, KNGR, J26L, J26L, J26L, JIS, JIS, HYT, HYT, E22K, E22K, GRNB, K27K, K27K, K27K, BCW, SKAG, L04D, L04D, L04D, CMB, BBB, MAW, MAW, MAW, MAW, COR, COR, N30M, O30N

Table with columns: I26K, I26K, G03D, ARVC, YES, I04A, J04D, H04D, H04D, EMB, D23K, D23K, E03A, BEKR, PASC, P32M, TOLK, TOLK, TOLK, MPK, NLWA, N31M, N31M, N31M, N31M, CBB, ISA, ISA, DAWY, DAWY, DAWY, DAWY, MDPB, M30M, M30M, M30M, PALK, PALK, J05D, A21K, MLAC, K05A, Y09C, YERR, D24K, D24K, MURC, C23K, C23K, PAHR, CWC, I05D, P33M, LRMC, PINE, HOOD, RYN, C24K, C24K, C24K, G05D, BBRC, MPMC, M31M, MONP, N32M, NVAR, NVAR, DLBC, DLBC, DLBC, DLBC, NV11, MAYO, PFO

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Ammassalik, Gr 122.97 11, Arta Tunnel, Minsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like RONA, CONA, CONA, CKRC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like TOR Torodi Ar. Bea, IDC 04 09:27:45, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other details. Includes stations like H01W1 Cape Leeuwin H, JOW Kunigami, WB0 Warramunga Arr, etc.

IDC 04 09:34:09.0,2.8,2.47S, 100.99E, h72km, 18km, mb4.0/9, mbmp4.3/10, Error ellipse: s-maj=44.5km s-min=15.3km az=60.0
DJA 04 09:34:09.5,0.3,2.2S,4.1x10^1E, h58km, 5km, MA, 7.12, mb4.9/2, mb4.9/1, MLV4.5/12, Mw(m)B4.2/1
NEIC 04 09:34:10.1, 1.9, 2.41S, 0.08x10^1E, h68km, 8km, mb4.6/19, Error ellipse: s-maj=17.8km s-min=9.5km az=61.0

Table with columns: Code, Station Name, Frequency, Class, Mode, and other details. Includes stations like KRJI Kerinci, PPSI Pulau Pagai, SISI Saibi, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other details. Includes stations like ASAR Cape Leeuwin H, ASAR Kunigami, ASAR Warramunga Arr, etc.

TAP 04 09:34:49.8,23.23N,120.93E, h5km, 1km, ML1.1,C,

Table with columns: Code, Station Name, Frequency, Class, Mode, and other details. Includes stations like ELDTW Lidau, ELDTW Lidau, STYH Taoyuan, etc.

IDC 04 09:38:34.6,0.5,3.48N,82.85W, h0km, mb4.3/21, mbmp4.3/25, ML3.3/3, MS4.1/7, Error ellipse: s-maj=25.5km s-min=11.4km az=56.0
NEIC 04 09:38:36.2, 2.4, 3.42N, 0.07x10^1E, h10km, 1km, mb4.9/24S, Error ellipse: s-maj=15.6km s-min=10.5km az=244.0

ISC 04 09:38:38.0,0.4,3.39N,107.82W, h24km, n38T, c1949/285, mb4.7/137, MS4.4/4, 5D, South of Panama

Table with columns: Code, Station Name, Frequency, Class, Mode, and other details. Includes stations like CACAO EI Cacao, Vera, AZU Azu, CDITO Canos, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other details. Includes stations like VMAR Armenia, Volca, GUYC Guyana, BOSC San Juan Bosco, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like HDIL Hopedale, M55A Ridgway, M57A Sunshine Farm, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like S11A Rachel, TCUT Toone Canyon, R11A Troy Canyon, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like DAWY Dawson, M27K Edge Creek, M27K Edge Creek, etc.

4d 10h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SNAE, ARCES, QSPA, ZALV, SONM, MKAR, KSRs, ASAR, WRA, CD2, PZH.

TUL 04 09:49:59.5-1.2, 36.48N, 0.02-98.82W, 0.04, h6km, 5km, ML2.8, mb_Lg2.5/46(NEIC), Error ellipse: s-maj=4.7km s-min=2.3km az=67.0

NEIC 04 09:49:59.8-0.9, 36.49N, 0.02-98.78W, 0.04, h5km, 1km, Error ellipse: s-maj=5.1km s-min=3.0km az=68.0

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Lists various stations and their parameters.

PRU 04 10:03:14.0-0.0, 50.24N, 19.00E, h0km, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Includes stations like OJC, MORC, MAUC, KRLC, DPC, VRAC.

ROM 04 10:08:34.0-0.1, 46.138N, 0.003-11.201E, 0.005, h0km, ML0.9/3, 1D, Error ellipse: s-maj=0.4km s-min=0.3km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Includes stations like GAGG, LUSI, DOSS.

2016 JUL

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Includes stations like DOST, CTSI, APPI, KOSI, LEOD.

SCB 04 10:15:55.4-0.8, 21.11S, 67.51W, h162km, gkm, ML2.8/4, MW2.8, 1C, Error ellipse: s-maj=3.4km s-min=2.7km

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Lists various stations and their parameters.

IDC 04 10:23:23.1-1.5, 32.26N, 69.74E, h0km, mb3.7/6, mbtmp3.7/9, ML3.3/3, Error ellipse: s-maj=32.4km s-min=25.7km az=119.0

ISC 04 10:23:25.9-0.9, 32.34N, 68.69E, 0.1, h10km, n11, r122/12, mb3.7/5, Pakistan

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Lists various stations and their parameters.

IDC 04 10:29:48.2-1.3, 6.81S, 128.64E, h0km, mb3.9/4, mbtmp3.9/7, ML3.8/3, Error ellipse: s-maj=63.0km s-min=22.0km az=63.0

ISC 04 10:29:52.8-1.1, 7.15S, 0.1, 128.5E, 0.2, h35km, n7, r2507/9, mb3.8/4, Banda Sea

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Lists various stations and their parameters.

KRNET 04 10:52:07.9-0.1, 42.93N, 78.42E, h17km, mb3.5, NNC 04 10:52:07.7-0.7, 42.94N, 78.43E, h0km, mb3.3, mpv3.5, Error ellipse: s-maj=6.8km s-min=2.6km az=172.0

SOME 04 10:52:08.3, 42.95N, 78.38E, h10km, ISC 04 10:52:08.1-1.0, 42.92N, 0.02-78.39E, 0.02, h4km, 9km, n59, r1510/12, 15C-4D, Lake Issyk-Kul region

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Lists various stations and their parameters.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res. Lists various stations and their parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and various flags. Includes stations like ANAKTUVUK PASS, MELOZITINA RIVER, and WAKE ISLAND HY 29.03.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and various flags. Includes stations like WAKE ISLAND HY 29.03, STKA STEPHENS CREEK, and WARRAMUNGA ARR.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and various flags. Includes stations like NOVI DI MODENA, MINERBIO FIU, and ZOVENCADO.

NEIC 04 11:09:05.5-1.7, 10:56S:0:03:164:9E:0.1, h42km, 9km, mb4.3/12, Error ellipse: s-maj=18.1km s-min=3.0km

IDC 04 11:09:07.9-3.3, 10:75S:164:94E, h69km, 29km, mb3.5/9, mbmp3.9/11, ML4.5/2, MS3.6/4, Error ellipse: s-maj=26.6km s-min=17.1km az=59.0

ISC 04 11:09:05.0-0.7, 10:67S:0:008:164:97E:0.10, h46km, n36, s=154/31, mb4.1/15, Santa Cruz Islands region

4d 12h

Table of station data for 4d 12h, including columns for station name, coordinates, and various parameters like SNR and time.

2016 JUL

Main table of station data for 2016 JUL, including columns for station name, coordinates, and various parameters like SNR and time.

194

Table of station data for 194, including columns for station name, coordinates, and various parameters like SNR and time.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TARG, K20K, IMAR, KDAAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ML2.7, NEIC 04, Oklahoma, etc.

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

IDC 04 13:57:48.3±8.9, 2.68S; 139.90E, h0km, mb2.9/2, mbtmp2.9/3, ML3.0/1, Error ellipse: s-maj=355.7km

DJA 04 13:57:55.7±0.9, 3.13S; 139.90E, h10km, M3.1/3, MLv3.1/3

ISC 04 13:57:56.2±1.1, 2.75S; 0.1±0.1, h37km, n6, ±076/6, Near north coast of Irian Jaya

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

IDC 04 14:07:00.1±3.4, 29.59N; 141.18E, h0km, mb3.5/4, mbtmp3.4/5, ML2.9/1, Error ellipse: s-maj=145.4km

ISC 04 14:07:00.1±3.4, 29.59N; 141.18E, h0km, mb3.5/4, mbtmp3.4/5, ML2.9/1, Error ellipse: s-maj=145.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ, H1N2, H1N1, H1N3, MKAR, WRA, ASAR, BRTR, etc.

IDC 04 14:07:29.5±2.3, 30.77S; 178.49W, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=66.5km s-min=36.8km

ISC 04 14:07:29.5±2.3, 30.77S; 178.49W, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=66.5km s-min=36.8km

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

TUL 04 14:08:22.3±1.1, 35.95N; 0.01±96.88W, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=66.5km s-min=36.8km

NOU 04 14:15:36.6±22.97S; 171.79E, h0km, ML5.2/10, Southeast of Loyalty Islands

GCMT 04 14:15:42.3±0.2, 22.61S; 0.01±171.72E, h14km, 1km, MW5.1/123, Moment Tensor Solution, s58, c77;

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

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

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

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

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

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

RMQ 04 14:20:27.6±2.7, 21.21S; 135.50W, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=66.5km s-min=36.8km

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

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

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

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

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

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

ISC 04 14:15:43.1±0.4, 22.60S; 0.07±171.58E, h0.05, h35km, n152, ±154/115, mb4.8/30, MS4.4/42, 1C, Southeast of Loyalty Islands

YOJ	baz=130	S	Sn	14 50 48.7 +0.4
YOJ	baz=130	P	Pn	14 50 29.2 +0.1
YOJ	Yonaguni jima	0.94 130	P	14 50 48.3 +0.4
NNS	Nan Shan	0.99 231	iP	14 50 30.3 +0.6
NNS	baz=230	iS	Sn	14 50 48.7 -0.6
NNSB	Datong	0.99 230	iP	14 50 30.0 +0.4
NNSB	baz=229	S	Sn	14 50 49.1 -0.1
ETL	Fush Village	1.05 211	P	14 50 30.3 +0.2
ETL	baz=210	S	Sn	14 50 49.1 -1.0
NACB	Ninganchiao	1.05 213	P	14 50 30.0 0.0
NACB	Ninganchiao	1.05 213	P	14 50 30.3 +0.2
NACB	baz=212	S	Sn	14 50 48.1 -1.9
ETLH	Xiulin Townshi	1.08 218	P	14 50 31.0 +0.6
ETLH	baz=217	S	Sn	14 50 49.8 -0.8
NFF	Wufeng Townshi	1.09 247	P	14 50 30.8 +0.4
NFF	baz=246	S	Sn	14 50 49.7 -0.9
TWD	Chiawan	1.13 210	iP	14 50 30.8 +0.1
TWD	baz=209	iS	Sn	14 50 50.3 -0.9
SBCB	Hsinchu	1.15 257	P	14 50 31.7 +0.9
SBCB	baz=255	S	Sn	14 50 51.2 -0.2
HSN	Hsinchu	1.16 257	iP	14 50 31.3 +0.3
HSN	baz=257	iS	Sn	14 50 50.9 -0.7
LIQB	Emei	1.17 249	iP	14 50 31.6 +0.6
LIQB	baz=248	S	Sn	14 50 51.3 -0.4
NSTT	Nanjuang	1.19 249	iP	14 50 31.6 +0.5
NSTT	baz=247	iS	Sn	14 50 51.3 -0.7
FUSS	Fushou	1.20 228	iP	14 50 32.7 +1.0
FUSS	baz=227	iS	Sn	14 50 52.9 +0.1
HWA	Hwaiien	1.22 207	iP	14 50 32.2 +0.7
HWA	baz=206	iS	Sn	14 50 53.8 +1.3
TWT	Tachien	1.24 230	iP	14 50 33.1 +1.2
TWT	baz=229	S	Sn	14 50 53.7 +0.4
TDCB	Techi	1.26 230	P	14 50 32.9 +0.9
TDCB	baz=229	S	Sn	14 50 53.1 -0.4
WHF	Hehuan Shan	1.26 224	iP	14 50 33.4 +1.0
WHF	baz=222	iS	Sn	14 50 53.7 -0.4
CHGB	Renai	1.38 224	P	14 50 34.7 +1.4
CHGB	baz=223	S	Sn	14 50 56.0 +0.3
WHP	Taichung City	1.40 236	iP	14 50 34.1 +0.9
WHP	baz=235	iS	Sn	14 50 55.1 -0.6
NMLH	Miaoili	1.40 248	P	14 50 34.1 +0.9
NMLH	baz=247	S	Sn	14 50 56.0 +0.3
ESL	Shilin	1.44 210	iP	14 50 33.3 -0.3
ESL	baz=209	S	Sn	14 50 53.3 -0.3
OWD	Renai	1.46 221	iP	14 50 35.0 +1.0
OWD	baz=220	S	Sn	14 50 57.2 +0.2
WUSB	Renai	1.46 223	P	14 50 35.3 +1.3
WUSB	baz=222	S	Sn	14 50 57.2 +0.2
TWQ1	Liyutan	1.49 242	iP	14 50 34.7 +0.5
TWQ1	baz=241	iS	Sn	14 50 57.1 -0.3
WCS	Beigang Elemen	1.55 230	P	14 50 35.7 +0.9
WCS	baz=229	S	Sn	14 50 58.1 -0.3
IRIF	Iriomote-Funau	1.56 118	P	14 50 34.7 -0.1
IRIF	baz=117	eS	Sn	14 50 57.7 -0.7
EGFH	Guangfu	1.56 207	eP	14 50 35.0 +0.2
EGFH	baz=207	iS	Sn	14 50 59.3 +0.1
WDJ	Dajia District	1.60 244	iP	14 50 36.1 +0.9
WDJ	baz=243	iS	Sn	14 50 59.3 +0.1
VWDT	VWDT	1.63 217	P	14 50 36.9 +1.3
VWDT	baz=216	eS	Sn	14 50 58.3 -1.6
TCU	Taichung	1.67 237	iP	14 50 36.9 +0.8
TCU	baz=236	S	Sn	14 51 00.5 -0.1
SMLT	Sun Moon Lake	1.68 226	P	14 50 37.0 +0.7
SMLT	baz=225	S	Sn	14 51 01.5 +0.5
TYC	Yuchr	1.69 227	P	14 50 37.2 +1.0
TYC	baz=226	S	Sn	14 51 01.1 +0.1
SSLB	Suanguang	1.71 222	P	14 50 37.1 +0.6
SSLB	Suanguang	1.71 222	P	14 50 37.1 +0.6
SSLB	baz=221	S	Sn	14 51 01.4 -0.2
HGSD	Ruisui	1.73 205	P	14 50 37.2 +0.6
HGSD	baz=204	S	Sn	14 51 01.4 -0.3
EHY	Hungye	1.75 208	eP	14 50 36.6 -0.3
HATJ	Hateruma jima	1.76 124	P	14 50 37.8 +0.8
HATJ	baz=123	S	Sn	14 51 02.5 +0.2
WCHH	Zhanghua	1.80 237	P	14 50 37.7 +0.3
WCHH	baz=236	S	Sn	14 51 03.5 +0.4
JKRS	Kuro-shima	1.83 116	P	14 50 38.2 +0.6
JKRS	baz=115	eS	Sn	14 51 03.1 -0.5
WNT	Mingjian	1.83 230	iP	14 50 38.3 +0.6
WNT	baz=229	iS	Sn	14 51 03.8 +0.1
WJS	Zhushan	1.84 228	eP	14 50 38.8 +1.0
WJS	baz=227	S	Sn	14 51 04.4 +0.5
YULB	Yu-li	1.86 207	P	14 50 37.3 -0.9
YULB	Yu-li	1.86 207	P	14 50 37.7 -0.5
JJU	Ishigaki jima	1.89 111	P	14 50 38.6 +0.2
JJU	baz=110	S	Sn	14 51 03.5 -1.4
EYUL	Yuli	1.90 206	eP	14 50 40.0 +1.5
EYUL	baz=205	S	Sn	14 51 04.4 -0.7
YUS	Yu-Shan	1.95 217	eP	14 50 41.5 +2.0
YUS	baz=215	eS	Sn	14 51 07.2 +0.3
ALS	Alshan	2.01 220	P	14 50 40.9 +0.8
ALS	baz=219	S	Sn	14 51 07.7 -0.2

CHNS	Tsauling	2.02 224	eP	Pn	14 50 40.9 +0.9
CHNS	baz=223	eS	Sn	14 51 08.0 +0.1	
WRL	Guarilin Hig	2.04 236	eP	Pn	14 50 40.2 +0.2
WRL	baz=235	S	Sn	14 51 07.1 -0.7	
FULB	Ful	2.04 205	P	Pn	14 50 40.8 +0.7
FULB	baz=204	S	Sn	14 51 08.6 +0.5	
WDLH	Douliu	2.05 228	eP	Pn	14 50 40.8 +0.6
WDLH	baz=227	eS	Sn	14 51 07.2 -1.0	
WTK	Tuku	2.16 231	P	Pn	14 50 42.1 +0.7
WTK	baz=230	S	Sn	14 51 10.8 +0.5	
ELDTW	Lidau	2.17 211	P	Pn	14 50 41.5 -0.2
ELDTW	baz=210	eS	Sn	14 51 09.9 -0.9	
CHN2	Minshiang	2.20 226	iP	Pn	14 50 42.7 +0.7
CHN2	baz=225	S	Sn	14 51 11.9 +0.6	
EDH	Donghe	2.24 202	P	Pn	14 50 42.6 +0.1
EDH	baz=201	S	Sn	14 51 12.0 -0.2	
CHY	Chiayi	2.26 227	eP	Pn	14 50 43.3 +0.7
CHY	baz=225	eS	Sn	14 51 12.3 -0.2	
TPUB	Ta-pu	2.28 220	P	Pn	14 50 43.1 +0.2
TPUB	Ta-pu	2.28 220	P	Pn	14 50 43.5 +0.7
TPUB	baz=219	S	Sn	14 51 12.6 -0.3	
JTJ	Tarama	2.30 100	eP	Pn	14 50 44.0 +1.0
JTJ	baz=100	S	Sn	14 51 12.8 -0.5	
STYH	Taoyuan	2.30 215	eP	Pn	14 50 43.9 +0.8
STYH	baz=214	eS	Sn	14 51 13.5 +0.1	
WSF	Szhu	2.31 232	P	Pn	14 50 43.5 +0.4
WSF	baz=231	S	Sn	14 51 13.3 -0.1	
WTP	Ta-pu	2.33 219	P	Pn	14 50 44.1 +0.6
WTP	baz=218	S	Sn	14 51 13.6 -0.5	
WSL	Shuilin Townsh	2.38 230	eP	Pn	14 50 44.5 +0.5
WSL	baz=229	eS	Sn	14 51 15.4 +0.4	
TKW	Hsiyung	2.39 222	P	Pn	14 50 45.0 +0.8
TKW	baz=221	S	Sn	14 51 15.4 +0.1	
SNST	Tainan City	2.42 221	eP	Pn	14 50 46.1 +1.5
SNST	baz=220	S	Sn	14 51 15.6 -0.2	
CHN1	Nanshi	2.42 220	P	Pn	14 50 45.2 +0.6
CHN1	baz=219	S	Sn	14 51 16.0 -0.1	
ICHU	Yijhu	2.45 227	P	Pn	14 50 45.5 +0.5
ICHU	baz=226	eS	Sn	14 51 16.9 +0.4	
TWG	Pinlang	2.47 205	P	Pn	14 50 44.2 -1.0
TWG	Pinlang	2.47 205	iP	Pn	14 50 45.0 -0.2
TWG	baz=204	S	Sn	14 51 15.6 -1.4	
TWGBT	Beinan	2.47 205	eP	Pn	14 50 45.1 0.0
TWGBT	baz=204	eS	Sn	14 51 16.3 -0.6	
SGST	Jiashian	2.48 217	P	Pn	14 50 44.9 -0.4
SGST	baz=216	eS	Sn	14 51 16.0 -1.2	
LDUT	Ludao	2.48 196	eP	Pn	14 50 44.9 -0.4
LDUT	baz=195	eS	Sn	14 51 15.7 -1.4	
CHN8	Yiju	2.51 227	eP	Pn	14 50 45.9 +0.4
CHN8	baz=226	eS	Sn	14 51 16.9 -0.8	
VWUC	VWUC	2.51 269	eP	Pn	14 50 45.8 +0.2
VWUC	baz=268	S	Sn	14 50 48.3 +1.6	
CHN3	Shinhua	2.60 221	eP	Pn	14 51 19.1 -0.8
CHN3	baz=220	eS	Sn	14 51 19.1 -0.8	
SCLT	Jiali	2.64 225	eP	Pn	14 50 47.6 +0.4
SCLT	baz=224	eS	Sn	14 51 21.1 +0.5	
SHHT	Tainan City	2.66 220	eP	Pn	14 50 48.6 +1.2
SHHT	baz=219	eP	Pn	14 50 47.6 +0.2	
LYJY	Jiayangzhen	2.66 304	eP	Pn	14 50 49.9 +1.2
LYJY	baz=303	S	Sn	14 50 48.9 +1.2	
SCST	Cishan	2.68 216	eP	Pn	14 50 49.7 +0.2
SCST	baz=215	S	Sn	14 50 49.0 +1.2	
JIRB	Irabujima	2.69 94	P	Pn	14 50 49.5 +1.2
JIRB	baz=94	eP	Pn	14 50 49.5 +1.2	
TSMG	Majia	2.75 212	eP	Pn	14 50 49.3 +0.6
TSMG	baz=211	S	Sn	14 50 50.0 +1.4	
JJKM	Ikenajima	2.76 92	P	Pn	14 50 50.2 +1.4
JJKM	baz=92	eP	Pn	14 50 49.4 +0.2	
PTMZ	Houxiangcun	2.81 270	eP	Pn	14 50 51.3 +1.6
PTMZ	baz=269	S	Sn	14 50 51.3 +1.6	
MASBT	Mashibuluo	2.84 211	eP	Pn	14 50 50.9 +1.2
MASBT	baz=210	S	Sn	14 51 24.7 -0.4	
JMJ2	Miyako jima3	2.84 96	P	Pn	14 50 50.1 +0.4
JMJ2	baz=96	S	Sn	14 50 49.8 -0.2	
PNG	Penghu	2.85 239	eP	Pn	14 50 51.8 +1.2
PNG	baz=238	S	Sn	14 51 26.6 -0.1	
PHUB	P'eng-hu	2.86 238	eP	Pn	14 50 51.6 +0.6
PHUB	baz=237	S	Sn	14 50 51.3 +0.2	
JOGS	Gusukube	2.91 95	P	Pn	14 50 52.2 +0.8
JOGS	baz=95	S	Sn	14 50 53.2 +1.8	
WDGT	Dungji	2.94 233	eP	Pn	14 50 53.1 +1.4
WDGT	baz=232	S	Sn	14 50 53.4 +1.0	
EAST	Anshuo	2.95 205	eP	Pn	14 50 52.5 -0.1
EAST	baz=204	eP	Pn	14 50 54.1 +0.9	
TAWH	Dav Township	2.97 204	eP	Pn	14 50 53.0 -0.5
TAWH	baz=204	S	Sn	14 50 59.5 +1.5	
SSPT	Xinbi	2.98 211	eP	Pn	14 50 58.1 -0.2
SSPT	baz=210	eP	Pn	14 50 58.3 -0.1	
WSSB	Gushan	3.00 217	eP	Pn	14 51 03.2 +0.6
WSSB	baz=216	S	Sn	14 52 55.9 +0.6	
SCZT	Fangliu	3.05 209	eP	Pn	14 53 04.8 -1.4
SCZT	baz=208	S	Sn	14 54 00.4 -0.5	
MHZO	Yeshan	3.06 290	eP	Pn	14 54 03.0 -0.2
MHZO	baz=289	S	Sn	14 55 22.3 +0.7	
LAY	Lan-yu	3.07 192	eP	Pn	14 54 00.4 -0.5
LAY	baz=191	S	Sn	14 50 54.1 +0.9	
SLIU	Shizi	3.12 205	eP	Pn	14 50 53.0 -0.5
SLIU	baz=204	S	Sn	14 50 59.5 +1.5	
VCHM	Qimei	3.15 235	eP	Pn	14 50 58.1 -0.2
VCHM	baz=233	S	Sn	14 50 58.3 -0.1	
KNM	Kimmen	3.50 260	eP	Pn	14 51 03.2 +0.6
KNM	baz=259	S	Sn	14 52 55.9 +0.6	
AXDP	Jialang	3.86 268	eP	Pn	14 53 04.8 -1.4
AXDP	baz=267	S	Sn	14 54 00.4 -0.5	
ENH	Enshu	12.41 298	Pn	14 54 03.0 -0.2	
ENH	baz=298	P	Pn	14 55 22.3 +0.7	
KSR5	Korea Array	13.28 20	Pn	14 54 00.4 -0.5	
KSR5	0.3nm, 0.4s, baz=202, slow=11, SNR=1.5	P	Pn	14 54 03.0 -0.2	
MJAR	Matsushiro Arr	17.85 46	P	Pn	14 54 03.0 -0.2
MJAR	baz=46	P	Pn	14 55 22.3 +0.7	
MCJ	Michijima	18.05 79	P	Pn	14 55 22.3 +0.7
MCJ	baz=79	P	Pn	14 55 22.3 +0.7	
SONM	Songino Array	25.94 335	P	Pn	14 55 22.3 +0.7
SONM	3.2nm, 0.8s, baz=154, slow=9.3, SNR=12	P	Pn	14 55 22.3 +0.7	
SONM	Songino Array	25.94 335	P	Pn	14 55 22.3 +0.5

SONM	comp=Z,1.9nm,0.7s	IAMB	IAMB	14 55 23d
MK31	Makanchi Array	38.37 315	P	14 57 09.8 +0.2
MKAR	Makanchi Array	38.37 315	P	14 57 10.1 +0.5
MKAR	comp=Z,1.3nm,0.5s, baz=99, slow=9.6, SNR=22	P	Pn	14 57 09.7 +0.1
MKAR	Makanchi Array	38.37 315	P	14 57 11.8 +0.5
MAKZ	Makanchi	38.58 315	IAMB	14 57 12.4
ZAAO	Zalesovo Array	40.03 326	P	14 57 22.5 -0.7
ZAAO	comp=Z,1.6nm,0.5s			

4d 16h

Table with columns: Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like ESO, NLC, SDLR, SMAR, KRER, etc.

IDC 04 15:10:26.9.3.5, 22'44N:11'49W, h0km, mbtmp3.6/2, ML3.2/2, Error ellipse: s-maj=125.4km s-min=55.4km

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like TORD, DBIC, I42PT, ASAR.

JMA 04 15:45:52.6:0.2, 44'11N:0.8:14'3E, h214km, 1km, MV3.2/38, KAMIKAWA-SORACHI REGION

IDC 04 15:45:52.4:2.0, 44'13N:142'62E, h201km, 20km, mb3.2/13, mbtmp3.8/19, Error ellipse: s-maj=15.9km

NEIC 04 15:45:53.3:1.4, 44'13N:0.05:142'6E:0.1, h206km, 4km, mb4.0/35, Error ellipse: s-maj=13.1km s-min=7.0km

ISC 04 15:45:53.1:0.6, 44'00N:0.06:142'64E:0.05, h211km, 5km, n89, c0877/101, mb3.8/28, Hokkaido region

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like ASAJ, JKK2, JMP, etc.

2016 JUL

Table with columns: Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like PMR, GHO, H24K, etc.

IDC 04 15:48:34.7:5.6, 47'45S:152'81E, h0km, mb3.2/3, mbtmp3.2/3, Error ellipse: s-maj=168.9km

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

IDC 04 15:48:34.7:5.6, 47'45S:152'81E, h0km, mb3.2/3, mbtmp3.2/3, Error ellipse: s-maj=168.9km

PRE 04 15:49:28.0:0.9, 25'66S:27'47E, h2km, ML2.1

ISC 04 15:49:27.5:1.6, 25'62S:27'44E:0.06, h0km, 11km, n8, c199/11, South Africa

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like WRA, ASAR, MKAR, etc.

IDC 04 15:49:16.5:7.9, 25'54S:27'51E, h0km, mbtmp2.4/1, ML2.1/2, Error ellipse: s-maj=79.9km s-min=52.7km

ISC 04 15:49:28.0:0.9, 25'66S:27'47E, h2km, ML2.1

ISC 04 15:49:27.5:1.6, 25'62S:27'44E:0.06, h0km, 11km, n8, c199/11, South Africa

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like HRAO, KSR, PRYS, etc.

GCG 04 15:58:38.8:9.1, 13'08N:92'72W, h32km, 999km, MD4.2

IDC 04 15:58:40.4:1.9, 14'11N:92'19W, h0km, mb3.9/7, mbtmp3.7/9, ML3.2/2, MS3.5/1, Error ellipse: s-maj=84.2km

MEX 04 15:58:41.2:0.6, 13'69N:92'81W, h13km, 153km, MD4.2

NEIC 04 15:58:45.1:2.3, 14'19N:0.04:92'41W:0.04, h17km, 5km, mb4.5/21, MD4.2/18(MEX), Error ellipse: s-maj=6.7km s-min=4.3km az=51.0

ISC 04 15:58:43.1:1.7, 14'06N:0.06:92'56W:0.05, h15km, 10km, n58, c1971/72, mb4.3/17, Near coast of Chiapas

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like RTAL, PATR, CHJU, etc.

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Table with columns: Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like CMIG, CMIG, CMIG, etc.

IDC 04 16:06:21.4:1.4, 51'55N:0.04:173'95W:0.04, h22km, 12km, mb3.7/10, ML3.0/26(A/C), Error ellipse: s-maj=6.9km s-min=2.6km az=203.0

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like ATKA, KOFK, KOKL, etc.

AEIC 04 16:06:22.1:8.5, 51'49N:0.05:173'99W:0.04, h30km, 6km, Error ellipse: s-maj=7.2km s-min=3.0km az=194.0, Androsfal Islands

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like ATKA, KOFK, KOKL, etc.

IDC 04 16:06:21.4:1.4, 51'55N:0.04:173'95W:0.04, h22km, 12km, mb3.7/10, ML3.0/26(A/C), Error ellipse: s-maj=6.9km s-min=2.6km az=203.0

AEIC 04 16:06:22.1:8.5, 51'49N:0.05:173'99W:0.04, h30km, 6km, Error ellipse: s-maj=7.2km s-min=3.0km az=194.0, Androsfal Islands

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like ATKA, KOFK, KOKL, etc.

MCSM 04 16:06:38.2:0.9, 46'N:7'27E, h122km, 5km, ML3.6

SOF 04 16:06:38.1, 45'69N:26'58E, h130km, MD3.9

BUC 04 16:06:38.6:0.3, 45'68N:26'63E, h126km, mb3.9/51, Error ellipse: s-maj=1.6km s-min=1.5km az=175.0

SLG 04 16:06:38.1, 45'47N:26'61E, h132km, mb3.3

BEO 04 16:06:39.9:2.7, 45'44N:26'78E, h101km, 6km, ML3.1/6

ISC 04 16:06:37.6:1.2, 45'69N:0.02:26'61E:0.02, h136km, 5km, Error ellipse: s-maj=1.6km s-min=1.5km az=175.0

Table with columns: TIXI, Tiksi, 79.28, 2 P, Iamb, P, 16 55 05.9 -0.9, 16 55 34.6

IDC 04 16:47:02.6:3.1, 20.80N:122.08E, h0km, mb4.0/9, mbtmp4.1/12, ML3.9/3, MS3.2/6, Error ellipse: s-maj=62.5km s-min=20.3km az=157.0

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

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

Main table with columns: K20K, Iamb, Iamb, 16 58 23.6, comp=Z, 0.6nm, 0.5s, baz=198, slow=3.2, SNR=1.9

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

4d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CCD Concordia, Ant, FAKI Fak Fak, KLBRR Kellerberrin, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO Matushiro, MAJO Matsu-Tunnel, MAJO SNAAs, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PET Petropavlovsk, PET MURC Murrieta, MONP2 Monument Peak, etc.

Table with columns: ID, Name, Date, Time, Az, El, Status, and other parameters. Includes entries like SDCO Great Sand Dun, WAT6 Susitna Watana, LOHW Long Hollow, etc.

Table with columns: ID, Name, Date, Time, Az, El, Status, and other parameters. Includes entries like COLD Coldfoot, CPUP Villa Florida, RSSD Black Hills, E22K Anaktuvuk Pass, etc.

Table with columns: ID, Name, Date, Time, Az, El, Status, and other parameters. Includes entries like GEYT Alibek, AKTO Aktyubinsk, ICESB Greenland Ices, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BBL5, MATE, DIVS, etc.

ISC 04 18:13:21.5:0.8,52.70N:171.44E,h0km,mb3.9/17, mbmp3.9/18,ML3.0/1,MS4.0/6,Error ellipse: s-maj=24.0km s-min=14.3km az=172.0

MOS 04 18:13:24.6:1.0,52.68N:171.32E,h39km,mb4.5/5,Error ellipse: s-maj=11.4km s-min=7.9km az=15.3

AEIC 04 18:13:25.2:5.52,5N:0.1,171.60E:0.0,h20km,2km, Error ellipse: s-maj=24.8km s-min=9.2km az=179.0

NEIC 04 18:13:26.7:1.6,52.8N:0.2,171.45E:0.0,h34km,7km, mb4.1/42,ML3.4(AEIC),Error ellipse: s-maj=23.5km s-min=7.8km az=182.0

KRSC 04 18:13:29.6:1.6,52.42N:170.27E,h33km,67km,ML4.4 ISC 04 18:13:25.6:0.6,52.6N:0.1,171.28E:0.0,4,h35km,n138, z=212/136,mb4.0/36,MS4.0/6,Near Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SHEM, SHEM, SMY, LSSA, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H21K, MDM, CCB, IL31, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ARLS, GAR, UCH, KBK, etc.

4d 18h

KUR	Kuril'sk	17.81	256	eP	P	18 44 52.0	+2.8
KUR	comp=Z,60nm,0.7s			S	S	18 48 11.7	-0.7
KUR	comp=Z,600nm,18.0s			MLR	MLR		
O17K	Koliganek Bris	18.19	55	P	P	18 44 53.9	+0.7
O16K	King Salmon	18.26	58	P	P	18 44 54.8	+0.8
R17K	Ugashik Creek	18.32	62	P	Pn	18 44 55.3	+0.5
P17K	Kvichak River	18.43	57	P	Pn	18 44 56.5	+0.4
TYV	Tymovskoe	18.60	277	eP	Pn	18 45 01.0	+2.7
TYV	comp=Z,30nm,1.3s			S	S		
TYV	comp=Z,700nm,5.0s			pmx	pmx		
CHIR	Chirikof Islan	18.75	67	P	P	18 44 57.2	-2.2
CHIR	comp=Z,108nm,0.7s			IAMB	IAMB	18 45 01.6	
CHIR	Chirikof Islan	18.75	67	P	P	18 44 57.5	-2.0
N18K	Kilae Creek	18.95	52	P	Pn	18 45 02.7	+0.3
N18K	Kilae Creek	18.95	52	P	Pn	18 45 02.9	+0.5
P18K	Big Mountain	19.07	56	P	Pn	18 45 03.5	-0.4
P18K	Big Mountain	19.07	56	P	Pn	18 45 03.7	-0.3
P18K	comp=Z,263,SNR=78			S	S	18 48 37.7	+0.2
Q18K	Katmai Hardscr	19.12	59	P	P	18 45 03.6	+0.1
Q18K	comp=Z,266			S	S	18 48 37.7	0.0
O18K	Koktuh Hills	19.15	55	P	Pn	18 45 04.5	-0.3
O18K	Koktuh Hills	19.15	55	P	Pn	18 45 04.6	-0.2
O18K	comp=Z,262			S	S	18 48 38.3	0.0
SVW2	Sparrevohn	19.18	51	P	P	18 45 05.3	+0.1
NKL	Nikolayevsk	19.23	284	eS	S	18 45 04.7	0.0
NKL	comp=E,8.0nm,1.2s			pmx	pmx		
NKL	comp=N,328nm,0.9s			smx	smx		
NKL	comp=E,5.0nm,1.8s			smx	smx		
NKL	comp=N,624nm,0.9s			MLR	MLR		
NKL	comp=N,7um,17.0s			MLR	MLR		
NKL	comp=E,17nm,17.0s			MLR	MLR		
RDOG	Red Dog Mine	19.45	28	P	P	18 45 06.7	-0.4
TTA	Tatalina	19.46	46	P	Pn	18 45 08.1	-0.5
TTA	Tatalina	19.46	46	P	Pn	18 45 08.1	-0.5
TTA	comp=Z,75nm,1.2s			pmx	pmx		
TTA	Tatalina	19.46	46	P	Pn	18 45 08.6	+0.1
TTA	comp=Z,252,SNR=31			S	S	18 48 50.6	+4.8
SII	Sitkinak Islan	19.52	65	P	P	18 45 06.1	-1.9
SII	comp=Z,86nm,0.6s			IAMB	IAMB	18 45 09.2	
SII	Sitkinak Islan	19.52	65	P	P	18 45 06.0	-1.9
SII	Sitkinak Islan	19.52	65	P	Pn	18 45 07.4	-0.5
SII	Ulgjorsk	19.56	272	eP	S	18 45 12.2	+2.5
UGL	comp=Z,133nm,1.1s			pmx	pmx		
UGL	comp=N,77nm,0.6s			smx	smx		
UGL	comp=E,56nm,1.3s			smx	smx		
UGL	comp=E,2um,5.7s			smx	smx		
N19K	Bonanza Creek	19.65	52	P	Pn	18 45 10.6	-0.3
N19K	comp=Z,380nm,1.6s			IAMB	IAMB	18 45 18.8	
N19K	Bonanza Creek	19.65	52	P	Pn	18 45 10.8	-0.2
N19K	comp=Z,260,SNR=38			S	S	18 48 51.2	+0.6
GCSA	Galena City Sc	19.74	40	P	Pn	18 45 11.0	-0.8
L19K	White Mountain	19.77	48	P	Pn	18 45 11.7	-0.5
L19K	White Mountain	19.77	48	P	Pn	18 45 11.7	-0.5
L19K	comp=Z,256,SNR=50			S	S	18 48 56.6	+3.3
Q19K	Cape Douglas	19.84	58	P	P	18 45 11.5	+0.1
Q19K	Cape Douglas	19.84	58	P	P	18 45 11.5	+0.1
M19K	Big River Lodg	19.91	49	P	Pn	18 45 13.5	-0.4
M19K	comp=Z,257			S	S	18 48 58.1	+1.4
OHAK	Old Harbor	19.99	63	P	P	18 45 11.8	-1.2
OHAK	comp=Z,114nm,0.6s			IAMB	IAMB	18 45 14.6	
OHAK	Old Harbor	19.99	63	P	P	18 45 11.9	-1.0
YSS	Yuzh-Sakhalins	20.02	266	eP	S	18 45 24.0	+0.2
YSS	comp=Z,271,SNR=45			eSP	S	18 48 45.7	-1.1
YSS	comp=Z,200nm,3.4s			e	pmx	18 49 15.8	
YSS	comp=Z,40nm,0.9s			pmx	pmx		
YSS	comp=N,400nm,8.1s			smx	smx		
YSS	comp=Z,1um,15.0s			MLR	MLR		
YSS	comp=E,900nm,20.0s			MLR	MLR		
YSS	Yuzh-Sakhalins	20.02	266	P	Pn	18 45 16.2	+0.9
L20K	Farewell, AK	20.28	48	P	P	18 45 16.5	+0.3
L20K	comp=Z,24nm,0.3s			S	S	18 49 06.9	+1.3
KDAK	Kodiak Island	20.37	61	P	P	18 45 15.4	-1.6
KDAK	comp=E,7.3nm,0.8s			S	S	18 48 57.7	-5.9
KDAK	comp=E,3um,20.4s			LR	LR	18 53 18.1	
KDAK	Kodiak Island	20.37	61	P	P	18 45 15.5	-1.6
KDAK	comp=Z,88nm,0.7s			IAMB	IAMB	18 45 28.2	
KDAK	Kodiak Island	20.37	61	P	P	18 45 15.5	-1.5
KDAK	comp=Z,88nm,0.7s			pmx	pmx		
KDAK	Kodiak Island	20.37	61	P	P	18 45 15.6	-1.5
KDAK	comp=Z,270			S	S	18 49 07.9	+0.3
K20K	Telida	20.43	45	P	P	18 45 18.3	+0.5
K20K	Telida	20.43	45	P	P	18 45 18.0	+0.3
K20K	comp=Z,254,SNR=32			S	S	18 49 12.1	+3.0
R20K	Redoubt South	20.44	54	P	P	18 45 18.8	+0.7
O20K	Slope Mountain	20.46	55	P	Pn	18 45 19.7	-0.7
Q20K	Shuyak Island	20.48	59	P	P	18 45 17.8	-0.4
M20K	Styx River	20.49	50	P	P	18 45 19.4	+0.9
M20K	Styx River	20.49	50	P	Pn	18 45 19.9	-0.8
M20K	comp=Z,259,SNR=36			S	S	18 49 12.6	+1.8
J20K	Novinta River	20.64	43	P	P	18 45 20.7	+0.7
J20K	comp=Z,223nm,1.1s			IAMB	IAMB	18 45 28.9	
J20K	Novinta River	20.64	43	P	P	18 45 21.0	+1.0

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SPCR	Spurr Chachaka	20.81	52	P	Pn	18 45 23.4	-1.1
SPUR	Mount Spurr	20.82	52	P	P	18 45 23.9	+1.2
HOM	Home	20.92	56	P	P	18 45 24.1	+1.1
CNPM	China Poot	21.12	56	P	P	18 45 24.5	-0.7
PPLA	Purkeypile	21.14	47	P	P	18 45 26.5	+0.9
PPLA	Purkeypile	21.14	47	P	P	18 45 26.8	+1.3
PPLA	comp=Z,257,SNR=37			S	S	18 49 28.6	+2.3
SKT	Skwentna	21.26	50	P	P	18 45 28.0	+1.4
SKT	comp=Z,184nm,1.1s			IAMB	IAMB	18 45 36.1	
SKT	Skwentna	21.26	50	P	P	18 45 27.2	+0.5
CAST	Castle Rocks	21.31	46	P	P	18 45 28.3	+1.1
BRLL	Bradley Lake	21.31	56	P	P	18 45 26.9	-0.4
BRLL	comp=Z,127nm,0.9s			IAMB	IAMB	18 45 34.8	
CHUM	Lake Minchumir	21.33	44	P	P	18 45 28.6	+1.2
CHUM	comp=Z,254,SNR=79			S	S	18 49 30.1	-0.5
BRSE	Bradley Lake S	21.38	56	P	P	18 45 27.6	-0.4
IMAR	Indian Mountain	21.44	38	P	P	18 45 28.7	+0.2
SUA	Susitna One	21.55	51	P	P	18 45 30.1	+0.2
SUA	comp=Z,108nm,0.7s			IAMB	IAMB	18 45 38.3	
H21K	Melozitna Rive	21.68	40	P	P	18 45 31.6	+0.4
H21K	Melozitna Rive	21.68	40	P	P	18 45 31.6	+0.4
G21K	Allakaket	21.73	37	P	P	18 45 31.9	+0.2
G21K	comp=Z,247			S	S	18 49 46.1	+5.7
I21K	Tanana	21.84	41	P	P	18 45 33.3	+0.4
KTH	Kantishna Hill	21.85	46	P	P	18 45 34.1	+1.1
M22K	Willow	21.88	51	P	P	18 45 33.0	-0.3
CUT	Chulitna	21.91	49	P	P	18 45 34.7	+1.1
O22K	Cooper Landing	21.94	54	P	P	18 45 33.4	-0.6
O22K	Cooper Landing	21.94	54	P	P	18 45 33.6	-0.3
BPAW	Bear Paw Mtn.	21.95	44	P	P	18 45 34.6	+0.6
BPAW	comp=Z,88nm,1.1s			IAMB	IAMB	18 45 42.9	
BPAW	Bear Paw Mtn.	21.95	44	P	P	18 45 34.6	+0.6
RC01	Rabbit Creek A	21.99	52	P	P	18 45 34.9	+0.4
RC01	Rabbit Creek A	21.99	52	P	P	18 45 35.1	+0.6
F21K	Alatna River	22.03	35	P	P	18 45 35.3	+0.3
F21K	comp=Z,245			S	S	18 49 37.8	+1.5
SEW	Seward	22.05	55	P	P	18 45 34.4	-0.7
SEW	comp=Z,162nm,1.1s			IAMB	IAMB	18 45 42.1	
SEW	Seward	22.05	55	P	P	18 45 34.5	-0.6
TRF	Thorofare Moun	22.10	46	P	P	18 45 36.1	+0.3
MLY	Manley	22.30	42	P	P	18 45 37.6	-0.2
MLY	comp=Z,85nm,1.1s			IAMB	IAMB	18 45 47.9	
MLY	Manley	22.30	42	P	P	18 45 38.0	+0.1
MLY	comp=Z,254,SNR=50			S	S	18 49 41.1	-0.2
H22K	Ishlaltina Cre	22.31	39	P	P	18 45 38.0	+0.1
H22K	comp=Z,251			S	S	18 49 41.3	-0.2
PMR	Palmer	22.33	51	P	P	18 45 36.4	-1.7
PMR	Palmer	22.33	51	P	P	18 45 36.4	-1.7
PMR	comp=Z,255nm,0.7s			pmx	pmx		
PMR	Palmer	22.33	51	P	P	18 45 36.1	-2.0
GRNR	Gorny	22.40	280	iP	pmx	18 45 40.5	+1.5
GRNR	comp=N,7.0nm,1.2s			pmx	pmx		
GRNR	comp=Z,20nm,1.2s			MLR	MLR		
GRNR	comp=E,300nm,19.0s			MLR	MLR		
GRNR	comp=N,220nm,17.0s			MLR	MLR		
ERM	Ermo	22.47	254	eP	pmx	18 45 40.4	+0.7
ERM	comp=Z,182nm,1.1s			pmx	pmx		
G22K	Bettles	22.47	254	P	P	18 45 41.5	+1.8
G22K	comp=Z,248			P	P	18 45 40.5	-0.8
KNK	Knik Glacier	22.63	52	P	P	18 45 40.3	-1.1
KNK	Knik Glacier	22.63	52	P	P	18 45 40.2	-1.3
SML	Sawmill	22.73	51	P	P	18 45 41.9	-0.6
SML	Sawmill	22.73	51	P	P	18 45 42.1	-0.4
MCK	McKinley	22.75	46	P	P		

L27K	Beaver Creek, baz=273,SNR=12	25.84	48	P	P	18 46 11.8 +0.1
BCAR	Beaver Creek, baz=267,SNR=44	25.86	48	P	ScP	18 46 10.6 -1.3
C26K	Camden Bay, baz=250	25.98	32	P	P	18 46 13.8 +1.1
CTG	China Glacier, baz=272,SNR=42	26.07	53	P	P	18 46 13.8 -0.1
BVCY	Beaver Creek, baz=270,SNR=7.4	26.27	50	P	P	18 46 16.9 +1.2
C27K	Jago River, baz=252	26.28	33	P	P	18 46 15.5 0.0
YUK3	Moose Creek, baz=271,SNR=35	26.47	51	P	P	18 46 17.0 -0.6
PINM	Pinnacle, baz=275,SNR=10	26.66	55	P	P	18 46 18.7 -0.4
ZEA	Zeya, comp=Z,10.0nm,1.5s	26.90	291	eP	P	18 46 21.3 0.0
ZEA				eS	S	18 47 18.9
ZEA				e	S	18 50 49.7 -6.5
ZEA					pmx	18 51 10.6
ZEA	comp=Z,100nm,4.1s				pmx	18 46 22.3 +0.4
ZEA	comp=N,200nm,3.5s				smx	18 46 22.4 -0.9
ZEA	comp=N,300nm,19.0s				MLR	18 46 25.4 -0.1
ZEA	comp=Z,300nm,20.0s				MLR	18 46 25.6 -1.1
DNW	Dawson, baz=268,SNR=20	26.98	46	P	P	18 46 22.3 +0.4
PALY	Peninsula, baz=276,SNR=8.6	27.13	56	P	P	18 46 22.4 -0.9
YUK4	Talbot Arm, baz=274,SNR=15	27.35	52	P	P	18 46 25.4 -0.1
I29M	Ogilvie Camp, baz=266,SNR=19	27.51	43	P	P	18 46 25.6 -1.1
YUK6	Outpost Mounta, baz=275	27.52	53	P	P	18 46 26.7 -0.4
JSD	Sado, comp=Z,48nm,1.1s	27.90	252	I	I	18 46 30.7 +0.3
HYT	Haines Junction, comp=Z,52nm,0.7s	27.95	53	P	I	18 46 30.7 +0.3
HYT	Haines Junction, baz=276,SNR=75	27.95	53	P	P	18 46 30.6 -0.1
USRK	Ussuriysk Ar., baz=275,SNR=5.3	27.95	269	P	P	18 46 31.2 +0.4
USRK	Ussuriysk Ar., baz=275,SNR=5.3	27.95	269	P	P	18 49 45.2 -0.2
USRK	Ussuriysk Ar., baz=275,SNR=5.3	27.95	269	P	P	18 46 30.9 +0.1
JYT	Yasato, comp=Z,103nm,1.1s	28.05	247	I	I	18 46 32.4 +0.6
N30M	Aishikik Lake, baz=275,SNR=5.3	28.09	52	P	P	18 46 32.9 +0.9
M30M	Minto, Yukon, baz=273	28.16	49	P	P	18 46 31.9 -0.6
M30M	Minto, Yukon, baz=273	28.16	49	P	P	18 46 33.3 +0.8
EPYK	Eagle Plains, baz=266,SNR=24	28.24	41	P	P	18 46 32.8 -0.4
P30M	Million Dollar, baz=277	28.29	54	P	P	18 46 33.2 -0.6
VLA	Vladivostok, comp=Z,45nm,1.2s	28.60	267	d	P	18 46 37.9 +1.3
O30N	Mendenhall, baz=277	28.64	53	P	P	18 46 36.8 0.0
PLBC	Pleasant Camp, baz=279	28.68	56	P	P	18 46 37.0 -0.1
MJAR	Matsushiro Arr, comp=Z,7.8nm,0.8s, baz=58,slow=8.6,SNR=24	28.96	250	P	P	18 46 40.3 +0.4
MJAR	Matsushiro Arr, comp=Z,47nm,21.9s, baz=57,slow=34	28.96	250	P	P	18 57 10.2
MJAR	Matsushiro Arr, comp=Z,7.8nm,0.8s	28.96	250	P	P	18 46 40.3 +0.4
MAJO	Matsushiro Arr, comp=Z,44nm,0.8s	28.96	250	I	I	18 46 42.8
MAJO	Matsushiro Arr, comp=Z,49nm,0.9s	28.96	250	d	P	18 46 41.5 +1.6
MAJO	Matsushiro Arr, comp=Z,49nm,0.9s	28.96	250	P	P	18 46 41.7 +1.8
MAJO	Matsushiro Arr, comp=Z,49nm,0.9s	28.96	250	P	P	18 46 41.6 +1.8
MAJO	Matsushiro Arr, comp=Z,49nm,0.9s	28.96	250	P	P	18 46 49.5 -1.3
MJB9	Matsu-Tunnel, comp=Z,43nm,0.8s	28.96	250	I	I	18 46 40.9 +1.0
MJB9	Matsu-Tunnel, comp=Z,43nm,0.8s	28.96	250	I	I	18 46 42.8
MDJ	Mudanjiang, comp=Z,13nm,0.7s	29.20	272	P	P	18 46 42.3 +0.4
MDJ	Mudanjiang, comp=Z,13nm,0.7s	29.20	272	P	P	18 46 42.3 +0.4
MDJ	Mudanjiang, comp=Z,140nm,3.8s	29.20	272	P	P	18 46 42.2 +0.4
MDJ	Mudanjiang, comp=Z,630nm,16.3s	29.21	56	P	P	18 46 42.6 +0.9
MDJ	Mudanjiang, comp=Z,840nm,20.1s	29.21	56	P	P	18 46 42.6 +0.9
MDJ	Mudanjiang, comp=Z,1.1um,21.5s	29.21	56	P	P	18 46 44.3 +1.6
SKAG	Skagway, baz=260	29.25	53	P	P	18 46 43.4 +1.1
WHY	Whitehorse, baz=278	29.25	53	P	P	18 46 44.3 +1.6
M31M	Drury Creek, Y, baz=276,SNR=8.6	29.30	50	P	P	18 46 45.2 -0.1
INK	Inuvik, comp=Z,10nm,0.6s, baz=269,slow=7.3,SNR=57	29.62	37	P	P	18 46 45.2 -0.1
INK	Inuvik, comp=Z,1.1nm,0.4s, baz=306,slow=2.6,SNR=4.4	29.62	37	P	P	18 49 49.2 0.0
INK	Inuvik, comp=Z,5.3nm,1.0s, baz=270,slow=5.0,SNR=6.6	29.62	37	P	P	18 53 28.3 -0.6
INK	Inuvik, comp=Z,677nm,18.5s, baz=237,slow=40	29.62	37	P	P	19 00 32.6
INK	Inuvik, comp=Z,110nm,0.6s	29.62	37	P	P	18 46 45.3 -0.1
INK	Inuvik, comp=Z,110nm,0.6s	29.62	37	P	P	18 49 49.0 -0.1
INK	Inuvik, comp=Z,110nm,0.6s	29.62	37	P	P	18 53 28.2 -0.6
INK	Inuvik, comp=Z,110nm,0.6s	29.62	37	P	P	18 46 45.2 -0.1
SIT	Sitka, baz=284	29.70	60	P	P	18 46 46.7 +0.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 55.2 -1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 56.8 -2.6
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 41 43.1 -1.3
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 51 57.6 +1.0
BNX	BinXian, comp=Z,43nm,1.2s	29.96	275	P	P	18 46 48.4 -0.2
BNX						

4d 18h

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes entries like X37A Clayton, X37A comp=Z,19nm,0.9s Clayton, X37A comp=Z,18nm,1.0s Shillong, etc.

2016 JUL

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes entries like P49A Miami Univ. Ec, P49A Miami Univ. Ec, N51A Ashland, etc.

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Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes entries like O54A baz=321,SNR=6.3, PSDB Penn State Uni, P53A Whipple, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Soboth, Kovogottos, Sankt Quirin, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Dimbrok, San Ignacio, Santo Antonio, etc.

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

4d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GEC2, GERES, CONRAD, ROSALIA, etc.

IDC 04 19:33:04.4+2.1, 40.08N:69.13E, h0km, mb3.7/3, mbmp3.6/7, ML3.1/4, Error ellipse: s-maj=53.5km

SOME 04 19:33:05.1, 40.15N:69.30E, h10km, KRNET 04 19:33:06.7, 40.17N:69.25E, h16km, mb4.2

NINC 04 19:33:08.7, 40.30N:69.32E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=9.2km s-min=7.7km az=48.0

ISC 04 19:33:05.8, 2.40221N:0.0036932E, h0km, mb3.9, n47, c272/69, mb3.7/3, 23C-4D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAS, BTk, GAR, CHGR, TRKS, IUG, etc.

2016 JUL

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DGS, KST, BTLS, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAP, NSK, YHNB, etc.

IDC 04 19:53:56.8, 0.8, 21.24S:168.62E, h0km, mb4.4/13, mbmp4.4/14, ML3.9/1, MS3.8/41, Error ellipse: s-maj=23.3km s-min=16.7km az=133.0

NOU 04 19:53:56.3, 21.18S:168.71E, h0km, mb4.8/12, Loyalty Islands

NEIC 04 19:53:58.3, 1.8, 21.31S:0.08, 168.63E, h0km, mb4.9/43, Error ellipse: s-maj=13.8km s-min=7.4km az=161.0

GCMT 04 19:54:02.3, 0.3, 21.24S:0.04, 168.62E, h0km, MW4.9/76, Moment Tensor Solution. s21.c23: s76.c18;

ISC 04 19:53:59.7, 0.4, 21.26S:0.07, 168.65E, h0km, n196, c097/167, mb4.9/47, MS3.9/40, az=133.0, Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MARNC, PINNC, QUENC, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations like KRVT, PMG, TOO, STKA, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations like CMAR, KMI, CHTO, BELA, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations like BTNL, MEM, BSI, etc.

NOU 04 19:57:19.6, 16:61S:167:85E, h0km, MLV4.1/4, Vanuatu Islands, Vanuatu Islands

IDC 04 20:09:28.6, 3.9, 20:63S:167:96E, h0km, mb3.6/2, mtbmp3.5/3, ML2.8.1, MS2.9/2, Error ellipse: s-maj=105.2, km s-min=32.8, km s-min=125.0, Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details for stations like DZM, DZM, DZM, etc.

HEL 04 20:10:38.0, 5.67:19N:20:62E, h0km, ML1.6, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details for stations like ERTU, ERTU, ERTU, etc.

HEL 04 20:11:27.6, 0.2, 67:60N:33:91E, h0km, ML1.8, Explosion, Baltic States-Belarus-Western Russia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details for stations like LVZ, LVZ, VRF, etc.

IDC 04 20:22:36.3, 3.5, 20:58S:167:88E, h0km, mb3.9/3, mtbmp3.9/3, MS3.4/1, Error ellipse: s-maj=91.4km s-min=31.2km az=122.0

NOU 04 20:22:43.6, 21:58S:167:93E, h0km, MLV3.2/7, Loyalty Islands

ISC 04 20:22:35.1, 2.0, 21:1S:0:2, 168:6E:0.2, h30km, n13, o120/13, mb3.7/3, Loyalty Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like MARE, PINNAC, YATNC, etc.

IDC 04 20:33:01.0, 2.4, 2.05N, 125.93E, h0km, mb3.4/3, mbmp3.4/3, MS3.8/1, Error ellipse: s-maj=246.9km

DJA 04 20:33:07.4, 0.3, 2.1, N4.1x12.6E, h10km, M3.9/11, mb4.3/2, ML3.7/11

ISC 04 20:33:09.9, 1.2, 2.08N, 126.09E, h0km, h83km, n11, 136/10, mb3.2/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like SSGSI, TMT1, KMSI, etc.

IDC 04 20:40:36.9, 0.7, 31.84S, 67.31E, h0km, mb4.1/11, mbmp4.1/12, ML4.1/11, MS3.6/4, Error ellipse: s-maj=27.1km

NEIC 04 20:40:39.1, 0.7, 31.6S, 67.3E, h0km, mb4.1/11, Error ellipse: s-maj=20.0km

ISC 04 20:40:39.1, 0.7, 31.6S, 67.3E, h0km, n39, 176/28, mb3.3/13, MS3.5/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like FOMA, VOI, ABPO, etc.

NEIC 04 21:01:44.8, 0.4, 35.85N, 101.97W, h2km, 4km, Error ellipse: s-maj=1.9km

ANF 04 21:01:44.1, 0.3, 35.88N, 97.21W, h6km, ML3.0/5, Error ellipse: s-maj=4.2km

TUL 04 21:01:44.1, 0.6, 35.85N, 101.97W, h0km, 4km, ML3.0, mb, Lg2.8/60(NEIC), Error ellipse: s-maj=2.1km

ISC 04 21:01:45.0, 1.0, 35.87N, 102.97W, h5km, 10km, n83, 40/92/91, Oklahoma

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OK029, OK005, OK033, etc.

IDC 04 20:56:23.6, 2.8, 30.19S, 71.74W, h0km, mb3.9/1, mbmp3.8/4, ML3.4/3, Error ellipse: s-maj=108.0km

GUC 04 20:56:28.9, 0.6, 30.09S, 71.56W, h32km, 2km, ML3.9

ISC 04 20:56:28.2, 1.4, 30.01S, 71.57W, h13km, 10km, n83, 40/92/91, Oklahoma

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like n27, r111/36, 3C-3D, etc.

AC04 LANOS de Chal Catapilco 1.85 14 eP Pn 20 56 59.1 -0.6

GO03 Copiap 2.68 26 eP Pn 20 57 11.2 +0.1

SA03 San Esteban 2.88 163 eP Pn 20 57 14.8 +0.8

ROCH El Roble 2.99 171 eP Ss 20 57 14.9 -0.6

PEL Peidehue 3.21 167 eP Ss 20 57 18.8 +0.3

MT02 Curacav 3.26 174 eP Pn 20 57 18.0 -1.0

MT05 Rencca 4.34 168 eP Ss 20 57 21.8 +0.1

MT09 Talagante 3.79 173 eP Pn 20 57 25.9 -0.5

H03N1 Juan Fernandez 7.12 239 T T 21 05 28.3

H03N2 Juan Fernandez 7.14 240 T T 21 05 26.8

H03N3 Juan Fernandez 7.14 239 T T 21 05 26.4

LVC Limon Verde 7.75 19 Pn 20 58 18.7 -2.4

LPAZ La Paz 14.02 14 Pn 20 59 48.8 +1.6

SIV San Ignacio 16.96 37 P Pn 21 00 25.2 -0.2

TORD Torodi Ar. Bea 82.49 70 P P 21 08 49.5 -1.5

H11S2 WAKE ISLAND Hy26.15 272 T T 23 34 11.7

H11S1 WAKE ISLAND Hy26.15 272 T T 23 34 18.1

H11S3 WAKE ISLAND Hy26.15 272 T T 23 34 18.1

ZALV Zalesovo Beam 150.29 PKPbc PKPdf 21 16 15.6 +1.6

ZALV Zalesovo Beam 150.29 PKPab PKPab 21 16 26.2 0.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OK029, OK005, OK033, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OKCSW, OK031, OK030, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OK032, OK033, OKAN14, etc.

ISC 04 21:02:36.7, 1.2, 39.39N, 103.73E, h15km, 7km, n81, 28/40/243, mb, 0.20, 29C-36Z, Tajikistan-Xinjiang border region

DRK Karamyk 1.04 275 Pn 21 02 56.0 -0.7

DRK Karamyk 1.04 275 Sg Pn 21 02 57.5 +0.4

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OK035, OKAN06, OKAN08, etc.

R32A Long Quarter, Z38A Mt. Pleasant 2.81 336 Pn 21 02 30.8 +0.1

KSU1 Kansas State U 3.27 9 Pn 21 02 36.8 -0.1

KSU1 Kansas State U 3.27 9 P 21 02 36.7 -0.1

MIAR Mount Ida 3.27 113 Pn 21 02 36.9 0.0

CBKS Cedar Bluff 3.56 327 Iamb_Lg 21 03 46.6

S39A Bolivar 3.63 59 Pn Pn 21 02 41.6 -0.3

AMTX Amarillo 3.77 256 Pn Pn 21 02 44.5 +0.7

WHAR Woolly Woolf 4.07 97 Pn Pn 21 02 47.5 -0.4

FCAR Ozark Folk Cen 4.15 88 Pn 21 02 48.2 -0.7

MGMO Mountain Grove 4.20 71 Pn Iamb_Lg 21 02 49.3 -0.4

R40A Maddies Station 4.65 57 Pn Iamb_Lg 21 02 55.4 -0.5

P38A Dawn 4.76 37 Pn Pn 21 02 57.6 +0.2

MSTX Muleshoe 4.93 249 Pn Pn 21 02 57.6 -2.3

LCAR Lake Charles 4.93 86 Pn Iamb_Lg 21 02 59.6 -0.1

JARrell 5.08 183 Iamb_Lg 21 04 23.4

N35A Tabor 5.14 14 Iamb_Lg 21 04 35.2

CCM Cathedral Cave 5.27 64 Iamb_Lg 21 04 32.6

KSCO Kaye Redlock 5.32 308 Iamb_Lg 21 04 45.0

PBMO Poplar Bluff 5.57 79 Iamb_Lg 21 04 44.9

JCT Junction City 5.79 203 Iamb_Lg 21 04 56.1

FVM French Village 5.85 67 Iamb_Lg 21 04 54.1

T25A Trinidad 5.92 284 Pn Pn 21 03 12.9 -0.6

T25A Trinidad 5.92 284 Pn Pn 21 03 12.5 -0.3

SLM Saint Louis 6.23 62 Iamb_Lg 21 05 00.6

CGM3 Cape Girardeau 6.26 75 Iamb_Lg 21 05 03.3

OGNE Onondaga 6.32 325 Iamb_Lg 21 05 11.4

S44A Carbondale 6.66 72 Iamb_Lg 21 05 17.2

T45A Tipton 7.02 78 Iamb_Lg 21 05 33.3

Q24A Divide 7.02 298 Iamb_Lg 21 05 39.8

L40A Anamosa 7.76 35 Iamb_Lg 21 06 01.5

PHWY Pilot Hill 8.42 313 Iamb_Lg 21 06 18.9

N23A Red Feather La 8.48 309 Iamb_Lg 21 06 19.0

JFWS Jewell Farm 8.87 35 Iamb_Lg 21 06 26.1

IDC 04 21:02:32.9, 1.0, 39.38N, 103.73E, h0km, mb3.8/12, mbmp3.8/18, ML3.0/6, MS3.0/3, Error ellipse: s-maj=17.9km

ISU 04 21:02:33.2, 39.50N, 73.34E, h1km, BUJ 04 21:02:34.9, 0.0, 39.13N, 73.32E, h5km, mb4.1/6, mb4.7/3, ML3.7/2, Ms3.9/2, Ms7.3/5/2

SOME 04 21:02:34.5, 39.57N, 73.38E, h0km, KRNET 04 21:02:35.1, 0.1, 39.44N, 73.24E, h17km, mb4.3

NINC 04 21:02:39.0, 1.4, 39.68N, 73.41E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=11.3km

MOS 04 21:02:39.6, 0.9, 39.53N, 73.16E, h32km, mb4.1/6, Error ellipse: s-maj=7.0km

NEIC 04 21:02:40.9, 2.6, 39.60N, 106.73E, h2km, 7km, mb4.3/12, Error ellipse: s-maj=9.3km

ISC 04 21:02:36.7, 1.2, 39.39N, 103.73E, h15km, 7km, n81, 28/40/243, mb, 0.20, 29C-36Z, Tajikistan-Xinjiang border region

TRKS	Terek-Say	2.62 325	U/P	Pn	21 03 19.8	+1.0
TRKS	Terek-Say	2.62 325	I/PN	Sn	21 03 52.2	+1.7
TRKS	Terek-Say	2.62 325	i/S	Pn	21 03 19.8	+1.0
TRKS	Terek-Say	2.62 325	i/S	Pn	21 03 52.2	+1.7
AML	Almayashu	2.77 9	P	Pn	21 03 22.1	+1.1
AML	Almayashu	2.77 9	i/PN	Pn	21 03 22.0	+1.1
AML	Almayashu	2.77 9	i/S	Pn	21 03 56.3	+2.0
UCH	Uchtor	3.02 20	P	Pn	21 03 25.1	+0.7
UCH	Uchtor	3.02 20	I/P	Pn	21 03 25.1	+0.7
UCH	Uchtor	3.02 20	I/P	Pn	21 03 25.1	+0.7
UCH	Uchtor	3.02 20	i/PN	Pn	21 03 25.1	+0.7
UCH	Uchtor	3.02 20	i/S	Pn	21 04 01.9	+1.4
CHGR	Chuyangaron	3.19 258	I/P	Sb	21 03 09.2	-2.7
CHGR	Chuyangaron	3.19 258	Pn	Pb	21 03 30.4	-2.8
CHGR	Chuyangaron	3.19 258	Pn	Pb	21 03 30.4	-2.8
CHGR	Chuyangaron	3.30 8	P	Pn	21 03 29.8	+1.8
EKS2	Erkin-Say	3.30 8	I/P	Pn	21 03 29.1	+1.1
EKS2	Erkin-Say	3.30 8	i/S	Pn	21 04 08.6	+1.5
EKS2	Erkin-Say	3.30 8	i/PN	Pn	21 03 29.1	+1.1
MRKS	Merke	3.35 1	eP	Sb	21 03 33.5	-2.4
MRKS	Merke	3.35 1	eS	Sb	21 04 15.9	-0.5
MRKS	Merke	3.35 1	Pg	Pb	21 03 32.4	-3.5
MRKS	Merke	3.35 1	Lg	Lg	21 04 16.4	
AAK	Ala-Archa	3.40 17	P	Pn	21 03 31.0	+1.6
AAK	Ala-Archa	3.40 17	Pn	Pn	21 03 30.8	+1.4
AAK	Ala-Archa	3.40 17	Pn	Pn	21 04 12.1	+2.6
AAK	Ala-Archa	3.40 17	Pn	Pn	21 04 20.7	
AAK	Ala-Archa	3.40 17	I/P	Pn	21 03 30.3	+0.9
AAK	Ala-Archa	3.40 17	I/S	Pn	21 04 10.8	+1.3
AAK	Ala-Archa	3.40 17	Pn	Pn	21 03 30.6	+1.2
AAK	Ala-Archa	3.40 17	i/PN	Pn	21 03 31.1	+1.6
TAS	Tashkent	3.52 304	I/P	Pn	21 03 33.4	+2.5
TAS	Tashkent	3.52 304	I/S	Pn	21 04 16.0	+3.8
TAS	Tashkent	3.52 304	i/PN	Pn	21 03 33.4	+2.5
TAS	Tashkent	3.52 304	i/S	Pn	21 03 33.2	+0.9
TAS	Tashkent	3.52 304	i/S	Pn	21 04 14.0	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 03 32.2	+0.9
TAS	Tashkent	3.52 304	i/S	Pn	21 04 14.0	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 03 34.2	+2.2
TAS	Tashkent	3.52 304	i/S	Pn	21 03 34.2	+2.2
TAS	Tashkent	3.52 304	i/S	Pn	21 03 43.1	-3.1
TAS	Tashkent	3.52 304	i/S	Pn	21 04 32.2	-1.0
TAS	Tashkent	3.52 304	i/S	Pn	21 03 39.2	-2.7
TAS	Tashkent	3.52 304	i/S	Pn	21 03 34.3	+0.8
TAS	Tashkent	3.52 304	i/S	Pn	21 04 17.5	+0.6
TAS	Tashkent	3.52 304	i/S	Pn	21 03 34.3	+0.8
TAS	Tashkent	3.52 304	i/S	Pn	21 04 17.5	+0.6
TAS	Tashkent	3.52 304	i/S	Pn	21 03 35.0	+0.8
TAS	Tashkent	3.52 304	i/S	Pn	21 03 35.9	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 04 20.3	+1.0
TAS	Tashkent	3.52 304	i/S	Pn	21 03 35.9	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 04 20.3	+1.0
TAS	Tashkent	3.52 304	i/S	Pn	21 03 36.0	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 03 36.0	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 03 29.9	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 04 29.9	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 03 38.7	+1.1
TAS	Tashkent	3.52 304	i/S	Pn	21 04 25.2	+0.9
TAS	Tashkent	3.52 304	i/S	Pn	21 03 41.8	+1.5
TAS	Tashkent	3.52 304	i/S	Pn	21 03 41.8	+1.5
TAS	Tashkent	3.52 304	i/S	Pn	21 03 42.8	+2.4
TAS	Tashkent	3.52 304	i/S	Pn	21 04 32.6	+3.4
TAS	Tashkent	3.52 304	i/S	Pn	21 04 46.9	
TAS	Tashkent	3.52 304	i/S	Pn	21 03 42.3	+2.0
TAS	Tashkent	3.52 304	i/S	Pn	21 04 31.4	+2.2
TAS	Tashkent	3.52 304	i/S	Pn	21 03 41.5	+1.2
TAS	Tashkent	3.52 304	i/S	Pn	21 03 41.5	+1.2
TAS	Tashkent	3.52 304	i/S	Pn	21 03 48.7	-1.8
TAS	Tashkent	3.52 304	i/S	Pn	21 04 42.6	+1.5
TAS	Tashkent	3.52 304	i/S	Pn	21 03 47.9	-2.6
TAS	Tashkent	3.52 304	i/S	Pn	21 04 43.3	
TAS	Tashkent	3.52 304	i/S	Pn	21 03 50.3	-0.5
TAS	Tashkent	3.52 304	i/S	Pn	21 04 44.5	+3.0
TAS	Tashkent	3.52 304	i/S	Pn	21 03 49.0	-1.8
TAS	Tashkent	3.52 304	i/S	Pn	21 04 44.6	
TAS	Tashkent	3.52 304	i/S	Pn	21 03 42.0	+0.7
TAS	Tashkent	3.52 304	i/S	Pn	21 04 30.9	0.0
TAS	Tashkent	3.52 304	i/S	Pn	21 03 45.5	+4.2
TAS	Tashkent	3.52 304	i/S	Pn	21 03 45.5	+4.2
TAS	Tashkent	3.52 304	i/S	Pn	21 03 54.5	+0.6
TAS	Tashkent	3.52 304	i/S	Pn	21 03 51.7	-6.5
TAS	Tashkent	3.52 304	i/S	Pn	21 03 54.7	-0.4
TAS	Tashkent	3.52 304	i/S	Pn	21 04 52.3	+3.3

MTBS	Maitube	4.48 32	Pg	Pb	21 03 53.7	-1.4
MTBS	Maitube	4.48 32	Lg	Lg	21 04 53.0	
TNSS	Tian-Shan	4.63 37	eP	Pb	21 03 58.0	0.0
TNSS	Tian-Shan	4.63 37	eS	Sb	21 04 57.9	+4.2
TNSS	Tian-Shan	4.63 37	Pg	Pb	21 03 56.1	-1.8
TNSS	Tian-Shan	4.63 37	Lg	Lg	21 04 58.0	
AAA	Alma-Ata	4.75 35	eP	Pb	21 04 00.1	+0.2
AAA	Alma-Ata	4.75 35	eS	Sb	21 05 02.1	+5.3
AAA	Alma-Ata	4.75 35	Pg	Pb	21 03 59.7	-0.1
AAA	Alma-Ata	4.75 35	Lg	Lg	21 05 02.7	
MDOK	Medeo	4.78 37	PN	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	eP	Pb	21 03 59.9	-0.4
MDOK	Medeo	4.78 37	eS	Sb	21 05 01.6	+3.9
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 05 01.6	+3.9
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4.78 37	Lg	Lg	21 05 01.3	
MDOK	Medeo	4.78 37	Pn	Pn	21 03 49.7	+1.3
MDOK	Medeo	4.78 37	Pg	Pb	21 03 58.8	-1.5
MDOK	Medeo	4				

GUC 04 23:02:24.0,0.5,207.715:69.13W,h90km,3m,ML5.0
ISC 04 23:02:33.0,3.0,207.695:0.02:69.12W,0.04,h94km,2,kmh,
h94km:pp-P,n223,r126/262,mb4.7/44,20C-9D,Northern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations including IPOC Station P, Humberton, Punta Patache, and others.

Table with columns: ETMB, Extrema, Time, Res, Pn. Lists seismic events with details like magnitude (e.g., 11.16, 15 eP) and station names (e.g., Nana, NNA).

Table with columns: P49A, Miami Univ. Ec, Time, Res, ISC. Lists seismic stations and events, including stations like P49A, P49A, O53A, and events with magnitudes and station names.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations in Northern Colombia, including BARC, BARRC, and others.

mbmp4.1/23,ML3.5/3,MS3.3/25,Error ellipse:
 s-maj=18.3km s-min=13.8km az=150.0
 NIED 04 23:35:50.4,46.79N,153.22E,h30km,MW4.1,Moment
 Tensor Solution. s3 Moment tensor: Scale 10¹⁵Nm;
 Mn=0.56; Mw=1.70; Ms=1.14; Mo=0.05; Mxo=0.08; Mzo=0.61;
 Fault plane solution: Mo:1.62000x10¹⁵ NP1:
 o=129.00000°,s=67.00000°,λ=157.00000° NP2:
 o=129.00000°,s=68.00000°,λ=157.00000°
 NEIC 04 23:35:51.9,3.0,46.77N,153.22E,0.1,h35km,2km,
 mb4,4/47 Error ellipse: s-maj=18.2km s-min=11.1km
 az=145.0
 MOS 04 23:35:51.5,1.1,46.75N,152.94E,h51km,mb4.6/8,Error
 ellipse: s-maj=10.0km s-min=6.7km az=78.2
 SKHL 04 23:35:53.7,0.5,46.80N,152.90E,h66km,3km,mb4.7/6
 ISC 04 23:35:53.0,0.5,46.78N,152.91E,0.06,h56km,n213,
 o126/200,mb4.3/60,MS3.6/19,16C-21D,Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KUR	Kuril'sk	3.88	248	ePn	23 36 51.4	+0.9
KUR	Kuril'sk	eS	Sn	pmax	23 37 37.6	+2.9
KUR	comp=Z,164nm,0.4s			pmax		
KUR	comp=N,99nm,0.5s			pmax		
KUR	comp=E,43nm,0.4s			smax		
KUR	comp=N,459nm,0.5s			smax		
KUR	Kuril'sk	3.88	248	ePn	23 36 50.6	+0.1
KUR	Kuril'sk	eAMB	AMB		23 36 53.4	
KUR	comp=E,160nm,0.4s			eS	23 37 32.2	-2.5
KUR	Kuril'sk	eS	Sn	A	23 37 58.2	
KUR	comp=E,460nm,0.5s			A	23 37 58.2	
KUR	comp=E,150nm,0.5s			A	23 37 58.2	
SKR	Severo-Kuril's	4.43	27	ePn	23 36 59.9	+1.9
SKR	Severo-Kuril's	ePn	pmax			
SKR	comp=Z,38nm,0.4s			MLR		
SKR	Severo-Kuril's	4.43	27	ePn	23 36 58.4	+0.4
SKR	Severo-Kuril's	eAMB	AMB		23 37 00.3	
SKR	comp=Z,40nm,0.4s			eS	23 37 46.5	-1.7
SKR	Severo-Kuril's	eS	Sn	A	23 37 57.7	
SKR	comp=Z,210nm,0.4s			A	23 37 57.7	
SHO	Shikotan	5.21	238	ePn	23 37 06.9	-1.9
SHO	Shikotan	ePn	AMB		23 37 10.3	-0.8
SHO	Shikotan	eAMB	AMB		23 37 10.3	
SHO	comp=Z,60nm,0.7s			eS	23 38 04.3	-3.3
SHO	Shikotan	eS	A		23 38 08.8	
SHO	comp=Z,110nm,0.6s			A	23 38 08.8	
PAU	Pauzhetka	5.33	27	ePn	23 37 10.9	+0.6
PAU	Pauzhetka	eAMB	AMB		23 37 12.8	
PAU	comp=Z,20nm,0.3s			eS	23 38 07.9	-2.4
PAU	Pauzhetka	eS	A		23 38 10.5	
PAU	comp=Z,200nm,0.3s			A	23 38 10.5	
YUK	Yuzh-Kuril'sk	5.71	244	ePn	23 37 16.9	+1.4
YUK	Yuzh-Kuril'sk	eAMB	AMB		23 37 19.8	
YUK	comp=Z,110nm,0.4s			eS	23 38 18.1	-1.6
YUK	Yuzh-Kuril'sk	eS	A		23 38 26.5	
YUK	comp=Z,260nm,0.6s			A	23 38 26.5	
YUK	comp=Z,470nm,0.6s			A	23 38 26.5	
NMR	Nemuro-Hokkai	6.16	239	ePn	23 37 20.2	-1.5
NMR	Nemuro-Hokkai	eS	Sn		23 37 27.4	-3.3
AKK	Akkeshi	6.89	240	ePn	23 37 21.0	-0.7
AKK	Akkeshi	ePn	Pn		23 37 32.6	-0.7
YSS	Yuzh-Sakhalins	7.01	275	ePn	23 37 35.8	+2.5
YSS	Yuzh-Sakhalins	ePn	pmax			
YSS	comp=Z,30nm,0.9s			MLR		
YSS	Yuzh-Sakhalins	7.01	275	ePn	23 37 34.1	+0.8
YSS	Yuzh-Sakhalins	eAMB	AMB		23 37 41.4	
PEA0B	Petropavlovsk-k	7.03	24	Pn	23 37 34.3	+0.6
PEA0B	Petropavlovsk-k	7.03	241	ePn	23 37 34.4	+0.7
PETK	Petropavlovsk-k	7.03	241	ePn	23 37 34.4	+0.7
PETK	Petropavlovsk-k	comp=Z,0.9nm,0.3s,baz=186,slow=14,SNR=8.1		Sn	23 39 02.4	+1.0
PETK	Petropavlovsk-k	comp=Z,0.3nm,0.3s,baz=190,slow=21,SNR=1.8		LR	23 39 46.6	
PETK	Petropavlovsk-k	comp=Z,38nm,21.1s,baz=208,slow=64		LR	23 39 46.6	
PETK	Petropavlovsk-k	7.03	24	Pn	23 37 33.8	+0.1
PETK	Petropavlovsk-k	7.03	24	Pn	23 37 33.8	+0.1
PET	Petropavlovsk-k	7.25	28	eS	23 38 54.7	-2.7
ERM	Erimo	8.48	239	Pn	23 37 53.7	+0.1
ERM	Erimo	8.48	239	Pn	23 37 53.1	-0.5
NKL	Nikolayevsk	10.16	313	ePn	23 38 12.6	-3.8
NKL	Nikolayevsk	ePn	pmax			
NKL	comp=N,596nm,1.0s			pmax		
NKL	comp=E,16nm,1.3s			pmax		
NKL	comp=Z,233nm,1.3s			MLR		
NKL	comp=E,77nm,10.0s			MLR		
NKL	comp=N,44nm,11.0s			MLR		
NKL	comp=Z,129nm,14.0s			MLR		
NKL	Nikolayevsk	10.16	313	ePn	23 38 16.1	-0.3
NKL	Nikolayevsk	eAMB	AMB		23 38 18.2	
JTM	Temnabayashi	10.48	239	Pn	23 38 18.4	-2.5
MA2	Magadan	12.89	355	Pn	23 38 54.3	+0.7
MA2	Magadan	comp=Z,6.2nm,0.4s,baz=159,slow=14,SNR=2.1		LR	23 43 20.0	
MA2	Magadan	comp=Z,7.0nm,20.8s,baz=137,slow=35		LR	23 43 20.0	
MA2	Magadan	12.89	355	Pn	23 38 54.1	+0.4
MA2	Magadan	14.41	288	Pn	23 39 13.5	-0.7
KLR	Kuril'sk	comp=Z,0.2nm,0.3s,baz=78,slow=14,SNR=2.0		LR	23 45 07.8	
SHEM	Shemya Is, Ala	14.87	59	Pn	23 39 17.8	-2.3
SHEM	Shemya Is, Ala	comp=Z,1.6nm,0.3s,baz=295,slow=14,SNR=5.1		LR	23 44 01.6	
SHEM	Shemya Is, Ala	comp=Z,32nm,21.1s,baz=261,slow=33		LR	23 44 01.6	
SMY	Shemya	14.87	59	Pn	23 39 17.8	-2.3
SMY	Shemya	14.87	59	Pn	23 39 17.8	-2.3
SMY	Shemya Ar.	14.94	268	Pn	23 39 19.1	-2.0
SMY	Shemya Ar.	comp=Z,0.5nm,0.3s,baz=75,slow=14,SNR=3.4		Pn	23 39 19.9	-2.0
SMY	Shemya Ar.	comp=Z,3.7nm,0.7s		Pn	23 39 19.9	-2.0
USRK	Ussuriysk Arr	14.94	268	Pn	23 39 19.9	-2.0
USRK	Ussuriysk Arr	15.42	268	Pn	23 39 19.9	-2.0
MJAR	Matsushiro Arr	15.02	232	Pn	23 39 20.6	-1.6
MJAR	Matsushiro Arr	comp=Z,0.1nm,0.3s,baz=33,slow=11,SNR=2.0		LR	23 44 43.2	
MJAR	Matsushiro Arr	comp=Z,62nm,22.0s,baz=56,slow=36		LR	23 44 43.2	
MJAR	Matsushiro Arr	15.02	232	Pn	23 39 20.1	-2.1
MJB9	Matsu-Tunnel	15.02	232	Pn	23 39 20.8	-1.4
MJB9	Matsu-Tunnel	comp=Z,8.7nm,0.7s		IAMB	23 39 41.0	
MAJO	Matsushiro	15.02	232	Pn	23 39 21.0	-1.2
MAJO	Matsushiro	comp=Z,8.9nm,0.7s		IAMB	23 39 41.0	
MAJO	Matsushiro	15.02	232	ePn	23 39 20.7	-1.5
MAJO	Matsushiro	comp=Z,25nm,1.6s		pmax		
JGF	Kuroka	16.18	232	Pn	23 39 35.8	-1.3
SEY	Seymchan	16.20	359	LR	23 45 25.9	
YAK	Yakutsk	20.25	327	LR	23 48 18.4	
YAK	Yakutsk	comp=Z,2.7nm,18.3s,baz=88,slow=37		Pn	23 40 31.1	-0.7
KSRS	Korea Array	20.71	252	Pn	23 47 23.2	
KSRS	Korea Array	comp=Z,3.4nm,0.7s,baz=50,slow=10,SNR=8.5		LR	23 47 23.2	
KSRS	Korea Array	comp=Z,39nm,20.0s,baz=50,slow=34		LR	23 47 23.2	

JNU	Nakatsue	21.65	239	P	IAMB	IAMB	23 40 39.2	+0.1
JNU	Nakatsue	comp=Z,1.8nm,1.2s					23 40 50.4	
H1N1	WAKE ISLAND Hy	29.29	152	T	T	T	00 13 13.1	
H1N1	WAKE ISLAND Hy	comp=Z,340,slow=76,SNR=291					00 13 14.1	
H1N1	WAKE ISLAND Hy	29.29	152	T	T	T	00 13 17.5	
H1N1	WAKE ISLAND Hy	comp=Z,340,slow=76,SNR=291					23 41 53.1	-2.8
NJ2	Nanjing	29.21	253	eP	P	pmax	23 41 53.1	-2.8
NJ2	Nanjing	comp=Z,9.0nm,0.5s					23 41 58.7	+0.2
HHC	Hu-ho-hao-te	30.19	274	eP	P	pmax	23 41 58.7	+0.2
HHC	Hu-ho-hao-te	comp=Z,15nm,1.0s						
HHC	Hu-ho-hao-te	comp=Z,200nm,6.9s						
H1S1	WAKE ISLAND Hy	30.38	154	T	T	T	00 14 40.3	
H1S3	WAKE ISLAND Hy	30.38	154	T	T	T	00 14 38.6	
H1S3	WAKE ISLAND Hy	comp=Z,341,slow=76,SNR=227					00 14 39.1	
H1S2	WAKE ISLAND Hy	30.38	154	T	T	T	00 14 39.1	
H1S2	WAKE ISLAND Hy	comp=Z,341,slow=76,SNR=227					23 42 08.4	+0.8
SOMN	Songino Array	31.23	289	P	P	P	23 42 08.4	+0.8
SOMN	Songino Array	comp=Z,0.3nm,0.3s,baz=86,slow=9,1,SNR=2.0					23 55 33.6	
SOMN	Songino Array	comp=Z,87nm,19.1s,baz=84,slow=38					23 55 33.6	
SOMN	Songino Array	comp=Z,3.3nm,0.3s					23 42 15.5	
K20K	Telida	33.38	41	P	P	P	23 42 28.6	+2.5
J20K	Noviota River	33.42	39	P	P	P	23 42 28.2	+1.9
J20K	Noviota River	comp=Z,5.5nm,1.4s					23 42 45.3	
IMAR	Indian Mountain	33.80	36	P	P	P	23 42 29.7	+0.1
H21K	Melozitna Rive	34.15	37	P	P	IAMB	23 42 34.9	
H21K	Melozitna Rive	comp=Z,3.5nm,0.8s					23 42 40.2	+1.9
BPAW	Bear Paw Mtn	34.80	40	P	P	P	23 42 40.2	+1.9
MLY	Manley	34.95	38	P	P	P	23 42 41.2	+1.5
COLD	Coldfoot	35.37	34	P	P	IAMB	23 42 44.9	
COLD	Coldfoot	comp=Z,2.8nm,0.6s					23 42 44.9	+0.6
XAN	Xi'an	35.42	265	P	P	pP	23 42 49.1	-8.4
XAN	Xi'an	comp=Z,9.0nm,0.8s					23 42 46.1	+1.7
H23K	Yukon River	35.50	37	P	P	IAMB	23 42 47.1	
H23K	Yukon River	comp=Z,2.7nm,0.8s					23 42 45.8	+0.2
NEA2	Nenana	35.65	39	P	P	IAMB	23 42 50.2	
NEA2	Nenana	comp=Z,3.1nm,0.8s					23 42 50.9	+0.8
COLA	College	36.18	38	P	P	pmax	23 42 51.7	+1.4
COLA	College	comp=Z,4.0nm,0.8s					23 42 52.5	
H24K	Noodor Dome	36.19	37	P	P	IAMB	23 42 51.7	+1.4
H24K	Noodor Dome	comp=Z,7.5nm,1.4s					23 42 52.5	
POKR	Poker Plat Res	36.36	38	P	P	IAMB	23 42 52.9	+1.2
POKR	Poker Plat Res	comp=Z,6.1nm,0.8s					23 42 54.8	+1.3
IL31	Eielson Array	36.59	39	P	P	P	23 42 54.8	+1.3
ILAR	Eielson Array	36.59	39	P	P	P	23 42 53.9	+0.3
ILAR	Eielson Array	comp=Z,1.1nm,0.9s,baz=284,slow=7.3,SNR=12					23 58 40.0	
ILAR	Eielson Array	comp=Z,33nm,18.7s,baz=312,slow=38				</		

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PVIS, MVO, TTIG, PVRL, POLO, etc.

TAP 05:00:18:19.4,24:13N,121:55E, h49km, ML2.0, B, Taiwan

Main table for TAP 05:00:18:19.4,24:13N,121:55E, h49km, ML2.0, B, Taiwan. Columns: Code, Station Name, Az, Phase, ID, Time, Res.

JMA 05:00:18:36.7,0.1,24:30N,123:9E,0.2, h7km,1km, MV1.9/9, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table for JMA 05:00:18:36.7,0.1,24:30N,123:9E,0.2, h7km,1km, MV1.9/9, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands.

TUL 05:00:51:47.7,0.6,35:85N,0:01:97:23W,0:01, h6km,3km, ML2.6, mb_Lg2.3/24(NEIC), Error ellipse: s-maj=1.8km s-min=1.3km az=137.0

Table for TUL 05:00:51:47.7,0.6,35:85N,0:01:97:23W,0:01, h6km,3km, ML2.6, mb_Lg2.3/24(NEIC), Error ellipse: s-maj=1.8km s-min=1.3km az=137.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OKK34, OKCFA, OKCFA, OKCWS, etc.

IDC 05:01:04:33.7,1.4,11:45N,87:22W, h0km, mb3.8/4, mbmp3.8/5, ML3.8/1, Error ellipse: s-maj=158.1km s-min=20.8km az=48.0

UCR 05:01:04:33.8,2.8,11:72N,87:53W, h35km,999km, mb4.2(NEIC)

INET 05:01:04:37.4,1.0,11:67N,87:16W, h15km,900km, MW3.8, NEIC 05:01:04:37.9,1.6,11:71N,0:04:87:08W,0:03, h27km,8km, mb4.2/5, Error ellipse: s-maj=6.8km s-min=2.6km az=210.0

ISC 05:01:04:37.5,1.5,11:68N,0:03:87:12W,0:05, h28km,12km, n53, r141/69, mb4.1/6, Near coast of Nicaragua

Main table for ISC 05:01:04:37.5,1.5,11:68N,0:03:87:12W,0:05, h28km,12km, n53, r141/69, mb4.1/6, Near coast of Nicaragua. Columns: Code, Station Name, Az, Phase, ID, Time, Res.

comp=2.2,8nm,0.7s,baz=140,slow=10,SNR=24

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TXAR, TX31, TX32, etc.

IDC 05:01:23:12.0,1.3,22:09S,175:34W, h0km, mb4.2/5, mbmp4.2/5, MS3.5/3, Error ellipse: s-maj=44.4km s-min=36.1km az=140.0

NEIC 05:01:23:21.7,1.2,22:9S,0:2:174:3W,0:2, h30km, n21, az=139.0

ISC 05:01:23:14.6,1.0,23:0S,0:2:174:3W,0:2, h30km, n21, r156/20, mb4.3/9, Tonga Islands region

Main table for ISC 05:01:23:14.6,1.0,23:0S,0:2:174:3W,0:2, h30km, n21, r156/20, mb4.3/9, Tonga Islands region. Columns: Code, Station Name, Az, Phase, ID, Time, Res.

INET 05:01:29:49.6,1.1,11:51N,88:48W, h15km,13km, MW4.1, Fault plane solution: NP1, phi=160.00000, delta=67.00000, tau=7.1700000

UCR 05:01:29:07.0,0.3,11:12N,87:49W, h15km, n23, ISC 05:01:29:55.2,5.5,11:76N,0:06:88:1W,0:1, h10km, n23, r192/25, 8C-1D, Off coast of central America

Main table for UCR 05:01:29:07.0,0.3,11:12N,87:49W, h15km, n23, ISC 05:01:29:55.2,5.5,11:76N,0:06:88:1W,0:1, h10km, n23, r192/25, 8C-1D, Off coast of central America. Columns: Code, Station Name, Az, Phase, ID, Time, Res.

NEIC 05:01:36:54.3,0.5,37:37N,0:03:98:21W,0:01, h6km,7km, mb1.2/2.6/49, Error ellipse: s-maj=4.6km s-min=1.6km az=174.0, Kansas

Main table for NEIC 05:01:36:54.3,0.5,37:37N,0:03:98:21W,0:01, h6km,7km, mb1.2/2.6/49, Error ellipse: s-maj=4.6km s-min=1.6km az=174.0, Kansas. Columns: Code, Station Name, Az, Phase, ID, Time, Res.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OK033 Mehan, QUOK Quay, OK031 S. Brethren Rd, etc.

NNC 05 01:47:11.7...0.5, 49'40N, 77.98E, h4km, 5km, mb3.7, mpv3.4, 17K-9D, Error ellipse: s-maj=5.3km s-min=2.0km az=96.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, KUR16 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BVAO 20nm,0.9s, PDGK Podgornoye, PDGK Podgornoye, etc.

NEIC 05 01:47:27.4...0.7, 37'35N, 102.9820W, 0.02, h5km, 2km, mbLg2.8/66, Error ellipse: s-maj=4.0km s-min=3.1km az=36.0, Kansas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KAN16 Harper SW Sta, KAN16 Harper NE Sta, KAN12 Harper NE Sta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like K38A Parkersburg, CGM3 Cape Girardeau, N23A Red Feather La, etc.

IDC 05 02:19:29.1...9.7, 23'45S, 179.99E, h590km, 109km, mb2.7/4, mbtmp3.6/4, Error ellipse: s-maj=57.7km s-min=38.1km az=42.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, QSPA South Pole Qui, etc.

SJA 05 02:28:59.4...0.8, 20'20S, 71.08W, h13km, 3km, ML4.8, MW4.9

IDC 05 02:29:02.0...2.0, 4.19, 99S, 70.63W, h0km, mb4.7/19, mbmp4.1/21, ML4.6/2, MS4.3/48, Error ellipse: s-maj=17.2km s-min=10.1km az=74.0

NEIC 05 02:29:02.1...8.2, 20'19S, 0.04, h11km, 3km, mb5.1/379, Mwr5.0/58, Mww5.1, Mwv5.0(GUC), Error ellipse: s-maj=7.0km s-min=5.0km az=223.0

GUC 05 02:29:03.9...0.9, 20'16S, 71.01W, h30km, 4km, ML4.9

VAO 05 02:29:03.5...0.3, 20'12S, 70.79W, h11km, mb4.8

NEIC 05 02:29:03.9...2.0, 18S, 70.90W, h14km, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; M2.66; Mw0.36; Mw-3.02; Mw0.72; Mw0.68; Mw-2.37; Fault plane solution: Ms3.84000, 1016 NP1:354.52000, 325.09000, 198.88000, NP2:164.73000, 865.23000, 185.87000, Principal axes: T 3.5811, Plg69.0000, Azm66.0000; N 0.4761, Plg4.0000, Azm166.0000; P -4.0572, Plg20.0000, Azm258.0000

NEIC 05 02:29:03.9...2.0, 09S, 71.02W, h16km, Moment Tensor Solution, Duration: 156 Moment tensor: Scale 10^16Nm; Mw3.69; Mw0.35; Mw-4.04; Mw0.56; Mw0.69; Mw-4.01; Fault plane solution: Ms5.65000, 1016 NP2: 650.0000, 322.0000, 189.0000; NP1: 172.0000, 868.0000, 190.0000; Principal axes: T 5.4072, Plg67.0000, Azm83.0000; N 0.4575, Plg0.0000, Azm352.0000; P -5.8647, Plg23.0000, Azm256.0000

BUI 05 02:29:06.6...1.6, 20'20S, 70.80W, h15km, mb5.2/5, Ms5.3/6, Ms7.4/9.8

MOS 05 02:29:06.6...1.6, 20'03S, 70.74W, h40km, mb5.2/26, Error ellipse: s-maj=11.6km s-min=6.7km az=105.4

GCMT 05 02:29:09.2...0.2, 20'11S, 0.02, h11km, MW5.1/105, Moment Tensor Solution, s55, c71; s105, c164; Duration: 0 Moment tensor: Scale 10^16Nm; Mw4.915, 18; Mw0.15, 10; Mw-4.96, 13; Mw0.66, 23; PATCX 0.87, Mw3.89, 28; Best double couple: Mw6.33500, 1016 NP1:351.0000, 826.0000, 190.0000; NP2:170.0000, 864.0000, 190.0000; Principal axes: T 6.1890, Plg71.0000, Azm80.0000; N 0.2930, Plg0.0000, Azm171.0000; P -6.8410, Plg19.0000, Azm261.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 02:29:04.6...0.4, 20'20S, 0.02, h20km, 3km, n932, s119/836, mb5.1/218, MS4.5/53, 39C-21D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TA02 Huaiquique, TA02 Huaiquique, TA02 Huaiquique, etc.

PAULI	Pauline	55.69 349	P	P	02 38 39.2	-0.2
PAULI			I	Amb	02 38 40.6	
W57A	Gilead	55.72 351	P	I	02 38 37.7	-1.9
W57A			I	Amb	02 38 41.9	
W57A	Gilead	55.72 351	P	P	02 38 39.3	-0.3
W57A			P	P	02 38 39.3	-0.3
Y49A	Blount Mountain	55.75 344	P	P	02 38 38.7	-1.3
KM5C	Kings Mountain	55.92 350	P	I	02 38 40.2	-0.9
KM5C			I	Amb	02 38 42.9	
KM5C	Kings Mountain	55.92 350	P	P	02 38 41.1	0.0
KM5C			P	P	02 38 39.8	-1.3
X51A	Calhoun	56.05 346	P	P	02 38 42.1	0.0
X51A			P	P	02 38 42.1	0.0
BG3	Lake Jocassee	56.06 348	P	P	02 38 41.0	-1.2
CASEE	Lake Jocassee	56.06 348	P	P	02 38 42.5	+0.3
FPAL	Fort Payne	56.20 345	P	P	02 38 42.8	-0.5
V58A	Windy Hill, Pi	56.23 352	I	Amb	02 38 44.4	
V58A			I	Amb	02 38 44.4	
V58A	Windy Hill, Pi	56.23 352	P	P	02 38 43.4	+0.1
V58A			P	P	02 38 43.4	+0.1
NATX	Nacogdoches	56.46 336	P	I	02 38 45.0	0.0
NATX			I	Amb	02 38 48.4	
NATX	Nacogdoches	56.46 336	P	P	02 38 44.2	-0.8
NATX			P	P	02 38 44.2	-0.8
X48A	Hartselle	56.48 344	I	Amb	02 38 46.1	
X48A			I	Amb	02 38 46.1	
X48A	Hartselle	56.48 344	P	P	02 38 44.8	-0.3
X48A			P	P	02 38 44.8	-0.3
V55A	Taylorville	56.59 350	I	Amb	02 38 47.8	
V55A			I	Amb	02 38 46.6	+0.7
V55A	Taylorville	56.59 350	P	P	02 38 46.6	+0.7
V55A			P	P	02 38 46.6	+0.7
U59A	Littleton	56.62 353	I	Amb	02 38 48.1	
U59A			I	Amb	02 38 48.1	
U59A	Littleton	56.62 353	P	P	02 38 46.5	+0.4
U59A			P	P	02 38 46.5	+0.4
Y45A	Yeager Farm, C	56.62 341	P	P	02 38 47.1	+1.0
V53A	Saluda	56.70 348	P	P	02 38 46.6	-0.1
V53A			P	P	02 38 46.6	-0.1
V53A	Saluda	56.70 348	I	Amb	02 38 48.4	
V53A			I	Amb	02 38 47.1	-0.1
W50A	Signal Mountain	56.77 346	P	P	02 38 47.1	-0.1
W50A			P	P	02 38 47.1	-0.1
435B	Jarrell	56.81 332	P	P	02 38 45.9	-1.6
TKL	Tuckaleechee C	56.87 347	LR	LR	03 04 29.4	
TKL			LR	LR	03 04 29.4	
TKL	Tuckaleechee C	56.87 347	I	Amb	02 38 49.5	
TKL			I	Amb	02 38 47.8	-0.2
U56A	King	56.95 351	I	Amb	02 38 51.2	
V52A	Sevierville	57.02 348	I	Amb	02 38 50.6	
V52A			I	Amb	02 38 50.6	
V52A	Sevierville	57.02 348	P	P	02 38 48.9	0.0
V52A			P	P	02 38 48.9	0.0
Z41A	Richland Creek	57.12 338	I	Amb	02 38 52.5	
Z41A			I	Amb	02 38 51.1	+1.4
Z41A	Richland Creek	57.12 338	P	P	02 38 51.1	+1.4
Z41A			P	P	02 38 51.1	+1.4
V51A	Loudon	57.13 347	P	I	02 38 48.8	-1.0
V51A			I	Amb	02 38 50.8	
V51A	Loudon	57.13 347	P	P	02 38 49.6	-0.1
V51A			P	P	02 38 49.6	-0.1
OXF	Oxford	57.19 342	P	P	02 38 50.0	-0.1
OXF			P	P	02 38 48.4	-1.7
T59A	Double "B" Far	57.21 354	P	P	02 38 50.7	+0.5
T59A			P	P	02 38 50.7	+0.5
U54A	Nelsons Funn	57.35 350	I	Amb	02 38 52.8	
U54A			I	Amb	02 38 51.3	0.0
U54A	Nelsons Funn	57.35 350	P	P	02 38 51.3	0.0
U54A			P	P	02 38 51.3	0.0
T57A	Hurt	57.43 352	I	Amb	02 38 53.8	
T57A			I	Amb	02 38 52.5	+0.7
T57A	Hurt	57.43 352	P	P	02 38 52.5	+0.7
T57A			P	P	02 38 52.5	+0.7
JCT	Junction City	57.54 330	P	P	02 38 51.3	-1.5
V48A	Smith Brothers	57.64 345	I	Amb	02 38 54.9	
V48A			I	Amb	02 38 53.0	-0.3
V48A	Smith Brothers	57.64 345	P	P	02 38 52.8	-0.9
V48A			P	P	02 38 53.5	-0.5
TZTN	Tazewell	57.69 348	P	P	02 38 53.9	-0.6
W45A	Hickory Valley	57.72 342	P	P	02 38 53.5	-0.5
W45A			P	P	02 38 53.9	-0.6
WHTX	Lake Whitney	57.79 333	P	P	02 38 58.6	
WHTX			P	P	02 38 58.6	
BLA	Blacksburg	57.80 351	I	Amb	02 38 54.1	-0.4
BLA			I	Amb	02 38 55.9	
BLA	Blacksburg	57.80 351	P	P	02 38 56.5	+1.2
BLA			P	P	02 38 56.5	+1.2
CLTN	Cedars of Leba	57.86 345	I	Amb	02 38 56.0	-0.8
Z38A	Mt. Pleasant	57.92 336	P	P	02 38 56.5	+1.2
U49A	Red Boiling Sp	58.13 346	P	P	02 38 56.0	-0.8
S57A	Dark Hollow, R	58.14 352	I	Amb	02 38 59.0	
S57A			I	Amb	02 38 57.3	+0.4
S57A	Dark Hollow, R	58.14 352	P	P	02 38 57.3	+0.4
S57A			P	P	02 38 57.3	+0.4
R58B	Mineral	58.22 354	I	Amb	02 38 59.7	
R58B			I	Amb	02 38 57.9	+0.6
R58B	Mineral	58.22 354	P	P	02 38 57.9	+0.6
R58B			P	P	02 38 57.9	+0.6
WVT	Waverly	58.27 344	I	Amb	02 38 56.8	-0.9
WVT			I	Amb	02 38 56.8	-0.9
WVT	Waverly	58.27 344	P	P	02 38 56.8	-0.9
WVT			P	P	02 38 56.8	-0.9
WVT	Waverly	58.27 344	P	P	02 38 56.7	-1.1
WVT			P	P	02 38 56.1	-1.6
UALR	University of	58.34 339	I	Amb	02 39 00.3	
CBN	Corbin Frederi	58.41 354	P	P	02 38 58.2	-0.5
T50A	Nancy	58.41 347	P	P	02 38 57.9	-0.9
T50A			P	P	02 38 57.9	-0.9
TX31	Lajitas Ar. Si	58.51 326	P	I	02 38 58.8	-0.9
TX31			I	Amb	02 39 02.4	
TX31	Lajitas Ar. Si	58.51 326	P	P	02 39 00.0	+0.3
TX31			P	P	02 39 00.0	+0.3
TXAR	Lajitas Array	58.51 326	P	P	02 38 59.5	-0.2

TXAR	comp=Z,5.6nm,1.0s	58.51 326	P	LR	03 03 05.2	
TXAR			P	LR	03 03 05.2	
TXAR	comp=Z,5.6nm,1.0s	58.51 350	P	I	02 38 59.0	-0.7
TXAR			I	Amb	02 39 08.4	
SS4A	Dingess, Beckl	58.51 350	P	P	02 38 59.4	-0.1
SS4A			P	P	02 38 59.4	-0.1
SS4A	Dingess, Beckl	58.51 350	P	P	02 38 59.4	-0.1
SS4A			P	P	02 38 59.4	-0.1
MIAR	Mount Ida	58.56 338	P	I	02 38 58.2	-1.6
MIAR			I	Amb	02 39 02.1	
MIAR	Mount Ida	58.56 338	P	P	02 38 58.2	-1.6
MIAR			P	P	02 38 58.2	-1.6
MIAR	Mount Ida	58.56 338	P	P	02 38 59.3	-0.5
MIAR			P	P	02 38 59.3	-0.5
MIAR	Mount Ida	58.56 338	P	P	02 38 59.4	-0.3
MIAR			P	P	02 38 59.4	-0.3
WHAR	Woolly Hollow	58.80 340	I	Amb	02 39 02.8	
Z35A	Perchaven, San	58.87 334	P	P	02 39 03.5	+1.5
T47A	Sharon Grove	58.90 345	P	P	02 39 01.9	-0.3
X37A	Clayton	59.25 337	P	P	02 39 04.9	+0.3
X37A			P	P	02 39 05.3	+0.7
ABTX	Abilene, Hawle	59.28 332	I	Amb	02 39 07.5	
ABTX			I	Amb	02 39 05.9	+1.0
ABTX	Abilene, Hawle	59.28 332	P	P	02 39 04.3	-0.6
ABTX			P	P	02 39 07.3	+1.5
LOOK	Love County	59.42 335	I	Amb	02 39 08.5	
LOOK			I	Amb	02 39 08.5	
Q56A	Snyder Ridge,	59.44 353	P	P	02 39 06.8	+1.0
Q56A			P	P	02 39 06.8	+1.0
R50A	Paris	59.52 348	I	Amb	02 39 06.8	
R50A			I	Amb	02 39 06.2	-0.2
R50A	Paris	59.52 348	P	P	02 39 06.2	-0.2
R50A			P	P	02 39 06.2	-0.2
PBMO	Poplar Bluff	59.59 342	I	Amb	02 39 08.5	
PBMO			I	Amb	02 39 06.5	-0.4
Q54A	Coxs Mills	59.60 351	I	Amb	02 39 08.8	
P57A	Homestead Farm	59.74 354	P	P	02 39 09.4	+1.5
P57A			P	P	02 39 09.4	+1.5
CGM3	Cape Girardeau	59.86 343	I	Amb	02 39 09.8	
Q51A	Peebles	60.05 349	I	Amb	02 39 11.4	
MVL	Millersville	60.10 355	I	Amb	02 39 11.9	
S44A	Carbondale	60.12 343	P	P	02 39 10.5	0.0
MCWV	Mont Chateau	60.13 352	I	Amb	02 39 13.1	
MCWV			I	Amb	02 39 11.5	+0.9
MCWV	Mont Chateau	60.13 352	P	P	02 39 10.7	+0.1
MCWV			P	P	02 39 10.7	+0.1
P53A	Whipple	60.18 351	I	Amb	02 39 11.8	
P53A			I	Amb	02 39 11.3	+0.4
P53A	Whipple	60.18 351	P	P	02 39 11.3	+0.4
P53A			P	P	02 39 11.3	+0.4
X34A	Smith Ranch, M	60.21 335	I	Amb	02 39 13.8	
HHAR	Hobbs	60.25 339	I	Amb	02 39 13.0	
HHAR			I	Amb	02 39 11.3	-0.2
HHAR	Hobbs	60.25 339	P	P	02 39 13.0	
HHAR			P	P	02 39 13.0	
P52A	Corning	60.44 350	I	Amb	02 39 11.8	-0.9
P52A			I	Amb	02 39 11.8	-0.9
P52A	Corning	60.44 350	P	P	02 39 12.9	
P52A			P	P	02 39 12.9	
P51A	Williamsport	60.45 349	P	P	02 39 11.9	-0.8
P51A			P	P	02 39 11.9	-0.8
P51A	Williamsport	60.45 349	P	P	02 39 15.1	
P51A			P	P	02 39 15.1	
RLO	Rose Lookout	60.53 338	I	Amb	02 39 15.7	
U38A	Gravette	60.55 338	I	Amb	02 39 34.3	
U38A			I	Amb	02 39 13.3	-0.2
TUL1	Leonard	60.58 337	P	P	02 39 14.1	+0.4
TUL1			P	P	02 39 13.5	-0.2
FNO	Franklin	60.61 335	I	Amb	02 39 15.3	
FVM	French Village	60.72 342	P	P	02 39 14.6	0.0
WMOK	Wichita Mounta	60.72 334	P	P	02 39 13.9	-0.9
DEOK	Depew	60.78 336	I	Amb	02 39 17.2	
P49A	Miami Univ. Ec	60.81 348	I	Amb	02 39 16.1	
P49A			I	Amb	02 39 14.5	-0.7
P49A	Miami Univ. Ec	60.81 348	P	P	02 39 13.5	-1.7
P49A			P	P	02 39 16.7	
BLO	Bloomington	60.84 346	I	Amb	02 39 16.7	
SSPA	Standing Stone	60.87 354	P	P	02 39 16.5	+0.9
SSPA			I	Amb	02 39 17.8	
SSPA	Standing Stone	60.87 354	P	P	02 39 16.0	+0.4
SSPA			P	P	02 39 15.2	-0.4
P48A	Milroy	60.88 347	I	Amb	02 39 34.6	
O53A	New Philadelph	60.90 351	I	Amb	02 39 16.6	
O53A			I	Amb	02 39 14.9	-0.9
O53A	New Philadelph	60.90 351	P	P	02 39 16.7	+0.6
O53A			P	P	02 39 16.7	+0.6
UPAO	U. Pittsburgh	60.96 352	P	P	02 39 16.9	+0.7
N58A	Sunbury	60.96 355</				

Table with columns: Station Name, Elevation, Frequency, and other technical details. Includes stations like Logan Glacier, Hawksbury Isla, Bagley Icefield, etc.

Table with columns: Station Name, Elevation, Frequency, and other technical details. Includes stations like Rabbit Creek A, Susitna Watana, Susitna Watana, etc.

Table with columns: Station Name, Elevation, Frequency, and other technical details. Includes stations like Chernabura Isl, Christian Ranch, Newport, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TKL, ESDC, TORD, etc.

UUSS 05 04:10:21.8:0.9:36:97N:0.04:112:91W:0.04, h18km,7km, ML3.0/6, ML2.6/9(REN), ML2.8/11(NEIC), Error ellipse: s-maj=5.5km s-min=4.1km az=199.0

REN 05 04:10:22.4:2.2:37.02N:0.04:112:91W:0.04, h9km,7km, Error ellipse: s-maj=6.2km s-min=3.3km az=208.0

NEIC 05 04:10:21.6:1.4:36.95N:0.04:112:93W:0.05, h17km,3km, Error ellipse: s-maj=6.5km s-min=4.8km az=58.0, Western Arizona

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LCMT, ECU, EKU, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BMN, O2MO, SMCO, etc.

ICC 05 04:32:09.1:4.2:6:64S:128:70E, h198km,40km, mb3.7/12, mbmp4.4/14, Error ellipse: s-maj=32.5km s-min=10.1km az=79.0

DJA 05 04:32:12.0:0.2:7:53S:127:9E, h213km,6km, M4.4/18, mb4.9/6, mb4.5/18, ML4.5/12, Mw(mB)4.2/6

ISC 05 04:39:29.3:0.5:6:55S:102:06E:128.66E:0.08, h200km, n41, z=25/40, mb4.0/12, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AAI, MSAI, NLA, etc.

DJA 05 04:39:25.1:0.2:2:2N:127:7E, h102km,2km, M4.9/55, mB5.4/20, mb4.9/55, ML4.9/15, Mw(mB)4.9/20

BUI 05 04:39:25.0:0.0:1:80N:127:30E, h110km, mb4.7/32, mB4.8/12

ICC 05 04:39:26.0:1.5:1:69N:127:29E, h119km,12km, mb4.3/14, mbmp4.7/16, MS3.4/4, Error ellipse: s-maj=30.2km s-min=9.1km az=70.0

NEIC 05 04:39:26.6:1.3:1:70N:107:27E:0.09, h115km,6km, mb4.9/29, Error ellipse: s-maj=13.4km s-min=10.5km az=59.0

ISC 05 04:39:24.7:0.3:1:72N:104:127:25E:0.06, h100km, n164, z=157/183, mb4.9/22, 2C-6D, Halmahera

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TINTI, LBMI, SGSI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KAPI, KAPI, KAPI, etc.

ICC 05 04:32:09.1:4.2:6:64S:128:70E, h198km,40km, mb3.7/12, mbmp4.4/14, Error ellipse: s-maj=32.5km s-min=10.1km az=79.0

DJA 05 04:32:12.0:0.2:7:53S:127:9E, h213km,6km, M4.4/18, mb4.9/6, mb4.5/18, ML4.5/12, Mw(mB)4.2/6

ISC 05 04:39:29.3:0.5:6:55S:102:06E:128.66E:0.08, h200km, n41, z=25/40, mb4.0/12, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KAPI, KAPI, KAPI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMSA Cobar Meteorol, BJT Baijatuau, ARMA Armidale, etc.

IDC 05 04:41:40.8, 2.8, 25.46N, 141.24E, h126km, 37km, mb3.8/2, mbmp4.0/3, Error ellipse: s-maj=59.7km s-min=25.9km az=79.0

JMA 05 04:41:43.0, 0.1, 25.5N, 0.8, 141.1E, h110km, 1km, MV4.1/13, IOTO ISLANDS REGION

ISC 05 04:41:39.0, 1.3, 25.3N, 0.1, 141.0E, 0.2, h100km, n9, a16/12, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima-NKT2, CBIJ Chichi jima, etc.

MAN 05 04:47:06, 20.66N, 122.01E, h16km, Ms3.5, Philippine

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YDRA Hydra, VLY Voula, EPID Epidavros, etc.

ANF 05 04:51:12.3, 0.2, 36.15N, 89.69W, h2km, 2km, ML3.5/18, Error ellipse: s-maj=1.8km s-min=1.6km az=65.0

NEIC 05 04:51:13.6, 0.4, 36.155N, 0.008, 89.697W, 0.006, h10km, 4km, Error ellipse: s-maj=1.3km s-min=0.5km az=199.0

SLM 05 04:51:13.0, 0.4, 36.151N, 0.008, 89.70W, 0.01, h9km, 2km, Md3.0/51, mb_Lg2.8/114(NEIC), Error ellipse: s-maj=1.3km s-min=1.1km az=122.0

ISC 05 04:51:13.0, 0.8, 36.14N, 0.02, 89.67W, 0.02, h16km, 5km, n141, a09/92, New Madrid region, Missouri

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CWPT Cottonwood Poi, MIST Miston, LNXT Lenox, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLAL Pickwick Lake, PWLA Pickwick Lake, FCAR Ozark Folk Cen, etc.

5d 6h

Table with columns: AML, Almayashu, SNR=22, 2.67 356 P, Pb, 06 02 32.7 +0.4, UCH, Uchtor, SNR=40, 2.80 9 P, Pb, 06 02 35.7 +1.2, UCH, Uchtor, SNR=40, 2.80 9j eP, Pb, 06 02 33.4 -1.1, UCH, baz=13, j eS, Sb, 06 03 09.1 -0.2, GAR, Garn, SNR=61, 2.84 262j eP, Pn, 06 02 31.3 +1.4, GAR, baz=61, j eS, Pb, 06 03 05.1 +0.4, TRKS, Terek-Say, SNR=17, 2.96 315j eP, Pn, 06 02 32.5 +0.9, TRKS, baz=17, j eS, Sn, 06 03 07.5 -0.2, EKS2, Erkin-Say, SNR=1, 3.20 358 P, Pb, 06 02 40.8 -0.3, EKS2, Erkin-Say, SNR=1, 3.20 358j iP, Pb, 06 02 38.4 -2.7, EKS2, baz=1.0, j eS, Sb, 06 03 17.2 -3.2, AAK, Ala-Archa, SNR=12, 3.20 8 P, Pb, 06 02 41.4 +0.2, AAK, Ala-Archa, SNR=12, 3.20 8 Pn, Pb, 06 02 41.3 +0.1, AAK, 6.2nm, 0.3s, baz=322, slow=18, SNR=2, 2 LR, 06 03 23.7 -2.8, AAK, comp=Z, 2.0nm, 19.8s, baz=190, slow=30, 19nm, 0.3s, j eS, Pb, 06 02 38.9 -2.3, AAK, Ala-Archa, baz=11, j eS, Sb, 06 03 18.3 -2.3, AAK, baz=11, Ala-Archa, comp=Z, 9.0nm, 0.4s, 3.20 8 i P, pmax, 06 02 40.9 +3.3, AAK, Karagaybulak, SNR=9.3, 3.28 13 P, Pb, 06 02 42.7 +0.2, KBK, Karagaybulak, SNR=16, 3.28 13j eP, Pb, 06 02 40.4 -2.2, KBK, baz=16, j eS, Sb, 06 03 20.7 -2.2, ULHL, Ulahol, SNR=7.9, 3.29 32 P, Pg, 06 02 47.3 +0.6, ULHL, Ulahol, baz=34, 3.29 32j eP, Pb, 06 02 41.0 -1.7, ULHL, baz=34, j eS, Sb, 06 03 22.1 -1.0, MRKS, Merke, comp=Z, 39nm, 0.6s, 3.32 351 eP, Pg, 06 02 46.3 -1.0, MRKS, comp=Z, 92nm, 0.5s, eS, Pg, 06 03 30.5 +0.1, MRKS, Merke, comp=Z, 39nm, 0.6s, 3.32 351 P, Pg, 06 02 46.3 -1.0, MRKS, comp=Z, 92nm, 0.5s, 3.39 26j eP, Pb, 06 02 42.2 -2.1, BOOM, Boomsokoye usch, baz=29, j eS, Sb, 06 03 24.2 -1.7, CHMS, Chumysh, SNR=5.0, 3.59 10 P, Pb, 06 02 46.3 -1.3, CHMS, Chumysh, baz=12, 3.59 10j eP, Pb, 06 02 44.1 -3.6, CHMS, baz=12, j eS, Sb, 06 03 27.5 -4.0, CHMS, Chumysh, comp=Z, 8.9nm, 0.4s, 3.59 10 Pn, Pb, 06 02 46.2 -1.5, CHMS, comp=Z, 1.7nm, 0.6s, j Lg, 06 03 40.2, TKM2, Tokmak 2, SNR=6.8, 3.68 19 P, Pb, 06 02 48.1 -1.2, TKM2, Tokmak 2, baz=22, 3.68 19j eP, Pb, 06 02 45.8 -3.5, TKM2, baz=22, j eS, Sb, 06 03 30.7 -3.6, TKM2, Tokmak 2, 3.68 19 Pn, Pb, 06 02 47.7 -1.6, TKM2, comp=Z, 2.1nm, 0.6s, j Lg, 06 03 44.3, TARG, Taragay, Kyrgy, baz=53, 3.72 51j eP, Pb, 06 02 47.7 -2.5, TARG, baz=53, j eS, Sb, 06 03 33.7 -2.0, CHGR, Chuyangaron, baz=58, 3.80 259j eP, Pn, 06 02 44.2 +1.2, CHGR, baz=58, j eS, Sn, 06 03 27.8 -0.4, USP, Oспенovka, baz=9.0, 3.83 61j eP, Sn, 06 02 47.5 +4.1, USP, baz=9.0, j eS, Sn, 06 03 33.0 +4.2, KST, KasteK, comp=Z, 4.1nm, 0.8s, 3.89 23 eP, Pg, 06 02 58.0 -0.2, KST, comp=Z, 4.1nm, 0.8s, eS, Pg, 06 03 50.6 +2.0, KST, KasteK, comp=Z, 4.1nm, 0.8s, 3.89 23 P, Pg, 06 02 58.0 -0.2, KST, comp=Z, 4.1nm, 0.8s, j Lg, 06 03 50.6, TAS, Tashkent, baz=0, 4.00 299j eP, Pn, 06 02 47.3 +1.6, TAS, baz=0, j eS, Sn, 06 03 32.7 -0.3, DGS, Degeres, comp=Z, 2.0nm, 0.5s, 4.02 20 eP, Pg, 06 03 01.3 +0.6, DGS, comp=Z, 2.3nm, 0.7s, eS, Pg, 06 03 56.1 +3.2, DGS, Degeres, comp=Z, 2.0nm, 0.5s, 4.02 20 P, Pg, 06 03 01.3 +0.6, DGS, comp=Z, 2.0nm, 0.7s, j Lg, 06 03 56.1, IZV, Izvestkoviy, comp=Z, 1.1nm, 0.6s, 4.10 29 eP, Pg, 06 03 03.1 +0.8, IZV, comp=Z, 2.6nm, 0.9s, eS, Pg, 06 03 59.1 +3.7, IZV, Izvestkoviy, comp=Z, 1.1nm, 0.6s, 4.10 29 P, Pg, 06 03 03.1 +0.8, IZV, comp=Z, 2.6nm, 0.9s, j Lg, 06 03 59.1, MTBS, Matube, comp=Z, 1.7nm, 0.9s, 4.12 26 eP, Pg, 06 03 03.0 +0.4, MTBS, comp=Z, 1.8nm, 0.5s, eS, Pg, 06 03 58.9 +2.9, MTBS, Matube, comp=Z, 1.7nm, 0.9s, 4.12 26 P, Pg, 06 03 03.0 +0.4, MTBS, comp=Z, 1.7nm, 0.9s, j Lg, 06 03 58.9, TNSS, Tian-Shan, comp=Z, 1.8nm, 0.5s, 4.23 32 eP, Pg, 06 03 05.1 +0.3, TNSS, comp=Z, 6.9nm, 0.9s, eS, Pg, 06 04 02.4 +2.7, TNSS, Tian-Shan, comp=Z, 6.9nm, 0.9s, 4.23 32 P, Pg, 06 03 05.1 +0.3, TNSS, comp=Z, 1.2nm, 1.0s, 4.23 32 P, Pg, 06 03 05.1 +0.3, TNSS, comp=Z, 6.9nm, 0.9s, 4.38 31 eP, Pg, 06 03 07.6 0.0, MDOK, Medeo, comp=Z, 5.3nm, 0.6s, eS, Pg, 06 04 06.4 +2.1, MDOK, comp=Z, 1.7nm, 0.8s, 4.38 31 P, Pg, 06 03 07.6 0.0, MDOK, comp=Z, 6.4nm, 0.6s, 4.38 31 P, Pg, 06 03 07.6 0.0, MDOK, comp=Z, 5.3nm, 0.6s, j Lg, 06 04 06.4, MDOK, comp=Z, 1.7nm, 0.8s, j Lg, 06 04 07.5, MDOK, comp=Z, 2.8nm, 0.8s, j Lg, 06 04 07.5, KK31, Karatay Array, 4.46 326 Pn, Pb, 06 02 55.1 +3.1, KK31, comp=Z, 2.2nm, 0.4s, baz=138, slow=13, SNR=13, j P, Pb, 06 03 05.2 +2.7, KK31, comp=Z, 3.6nm, 0.5s, baz=153, slow=15, SNR=6.1, j Sn, Pb, 06 03 45.7 +1.4, KK31, comp=Z, 5.3nm, 0.4s, j Lg, 06 04 01.6, KKAR, Karatay Array, 4.46 326j eP, Pn, 06 02 54.4 +2.4, KKAR, baz=28, j eS, Sn, 06 03 45.2 +0.9, KOTS, Kotyrbulak, 4.46 31 eP, Pg, 06 03 09.7 +0.5, KOTS, eS, Pg, 06 04 10.7 +3.7, KOTS, Kotyrbulak, comp=Z, 9.4nm, 0.5s, 4.46 31 P, Pg, 06 03 09.7 +0.5, KOTS, comp=Z, 5.9nm, 1.0s, j Lg, 06 04 10.7

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Table with columns: PRZ, Przheval'sk, baz=48, 4.53 471 eP, Pb, 06 02 58.9 -5.0, PRZ, 1 eS, Sb, 06 03 53.2 -5.8, BRLS, Borolday, comp=Z, 4.0nm, 0.7s, 4.71 320 eP, Pb, 06 03 08.3 +1.5, BRLS, eS, Sb, 06 04 08.2 +4.3, BRLS, comp=Z, 2.0nm, 0.8s, 4.71 320 P, Pg, 06 03 08.3 +1.5, BRLS, Borolday, comp=Z, 4.0nm, 0.7s, 4.71 320 Lg, Lg, 06 04 08.2, KTBS, Karatobe, comp=Z, 2.0nm, 0.8s, 4.72 25 eP, Pg, 06 03 13.0 -1.1, KTBS, comp=Z, 9.4nm, 0.7s, eS, Pg, 06 04 16.3 +1.1, KTBS, Karatobe, comp=Z, 5.0nm, 0.7s, 4.72 25 P, Pg, 06 03 12.0 -2.1, KTBS, comp=Z, 9.4nm, 0.8s, 4.72 25 P, Pg, 06 04 16.3, KUU, Kurty, comp=Z, 5.0nm, 0.7s, 4.78 21 eP, Pg, 06 03 13.2 -2.0, KUU, comp=Z, 4.0nm, 0.4s, eS, Pg, 06 04 16.7 -0.4, KUU, Kurty, comp=Z, 4.0nm, 0.4s, 4.78 21 P, Pg, 06 03 13.2 -2.0, KUU, comp=Z, 3.1nm, 0.7s, 4.93 42 eP, Lg, 06 04 16.7, SATY, Saty, comp=Z, 5.9nm, 0.6s, 4.93 42 eP, Pg, 06 03 18.0 0.0, SATY, comp=Z, 2.3nm, 1.5s, 4.93 42 P, Pg, 06 03 18.0 0.0, SATY, comp=Z, 5.9nm, 0.6s, 4.93 42 P, Pg, 06 04 24.5, CHKK, Chushkaly, comp=Z, 2.3nm, 1.5s, 4.95 27 eP, Pg, 06 03 17.3 -1.2, CHKK, comp=Z, 8.9nm, 0.6s, eS, Pg, 06 04 23.5 +0.9, CHKK, comp=Z, 1.6nm, 0.8s, 4.95 27 P, Pg, 06 03 17.3 -1.2, CHKK, Chushkaly, comp=Z, 8.9nm, 0.6s, 4.95 27 P, Pg, 06 03 17.3 -1.2, CHKK, comp=Z, 1.6nm, 0.8s, 4.95 27 P, Pg, 06 04 23.5, KURS, Kuram, comp=Z, 2.2nm, 0.6s, 5.13 37 eP, Pg, 06 03 21.9 -0.1, KURS, comp=Z, 7.4nm, 1.5s, 5.13 37 P, Pg, 06 03 21.9 -0.1, KURS, Kuram, comp=Z, 2.2nm, 0.6s, 5.13 37 P, Pg, 06 04 31.4, UZB, Uzyunbulak, comp=Z, 7.4nm, 1.5s, 5.32 45 eP, Pg, 06 03 25.5 0.0, UZB, comp=Z, 4.0nm, 0.8s, 5.32 45 eP, Pg, 06 04 37.2 +2.9, UZB, comp=Z, 7.5nm, 1.3s, 5.32 45 P, Pg, 06 03 25.5 0.0, UZB, comp=Z, 4.0nm, 0.8s, 5.32 45 P, Pg, 06 04 37.2, KPKS, Kokpek, comp=Z, 2.7nm, 0.5s, 5.36 40 eP, Pg, 06 03 25.9 -0.5, KPKS, comp=Z, 1.6nm, 1.1s, 5.36 40 eP, Pg, 06 03 28.4 +2.5, KPKS, Kokpek, comp=Z, 2.7nm, 0.5s, 5.36 40 P, Pg, 06 03 25.9 -0.5, KPKS, comp=Z, 1.6nm, 1.1s, 5.36 40 P, Pg, 06 04 38.4, ARXS, Arharly, comp=Z, 1.6nm, 1.1s, 5.57 30 eP, Pg, 06 03 29.0 -1.3, ARXS, comp=Z, 1.6nm, 0.9s, 5.57 30 P, Pg, 06 04 43.7 +1.3, ARXS, Arharly, comp=Z, 8.4nm, 0.7s, 5.57 30 P, Pg, 06 03 29.0 -1.3, ARXS, comp=Z, 1.6nm, 0.9s, 5.57 30 P, Pg, 06 04 43.7, BTLS, Baital, comp=Z, 1.6nm, 0.9s, 5.58 1 eP, Pg, 06 03 27.5 -2.9, BTLS, comp=Z, 3.7nm, 0.5s, eS, Pg, 06 04 40.4 -2.2, BTLS, Baital, comp=Z, 4.1nm, 0.8s, 5.58 1 P, Pg, 06 03 27.5 -2.9, BTLS, comp=Z, 1.2nm, 0.6s, 5.58 1 P, Pg, 06 04 40.4 -2.2, BTLS, Baital, comp=Z, 4.1nm, 0.8s, 5.58 1 P, Pg, 06 04 37.3, BLB, Baldybastay, 5.75 35 eP, Pg, 06 03 32.5 -1.2, BLB, comp=Z, 9.1nm, 0.7s, eS, Pg, 06 04 49.9, BLB, Baldybastay, 5.75 35 P, Pg, 06 03 32.5 -1.2, BLB, comp=Z, 1.7nm, 1.0s, 13.78 351 LR, 06 10 40.0, BVAR, Boroyev Array, 13.78 351 LR, 06 10 40.0, AB31, Akbulak array, 13.97 319 Pn, 06 05 00.9 -1.4, AKTO, Aktubinsk, 15.69 320 Pn, 06 05 26.3 +0.9, ZALV, Zalesovo Beam, 16.27 23 Pn, 06 05 35.1 -0.9, ZALV, comp=Z, 0.2nm, 0.3s, baz=211, slow=10, SNR=6.0 LR, 06 12 04.7, ARU, Arti, 19.77 334 P, 06 06 14.8 +0.2, FINES, FINESS Array B, 36.41 323 P, 06 08 49.0 +0.1, ARCES, ARCES Array B, 39.35 335 P, 06 09 14.4 +0.8, NB2, NORARS Subarra, 43.47 321 P, 06 09 47.2 -0.4, NOA, NORARS Array B, 43.47 321 P, 06 09 47.2 -0.4, TORD, Torodi Ar. Bea, 68.09 269 P, 06 12 43.6 -1.2, YKA, Yellowknife Ar, 78.16 4 P, 06 13 43.8 +0.2, WRA, Warramunga Arr, 81.67 124 P, 06 14 03.5 +0.3, IDC 05 06:13:06.9.5.0, 1'23N-25'60W, h0km, mb3.7/4, mbtm3.8/4, MS3.5/5, Error ellipse: s-maj=192.8km s-min=34.5km az=177.0, Central Mid-Atlantic Ridge, Code Station Name A° AZ° Phase ID ISC Time Res h m s ISC H10N3 ASCENSION HYDR1.4.27 129 T T 06 30 50.1 H10N2 ASCENSION HYDR1.4.27 129 T T 06 30 50.5 H10N1 ASCENSION HYDR1.4.29 129 T T 06 30 46.3 H10S3 ASCENSION HYDR1.86 133 T T 06 31 32.1 H10S2 ASCENSION HYDR1.88 133 T T 06 31 35.5 DBIC Dimbroko, 21.28 75 P, 06 17 56.7 +0.5, DBIC, comp=Z, 0.3nm, 0.7s, baz=276, slow=9.2, SNR=3.8 LR, 06 24 09.9, TORD, Torodi Ar. Bea, 29.50 65 P, 06 19 12.7 -0.5, TORD, comp=Z, 1.12nm, 18.9s, baz=205, slow=34 0.6nm, 0.7s, baz=247, slow=10, SNR=2.1 LR, 06 29 43.7, SIV, San Ignacio, 38.99 243 LR, 06 35 33.4, LPAZ, La Paz, 45.45 246 LR, 06 04 02.8, AKASG, Malin Array Be, 67.50 34 P, 06 24 04.9 +0.2, TXAR, Lajitas Array, 79.00 300 P, 06 25 13.4 0.0, AAK, Ala-Archa, 96.60 47 LR, 07 14 09.8, IDC 05 06:16:38.1-19.0, 12'31S-166'71E, h235km, 221km, mb3.1/3, mbtm3.7/4, ML3.1/1, Error ellipse:

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Table with columns: s-maj=196.1km s-min=31.3km az=157.0, Santa Cruz Islands, Code Station Name A° AZ° Phase ID ISC Time Res h m s ISC DZM, Mont Dzumac, 9.71 181 P, 06 18 53.3 0.0, WRA, Warramunga Arr, 31.96 252 P, 06 22 42.6 +0.1, ASAR, Alice Springs, 33.10 245 P, 06 22 52.0 -0.3, ILAR, Eielson Array, 84.41 18 P, 06 28 43.8 0.0, NDI 05 06:24:58.0.2.0, 25'20N-94'53E, h79km, 14km, ML3.8, IDC 05 06:24:59.1.3.6, 25'03N-94'72E, h94km, 35km, mb3.5/10, mbtm3.8/11, Error ellipse: s-maj=40.4km s-min=18.3km az=59.0, ISC 05 06:24:57.1.0.7, 25'17N-0'05.94'61E, 0'08, h72km, n33, 17'13S, mb3.7/10, Myzant-India border region, Code Station Name A° AZ° Phase ID ISC Time Res h m s ISC IMP, Imphal, 0.69 241 eP, 06 25 12.7 +0.6, IMP, KOHIMA, 0.71 321 eS, 06 25 24.1 +0.9, KOHI, KOHIMA, 0.71 321 eS, 06 25 12.7 +0.1, KOHI, KOHIMA, 0.71 321 eS, 06 25 29.6, KOHI, comp=N, 3um, 0.9s, IAML, 06 25 29.8, KOHI, comp=E, 1um, 0.3s, IAML, 06 25 18.0 +0.2, MOKO, MOKOCHONG, 1.16 356 eP, 06 25 34.1 +0.8, MOKO, comp=E, 6um, 0.4s, IAML, 06 25 37.5, ITAN, ITANAGAR, 2.13 338 eS, 06 25 36.8 +6.3, ITAN, ITANAGAR, 2.13 338 eS, 06 25 54.4 -0.6, ITAN, comp=E, 1um, 1.0s, IAML, 06 26 14.8, AZL, TEZPUR, 2.18 312 eP, 06 25 31.9 +0.7, AZL, Aizawl, 2.25 231 eP, 06 25 32.9 +0.6, AZL, comp=N, 254nm, 0.3s, IAML, 06 26 00.9, ZIRO, ZIRO, 2.45 344 eS, 06 26 02.2 -1.9, TURI, Tura, 3.89 277 eP, 06 25 54.7 +0.2, TURI, comp=E, 338nm, 0.2s, eS, 06 25 56.1, TURI, TAPN, 6.56 291 eP, 06 26 36.7 -2.3, TURI, comp=E, 64nm, 0.4s, eS, 06 26 31.5 +0.2, ODAN, Odare, 6.71 286 eP, 06 26 33.2 -0.1, CMAR, comp=E, 28nm, 0.5s, 7.79 148 P, 06 26 47.8 -0.1, CMAR, comp=E, 1.5nm, 0.6s, baz=322, slow=13, SNR=8.4, JIRN, Jiri, 7.95 290 eP, 06 26 49.9 -0.4, GUN, Gumba, 8.28 291 eP, 06 26 54.5 -0.3, PKI, Pulchki, 8.59 288 eP, 06 26 58.4 -0.7, PKIN, Phulchoki, 8.60 288 eP, 06 26 58.5 -0.7, KKN, Kakan, 8.76 289 eP, 06 27 00.6 -0.6, DMN, Daman, 8.86 288 eP, 06 27 02.1 -0.6, GKX, Gorkha, 9.36 290 eP, 06 27 08.4 -1.0, KOLN, Koldana, 10.20 287 eP, 06 27 18.7 -2.2, DANN, Dangising, 10.20 290 eP, 06 27 18.6 -2.4, PYUN, Piuthan, 10.80 288 eP, 06 27 25.9 -3.2, MKAR, Makanchi Array, 23.72 339 P, 06 30 03.8 +1.3, MKAR, comp=E, 1.6nm, 0.4s, 23.72 339 P, 06 30 03.8 +1.3, SONM, Songino Array, 24.47 19 P, 06 30 10.2 +0.8, SONM, comp=E, 1.9nm, 0.8s, baz=200, slow=8.5, SNR=9.3, comp=E, 0.4nm, 0.4s, KURBB, Kurchatov Arr, 28.28 338 P, 06 30 44.6 +1.1, KURBB, comp=E, 0.3nm, 0.4s, baz=150, slow=9.6, SNR=4.1, comp=E, 0.3nm, 0.4s, ZALV, Zalesovo Beam, 29.66 348 P, 06 30 56.9 +1.1, ZALV, comp=E, 0.6nm, 0.4s, baz=156, slow=7.4, SNR=1.0, comp=E, 0.6nm, 0.4s, FINES, FINESS Array B, 57.98 328 P, 06 34 42.9 +0.9, FINES, comp=E, 1.1nm, 0.5s, baz=77.9, slow=5.9, SNR=9.2, comp=E, 1.1nm, 0.5s, WRA, Warramunga Arr, 59.19 136 P, 06 34 49.2 -1.7, WRA, comp=E, 0.4nm, 0.9s, baz=326, slow=7.3, SNR=6.1, comp=E, 0.4nm, 0.4s, ARCES, ARCES Array B, 59.37 338 P, 06 34 52.2 +0.8, ARCES, comp=E, 1.6nm, 0.8s, baz=90, slow=8.1, SNR=5.5, comp=E, 0.6nm, 0.8s, NB2, NORARS Subarra, 65.16 328 P, 06 35 30.8 +0.4, NOA, NORARS Array B, 65.16 328 P, 06 35 30.6 +0.3, NOA, comp=Z, 0.6nm, 0.5s, baz=82, slow=6.5, SNR=3.9, comp=Z, 0.6nm, 0.5s, GERES, GERES Array B, 65.67 314 P, 06 35 34.8 +0.8, GERES, comp=Z, 0.7nm, 0.6s, baz=73, slow=6.3, SNR=4.9, comp=Z, 0.7nm, 0.6s, ILAR, Eielson Array, 78.65 23 P, 06 36 51.3 +0.3, ILAR, comp=Z, 0.7nm, 0.8s, baz=311, slow=6.8, SNR=6.0, TXAR, Lajitas Array, 123.04 19 P, 06 43 45.0 -1.0, TXAR, comp=Z, 0.1nm, 0.6s, baz=48, slow=1.1, PKP, PKPpdf, 06 43 45.0 -1.0, IDC 05 06:26:50.7.4.9, 23'05N-45'43W, h0km, mb3.6/3, mbtm3.6/3, MS3.1/2, Error ellipse: s-maj=246.6km s-min=34.5km az=23.0, Northern Mid-Atlantic Ridge, Code Station Name A° AZ° Phase ID ISC Time Res h m s ISC TKL, Tuckaleeches C, 35.49 300 LR, 06 46 59.2, H10N2, ASCENSION HYDR3.10 132 T T 07 20 56.4, H10N3, ASCENSION HYDR3.10 132 T T 07 20 55.0, H10N1, ASCENSION HYDR3.12 132 T T 07 20 54.5, H10S3, ASCENSION HYDR3.81 133 T T 07 21 48.2, H10S2, ASCENSION HYDR3.81 133 T T 07 21 47.8, TORD, Torodi Ar. Bea, 45.94 94 P, 06 35 13.7 -0.1, TORD, comp=Z, 1.4nm, 1.0s, baz=292, slow=8.2, SNR=4.4, 1.4nm, 1.0s, NOA, NORARS Array B, 54.09 30 LR, 06 54 53.9, PDAR, Pinedale Array, 55.99 307 P, 06 36 31.3 -0.1, PDAR, comp=Z, 0.5s, baz=102, slow=7.5, SNR=2.5, 0.2nm, 0.5s, ILAR, Eielson Array, 74.14 334 P, 06 38 28.8 +0.1, ILAR, comp=Z, 0.5nm, 0.9s, baz=70, slow=5.3, SNR=3.0, 0.5nm, 0.9s, NEIC 05 06:28:06.5.0.8, 53'49N-0'02-163'38W, 0'06, h1km, 8km, Error ellipse: s-maj=5.9km s-min=1.2km az=56.0, AEIC 05 06:28:06.6.0.9, 53'48N-0'05-163'44W, 0'07, h2km, 7km, ML3.0/24, ML3.0/B(NEIC), Error ellipse: s-maj=8.0km s-min=5.2km az=159.0, IDC 05 06:28:14.5.5.0, 53'55N-162'00W, h0km, mb3.1/2, mbtm3.1/5, ML2.9/3, Error ellipse: s-maj=88.5km s-min=40.8km az=92.0, ISC 05 06:28:10.0.1.2, 53'51N-0'09-163'28W, 0'05, h29km, n37, 1'18S/3, Unimak Island region, Code Station Name A° AZ° Phase ID ISC Time Res h m s ISC BRPK, Brown Peak, 1.17 347 P, 06 28 29.7 -0.7, WESP, West Dahl East, 1.24 322 P, 06 28 30.1 -1.3, ISLZ, Isanolski Laza, 1.25 348 P, 06 28 30.6 0.9, SSSL, Shishaldin Sou, 2.28 341 P, 06 28 31.4 -0.6, WESP, Westdahl Peak, 1.30 320 P, 06 28 30.9 -1.3, FALS, False Pass, 1.35 357 P, 06 28 32.5 -0.4, WECS, Westdahl Cape, 1.35 320 P, 06 28 31.8 -1.2, WECS, 06 28 49.6 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Shishaldin, Akutan, and various other locations.

SOME 05 06:28:36.3, 39.140N:73.50E, h5km
KRNET 05 06:28:38.2, 0.1, 39.39N:73.40E, mb3.6
NINC 05 06:28:41.8, 2.8, 39.59N:73.61E, h0km, mb3.7, mpv3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Osh, Batken, Garm, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tian-Shan, Tianshan, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Serang, Bandar Lampung, Kota Agung, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Zalesovo, Zalesovo Beam, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Zalesovo, Kurchatov, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Zalesovo, Kurchatov, and various other locations.

IDC 05 06:52:01.6, 2.2, 30.35S:177.44W, h0km, mb4.3/4, mbtmp4.2, 5, ML3.0/1, Error ellipse: s-maj=47.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Raoul Island, Urewera, and various other locations.

AUST 05 06:55:27.8, 0.7, 30.05S:117.51E, h0km, Error ellipse: s-maj=8.6km s-min=6.5km az=119.0

NOU 05 06:55:29.8, 30.12S:117.43E, h0km, MLV3.6/5, Western Australia

CUPWA 05 06:55:30.9, 4.1, 30.09S:117.40E, h1km, 12km, ML3.3, Station: WESTERN AUSTRALIA

ISC 05 06:55:28.7, 1.5, 30.07S:107.117E, h0.05, h5km, 12km, n29, c071/38, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cadoux, Ballidu, and various other locations.

NOU 05 07:03:53.7, 2.1, 13S:168.69E, h12km, MLV4.0/10, Loyalty Islands

NEIC 05 07:03:54.2, 0.7, 2.1, 13S:168.66E, h0.05, h10km, 8km, mb4.1/4, Error ellipse: s-maj=7.0km s-min=3.8km az=106.0

IDC 05 07:03:56.4, 0.1, 2.0, 77S:168.12E, h0km, mb3.9/2, mbtmp3.8/3, ML3.2/1, MS3.2/6, Error ellipse: s-maj=119.6km s-min=32.3km az=132.0

ISC 05 07:03:53.8, 1.8, 21.2S:168.7E, h0.1, h10km, n28, c0572/26, mb4.0/4, MS3.2/3, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mare, Loyalty, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like Warramunga Arr, Alice Springs, ASAR, AS31, etc.

NOU 05 08:07:25.2, 21.06S:168.83E, h0km, MLv4.1/8, Loyalty Islands
NEIC 05 08:07:29.3, 1.9, 21.17S:0.09:168.60E:0.07, h10km, mb3.9/3, mb4.3/8, Error ellipse: s-maj=17.6km s-min=4.9km

ISC 05 08:07:31.7, 1.0, 21.17S:0.10:168.53E:0.10, h30km, n31, o096/31, mb4.3/8, MS3.3/3, Loyalty Islands

Main table for the first section with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like MARE, LOYALTY, PINNC, etc.

ISC 05 08:10:06.3, 3.6, 2.44N:94.97W, h0km, mb3.9/7, mbmp3.9/7, MS3.7/29, Error ellipse: s-maj=148.4km s-min=65.3km az=56.0

ISC 05 08:10:08.0, 3.3, 2.5N:0.6:95.0W:0.7, h10km, n36, o048/8, mb3.8/7, MS3.7/28, Galapagos Islands

Main table for the second section with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like ATAH, NNA, SDV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like INK, SFJD, ILAR, etc.

TAP 05 08:16:51.1, 21.57N:121.06E, h36km, mb3.8/8, D, Taiwan region

Main table for the third section with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like TSEB, HEN, LYUB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like NOU, NEIC, IDC, etc.

ISC 05 08:20:37.4, 1.1, 21.33S:0.1x168.70E:0.09, h20km, n25, o108/25, mb4.1/6, Loyalty Islands

Main table for the fourth section with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like MARNC, PINNC, QUENC, etc.

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
TA01	Diego Aracena	0.86 117	Op	08 27 12.0 -0.6	Pb
TA01				08 27 23.4 -0.7	Sb
TA01				08 27 24.6	IAMB
comp=N,4um,0.6s					
PATCX	Punta Patache	1.02 129	Op	08 27 14.8 -0.6	Pb
PATCX	Punta Patache	1.02 129	Op	08 27 14.9 -0.6	Pb
PATCX				08 27 28.4 -0.4	Sb
PATCX				08 27 32.6	IAMB
comp=N,2um,0.4s					
PB11	IPOC Station P	1.32 72	Op	08 27 18.7 -1.6	Pn
PB11	IPOC Station P	1.32 72	Op	08 27 18.9 -1.4	Pn
PB11				08 27 36.0 -1.8	Sn
PB11				08 27 38.0	IAMB
comp=N,6um,0.4s					
PB02	IPOC Station P	1.54 138	Op	08 27 23.0 -0.1	Pn
PB02				08 27 33.5 +0.6	Sn
PB02				08 27 48.1	IAMB
comp=E,4um,0.1s					
PB01	IPOC Station P	1.66 122	Op	08 27 24.6 -0.2	Pn
PB01	IPOC Station P	1.67 122	Op	08 27 24.1 -0.9	Pn
PB12				08 27 57.7	IAMB
comp=E,994nm,0.4s					
PB08	IPOC Station P	1.73 89	Op	08 27 25.6 -0.5	Pn
PB08				08 27 48.1 0.0	Sn
PB08				08 27 52.7	IAMB
comp=N,1um,0.2s					
GO01	Chusmiza	1.77 74	Op	08 27 26.6 0.0	Pn
GO01	Chusmiza	1.77 74	Op	08 27 26.5 -0.1	Pn
GO01				08 27 49.2 0.0	Sn
GO01				08 27 50.9	IAMB
comp=N,4um,0.2s					
PB07	IPOC Station P	1.86 146	Op	08 27 27.4 -0.3	Pn
PB07				08 28 03.4	IAMB
comp=E,876nm,0.3s					
AP01	Chacalluta	1.90 19	Op	08 27 29.1 +1.2	Pn
AP01	Grant	1.90 19	Op	08 27 29.1 +0.9	Pn
PB04	IPOC Station P	2.29 160	Op	08 27 33.1 -0.4	Pn
PB04				08 28 21.2	IAMB
comp=N,673nm,0.4s					
PB09	IPOC Station P	2.30 135	Op	08 27 34.8 +1.1	Pn
PB09				08 28 08.5 +2.7	Sb
PB09				08 28 16.4	IAMB
comp=E,1um,0.3s					
PB16	IPOC Station P	2.31 38	Op	08 27 33.7 -0.4	Pn
PB16				08 28 03.1 +0.5	Sn
PB06	IPOC Station P	2.85 153	Op	08 27 37.4 -0.0	Pn
PB06				08 28 31.9	IAMB
comp=E,402nm,0.6s					
LVC	Limon Verde	3.11 142	P	08 27 46.2 +1.2	Pn
LVC				08 28 22.2 +0.1	Sn
LVC				08 28 32.5	Lg
comp=E,30nm,0.3s,baz=73,slow=7.2,SNR=11					
comp=E,1.9nm,0.3s					
LVC	Limon Verde	3.11 142	eP	08 27 45.6 +0.6	Pn
LVC				08 28 22.4 +0.3	Sn
PB15	IPOC Station P	3.34 155	eP	08 27 47.1 -0.9	Pn
LPAZ	La Paz	4.73 36	P	08 28 11.4 +3.9	Pn
comp=E,0.4nm,0.3s,baz=210,slow=6.3,SNR=26					
LCO	Las Campanas	8.80 178	Pn	08 29 03.9 +0.7	Pn
LCO	Siv Ignacio	10.31 68	P	08 29 23.4 -0.3	Pn
LCO				08 29 03.9 +0.7	Pn
comp=E,4.5nm,0.5s					
ETMB	Extrema	11.28 25	Pn	08 29 36.0 -0.9	Pn
VILB	Vilhana	12.59 57	Pn	08 29 57.4 +2.5	Pn
H03N1	Juan Fernandez	14.98 206	T	08 46 06.0	T
baz=33,slow=72,SNR=61					
H03N2	Juan Fernandez	14.98 207	T	08 45 59.0	T
baz=33,slow=72,SNR=34					
H03N3	Juan Fernandez	14.99 206	T	08 45 53.6	T
baz=33,slow=72,SNR=40					
PLCA	Paso Flores	20.50 179	P	08 31 36.3 +0.4	Pn
PLCA				08 31 34.4 +0.7	Pn
BOAV	Boa Vista	24.67 26	P	08 32 16.1 -0.5	Pn
BOAV				08 32 38.3	IAMB
BCIP	Isla Barro Col	30.43 343	P	08 33 02.9 +1.0	Pn
MDP	Montagnes des	30.92 38	LR	08 44 48.8	LR
comp=Z,53nm,19.4s,baz=123,slow=6.5					
SNAAS	Sanas	64.17 161	P	08 37 30.2 +0.4	Pn
SNAAS				08 37 56.3	IAMB
comp=Z,4.2nm,1.4s					
QSPA	South Pole Qui	70.01 180	P	08 38 09.1 +1.9	Pn
VNDA	Vanda	77.81 190	P	08 38 56.5 +2.0	Pn
VNDA				08 38 58.3	IAMB
comp=Z,3.3nm,1.5s					
TOAO	Torodi Ar. Sit	78.77 71	P	08 38 56.9 -1.9	Pn
TOAO				08 39 06.4	IAMB
comp=Z,2.5nm,0.8s					
TORD	Torodi Ar. Bea	78.77 71	P	08 38 57.1 -1.7	Pn
TORD				08 38 57.8 -1.0	Pn
comp=Z,1.6nm,0.7s					
H1S12	WAKE ISLAND HyJ25.78 279	T	11 05 21.5	T	
H1S11	WAKE ISLAND HyJ25.77 279	T	11 05 33.1	T	
H1S13	WAKE ISLAND HyJ25.78 279	T	11 05 27.5	T	
H1S13	WAKE ISLAND HyJ25.78 279	T	11 05 16.8	T	
H1S13	WAKE ISLAND HyJ25.83 280	T	11 05 27.6	T	
H1S12	WAKE ISLAND HyJ25.83 280	T	11 05 25.7	T	
H1S11	WAKE ISLAND HyJ25.83 280	T	11 05 25.7	T	
MKAR	Makanchi Array	145.65 3	PKPbc	08 46 34.8 +0.2	PKPab
comp=Z,1.1nm,0.8s,baz=117,slow=3.4,SNR=9.8					
NEIC 05 08:44:1.0-1.0,7.35:670N,0:010:97.41W,0:011,h5km,2km, mb_Lg2.0/6,Error ellipse: s-maj=1.6km s-min=0.8km az=147.0,Oklahoma					

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
NOKA	Waynoka	1.57 308	Pn	08 44 37.5 -1.0	Pn
KAN08	Anthony New Sta	1.62 344	Pn	08 44 38.8 -0.4	Pn
KAN16	Harper SW Sta	1.64 341	Pn	08 44 39.2 -0.4	Pn
LOOK	Love County	1.68 174	Pn	08 44 40.1 0.0	Pn
X37A	Clayton	1.98 122	Pn	08 44 44.1 -0.1	Pn
RLO	Lookout	2.00 75	Pn	08 44 45.0 -0.1	Pn
U38A	Gravette	2.56 72	Pn	08 44 53.3 +1.1	Pn
HHAR	Hobbs	2.88 77	IAMB_Lg	08 45 44.8	Pn
comp=Z,3.8nm,0.9s					
MIAR	Mount Ida	3.33 109	Pn	08 45 03.8 +1.0	Pn
WHAR	Woolly Hollow	4.19 94	Pn	08 45 14.1 -0.5	Pn
FCAR	Ozark Folk Cen	4.04 86	Pn	08 45 16.6 +0.6	Pn
N38A	Jeas South For	6.08 31	IAMB_Lg	08 47 21.5	Pn
comp=Z,8.1nm,1.1s					
KRSC 05 08:51:56.4: 1.53:79N:159:01E, h171km, 10km, ML3.7					
IDC 05 08:51:58.0:0.8,54:04N:158:45E, h163km, mb3.1/8, mbtm3.6/8, Error ellipse: s-maj=54.5km s-min=16.9km az=176.0					
ISC 05 08:51:57.8:0.7,53:81N:0:05:158:91E:0:07,h168km,6km, n33,1503/48,mb3.3/8,Near east coast of Kamchatka Peninsula					
Code	Station Name	Δ° AZ'	Phase ID	Time	Res
KII	Karymskiy	0.39 55	Op	08 52 20.9 +0.1	ISC
KRX	Karik	0.48 199	P	08 52 21.4 +0.1	Pn
KRER	Korjayskiy	0.52 191	P	08 52 21.8 +0.2	Pn
SDLR	Sedoviy	0.54 182	P	08 52 21.7 +0.2	Pn
KOK	Koryak	0.55 197	P	08 52 21.9 +0.3	Pn
SMAR	Somma	0.56 187	P	08 52 22.1 +0.3	Pn
AVH	Avacha	0.56 191	P	08 52 22.7 +0.1	Pn
GAL	Ganalay	0.59 259	P	08 52 21.4 -0.3	Pn
GNL	Gul	0.58 39.6 -0.5	S	08 52 22.2 +0.3	Pn
UCLR	Uglovaya	0.61 185	P	08 52 21.9 +0.3	Pn
NLC	Nalychchevo	0.69 158	P	08 52 20.5 -0.2	Pn
DALK	Dalny	0.79 187	P	08 52 40.6 -0.2	Pn
DALK				08 52 27.7 -0.1	Pn
PET	Petropavlovsk	0.81 191	P	08 52 22.9 0.0	Pn
PET				08 52 42.4 +0.3	Pn
SPN	Mys Shipunski	0.98 137	P	08 52 23.3 -0.8	Pn
SPN				08 52 42.6 -1.7	Pn
PETK	Petropavlovsk-72nm,0.5s,baz=67,slow=12,SNR=173	1.01 226	P	08 52 23.2 -1.2	Pn
PETK				08 52 45.3 +0.5	S
11nm,0.8s,baz=54,slow=20,SNR=2.1					
KRMR	Karymskiy	1.09 206	P	08 52 24.9 -0.1	Pn
KRMR				08 52 45.8 -0.1	Sn
GRL	Gorelyy	1.36 202	P	08 52 28.1 +0.5	Pn
GRL				08 52 52.1 +1.7	Pn
MTVTR	Mutnovka	1.40 198	P	08 52 28.4 +0.4	Pn
MTVTR				08 52 52.9 +1.7	Pn
RUS	Russkaya	1.40 190	S	08 52 27.5 -0.3	Pn
RUS				08 52 49.7 -1.2	Pn
ASAK	Asacha	1.56 203	P	08 52 29.8 +0.4	Pn
ASAK				08 52 55.0 +1.3	Pn
TUMR	Tumrok	1.64 26	P	08 52 31.0 +0.8	Pn
TUMR				08 52 56.7 +1.3	Pn
MKZ	Mys Kozlova	1.82 65	P	08 52 31.6 -0.3	Pn
KDTR	Khodutka, Kamc	2.07 194	P	08 52 33.8 -1.0	Pn
KDTR				08 53 07.1 -1.7	Pn
ESO	Esso	2.12 357	P	08 52 35.3 0.0	Pn
KBG	Krubetregovo	3.28 40	P	08 52 41.1 -0.1	Pn
KBTR	Krubetregovo	3.29 42	P	08 52 48.9 +0.4	Pn
KBTR				08 53 28.4 -1.2	Pn
ILAR	Eielson Array	28.82 46	P	08 57 40.1 +0.4	Pn
0.2nm,0.6s,baz=271,slow=8.2,SNR=2.6					
0.2nm,0.6s					
INK	Inuvik	37.73 38	P	08 58 23.8 +1.1	Pn
0.5nm,0.3s,baz=292,slow=6.7,SNR=14					
0.5nm,0.3s					
YKA	Yellowknife Ar	43.11 43	P	08 59 41.4 +0.6	Pn
0.3nm,0.7s,baz=301,slow=7.3,SNR=2.2					
0.3nm,0.7s					
KURBB	Kurchatov Arra	46.85 301	P	09 00 08.3 -2.2	Pn
1.1nm,0.5s,baz=59,slow=7.5,SNR=7.7					
1.1nm,0.5s					
MKAR	Makanchi Array	47.21 294	P	09 00 11.4 -2.0	Pn
0.7nm,0.5s,baz=55,slow=7.1,SNR=9.2					
0.7nm,0.5s					
PDAR	Pyroclastic Array	57.79 60	P	09 01 33.0 +1.6	Pn
0.2nm,0.6s,baz=352,slow=2.0,SNR=5.5					
0.2nm,0.6s					
FINES	FINESS Array B	59.17 336	P	09 01 38.8 -1.5	Pn
1.2nm,0.5s,baz=33,slow=8.3,SNR=5.1					
1.3nm,0.9s					
TXAR	Lajitas Array	71.00 66	P	09 02 58.8 +1.6	Pn
0.2nm,0.5s,baz=292,slow=4.8,SNR=5.8					
0.2nm,0.5s					
DJA 05 08:52:55.4:1.4,0:54:12'6"E, h18km±11km, M3.9/9, mb4.2/3,MLV3.8/9,Southern Molucca Sea					
Code	Station Name	Δ° AZ'	Phase ID	Time	Res
KMSI	Cibinong	1.81 297	Op	08 53 27.0 +1.1	ISC
KMSI				08 53 29.3 +1.0	Pn
SANI	Sanana	1.83 168	P	08 53 26.9 +0.9	Pn
SANI				08 53 50.2 -0.7	Pn
LBMI	Labuha	1.94 101	P	08 53 27.6 +0.1	Pn
LBMI				08 53 51.6 +0.2	Pn
LWUI	Luwuk	2.94 254	P	08 53 42.0 +1.1	Pn
APSI	Ampana	4.00 261	P	08 53 55.5 -0.4	Pn
TTSI	Tana Toraja	6.41 244	P	08 54 27.7 -1.3	Pn
SPSI	Sidrap Palu	6.90 238	P	08 54 35.0 -0.7	Pn
NNC 05 08:53:45.6:1.7,54:57N:86:76E, h0km, mb3.3, mpv3.1, Error ellipse: s-maj=38.2km s-min=9.4km az=156.0, Suspected Mining explosion					
IDC 05 08:53:47.9:2.8,54:29N:86:81E, h0km, mbtm3.3/2, ML2.8/2, Error ellipse: s-maj=22.86km s-min=15.4km az=58.0					
ISC 05 08:53:48.8:4.5,54:3N:0:02:86:6E:0:2,h0km,n9,123/11, 9C,Southwestern Siberia					
Code	Station Name	Δ° AZ'	Phase ID	Time	Res
I46RU	ZALESOVO INFRA	1.12 251	Op	09 02 00.0	ISC
ZAAO	Zalozovo Array	1.12 251	Op	08 54 09.7 -0.5	Pn
2.0nm,0.8s					
ZAAO				08 54 27.9 +0.2	Pn
ZALV	Zalozovo Beam	1.12 251	Pb	08 54 09.8 -1.1	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, ILAR Eielson Array, VNA1 Neumayer-Stat, PDAR Pineedale Array, AKASG Malin Array, TORO Torodi Arr.

IDC 05 09:21:18.8±1.0, 0.09S; 125.77E, h0km, mb3.8/7, mblmp3.8/8, ML3.5/1, MS4.2/1, Error ellipse: s-maj=51.6km s-min=17.9km az=68.0

NEIC 05 09:21:21.2±1.5, 0.21S; 0.06°125.7E±0.1, h10km, 2km, mb4.0/10, Error ellipse: s-maj=22.1km s-min=8.7km az=75.0

DJA 05 09:21:24.1±0.2, 0.2S; 12°12'6E, h10km, M4.2/13, mb4.4/5, MLV4.0/13

ISC 05 09:21:22.5±0.7, 0.25S; 0.05°125.60E±0.04, h10km, n33, s1956/37, mb4.0/13, Southern Molucca Sea

Main station list table for the first section, including stations like KMSI Cibinong, KMSI Sanana, SANI Sani, LBMI Labuha, etc.

IDC 05 09:31:22.1±3.0, 54°40'N-87°12'E, h0km, mblmp2.9/2, ML2.7/2, Error ellipse: s-maj=26.6km s-min=19.7km az=46.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

ISK 05 09:36:21.8, 39°42'N-25°92'E, h8km, ML3.1/38, ATH 05 09:36:22.1, 39°42'N-26°02'E, h12km, 7km, ML3.2/2, Error ellipse: s-maj=10.8km s-min=1.7km az=253.0

THE 05 09:36:22.8, 39°42'N-25°93'E, h9km, 1km, ML2.9/6, Error ellipse: s-maj=1.7km s-min=0.6km az=202.0

DDA 05 09:36:23.3±0.9, 39°43'N-25°99'E, h11km, ML3.1

SCIF 05 09:36:27.0, 40°42'N-27°15'E, h16km, MD3.1

ISC 05 09:36:22.8±0.8, 39°41'N-02°25.97E±0.02, h13km, 6km, n76, c0574/100, Aegean Sea

Main station list table for the second section, including stations like GPNR Gulpinar-Canak, KOKA Canakkale, AZL Aizawl, etc.

Main station list table for the third section, including stations like LIA Limnos Island, GOKA anakkale-Gk, GOKA Givkegeada, etc.

IDC 05 09:36:39.0±3.1, 53°64'N-87°90'E, h0km, mblmp3.1/2, ML2.8/2, Error ellipse: s-maj=25.4km s-min=16.3km az=59.0

NNC 05 09:36:40.3±3.7, 53°53'N-87°78'E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=28.3km s-min=15.4km az=65.0, Suspected Mining explosion.

ISC 05 09:36:40.6±3.9, 53°71'N-01°18.77E±0.2, h0km, n8, c0991/10, 7C-12, Southwestern Siberia

Main station list table for the fourth section, including stations like H46RU ZALESOVO INFRA, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, etc.

Main station list table for the fifth section, including stations like GPNR Gulpinar-Canak, KOKA Canakkale, BOZC Bozcaada, etc.

IDC 05 09:42:55.7±5.4, 3°06'S-140°02'E, h125km, 57km, mb3.1/2, mblmp3.5/3, Error ellipse: s-maj=139.6km s-min=21.4km az=91.0, Irian Jaya

WRA Warramunga Arr 17.68 198 P 09 46 52.7 -0.7

WRA 1.2nm, 0.7s, baz=2.6, slow=23, SNR=5.5

ASAR Alice Springs 21.32 196 P 09 47 33.2 +0.3

ASAR 1.2nm, 0.7s, baz=20, slow=10, SNR=12

MKAR Makanchi Array 70.66 322 P 09 53 59.2 +0.1

BUJ 05 09:43:44.0±0.0, 24°30'N-95°20'E, h99km, mb4.1/17, mb4.5/7

NEIC 05 09:43:44.5±1.8, 24°84'N-08°95'21E±0.07, h101km, 7km, mb4.4/23, Error ellipse: s-maj=12.6km s-min=7.9km az=200.0

NDI 05 09:43:45.6±2.4, 24°83'N-94°90'E, h125km, 17km, ML3.6, mb4.4(NEIC)

IDC 05 09:43:46.3±3.2, 24°69'N-95°14'E, h129km, 32km, mb3.6/16, mblmp4.0/17, MS2.2/1, Error ellipse: s-maj=28.4km s-min=12.8km az=57.0

ISC 05 09:43:44.6±0.6, 24°70'N-0°06.958E±0.06, h112km, n80, c05980/mb4.2/26, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IMP Imphal, KOHI KOHIMA, MOKO MOKOCHONG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes stations like Mentasta, Nabesna, AK, Beaver Creek, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes stations like Dobruska-Polom, Upec, VRAC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes stations like Mina Guanaco, IPOC Station, etc.

Table with columns: ASAR, comp-Z, P, PcP, 11 57 48.0 +0.8, etc. Lists various meteorological observations and forecasts.

KRNET 05 11:52:40.5:0.1,39.48N:73.63E,mb3.7
SOME 05 11:52:40.8,39.35N:73.57E,h15km
NMC 05 11:52:44.8:1.1,39.53N:73.50E,h0km,mb3.8,mpv3.5,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for various locations like Osh, Batken, etc.

Main table with columns: TKM2, Az, Phase ID, Time, Res, etc. Lists station data for various locations like KST, KST, DGS, etc.

Table with columns: WRA, Warramunga Arr, 17.15 218, P, P, 12 11 46.0 -0.2, etc. Lists station data for various locations like ASAR, ASAR, STKA, etc.

IDC 05 12:07:54.9:6.9,6.46S,145.36E,h131km,51km,mb3.2/2,
mbtmp3.7/4, Error ellipse: s-maj=63.7km s-min=45.1km
az=170.0, New Guinea

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HEBO, H04D, H04H, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA, ASAR, ILAR, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OHH, BTK, ARLS, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UCH, TRKS, MRKS, etc.

IDC 05 15:04:32.6:0.9,54:91N:164:19E, h0km, mb3.7/7, mtbmp3.7/9, ML3.2/2, MS2.7/5, Error ellipse: s-maj=32.6km

KRSC 05 15:04:33.1:1.4,54:88N:164:13E, h49km,28km, ML4.3

MOS 05 15:04:35.6:1.1,54:92N:164:15E, h38km, mb3.9/1, Error ellipse: s-maj=7.0km s-min=5.8km az=64.7

ISC 05 15:04:35.2:0.7,54:87N:164:04E, h24km, n95, e163/125, mb3.8/8, Komandorsky Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BKI, MKZ, KBTR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRX, KRK, KOK, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MTVR, GRL, OSSR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KMSK, MAZ, YAK, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ILAR, H1N2, H1N3, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DAV, CMAR, TXAR, etc.

MOS 05 15:22:11.8:0.9,21:80N:145:34E, h11km, mb5.3/6/9, MS4.7/12, Error ellipse: s-maj=7.6km s-min=4.6km az=104.7

NEIC 05 15:22:14.6:1.0,21:87N:164:15E, h13km, mb5.2/2/98, Mwb5.0/31, Error ellipse: s-maj=16.4km s-min=10.2km az=76.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JCJ, GUMO, MAJO, etc.

JUNU	comp=Z,78nm,1.1s,baz=125,slow=6.9,SNR=18	LR	LR		15 32 11.0
JSD	comp=Z,1µm,21.6s,baz=138,slow=35	P	P		15 26 16.6 -0.5
PATS	Sado	17.23 341	P	P	15 26 16.6 -0.5
KSBSU	Polmppei	19.47 138	P	P	15 26 40.6 -1.1
KSBSU	Busan	19.51 317	I	Amb	15 26 59.9
ERM	comp=Z,60nm,1.0s				
ERM	Erimo	20.22 355	eP	Pn	15 26 50.5 -0.9
H11S3	WAKE ISLAND Hy	20.31 96	T	T	15 47 28.0
H11S1	WAKE ISLAND Hy	20.32 96	T	T	15 47 31.0
H11S2	WAKE ISLAND Hy	20.33 96	T	T	15 47 32.8
NAWB	Namwon	20.73 315	P	P	15 26 54.8 -0.2
JEW	Eniwo	21.21 352	P	P	15 26 60.0 -0.1
TJIN	Taejon	21.33 317	eP	P	15 27 01.7 +0.4
KSRS	Korea Array	21.66 320	P	P	15 27 06.6 +1.7
KSRS	comp=Z,30nm,1.0s,baz=144,slow=9.6,SNR=23				
KSRS	ScP				15 34 40.6 +0.5
KSRS	comp=Z,0.9nm,0.7s,baz=114,slow=5.6,SNR=4.8	LR	LR		15 35 55.9
SEHB	SEOHWA	22.02 322	P	P	15 27 08.1 -0.7
SHO	Shikotan	22.03 3	iP	P	15 27 11.4 +2.6
YHNB	Yeheng	22.19 282	P	P	15 27 09.7 -1.2
YULB	Yu-li	22.24 279	P	P	15 27 10.4 -1.0
SSLB	Suunglung	22.56 280	P	P	15 27 15.0 +0.3
KUR	comp=Z,136nm,1.3s	23.45 4	eP	P	15 27 24.0 +0.5
KUR	Kuril'sk		S	S	15 31 35.9 +1.4
KUR			eSS	SnSn	15 32 12.7 +0.8
KUR	comp=Z,212nm,1.3s				
KUR	comp=Z,700nm,14.0s				
KUR	comp=N,800nm,13.0s				
SSE	Sheshan	23.47 298	P	P	15 27 22.2 -1.7
SSE			S	S	15 31 34.9 -0.3
SSE	comp=N,14nm,0.7s				
SSE	comp=N,130nm,3.6s				
SSE	comp=N,390nm,19.8s				
SSE	comp=N,490nm,21.6s				
MANU	Manus Island	23.80 175	P	P	15 27 26.2 -0.9
VLA	Vladivostok	24.02 335	iP	P	15 27 28.1 -0.9
TEY	comp=Z,92nm,1.4s	24.25 345	eP	P	15 27 35.6 +4.6
TEY	Ternei		e		15 31 47.3
TEY	comp=N,10.0nm,1.4s				
TEY	comp=Z,10.0nm,1.2s				
TGY	Tagaytay City	24.42 256	P	P	15 27 31.8 -1.2
SMPI	comp=Z,104nm,0.4s,baz=160,slow=12,SNR=3.0				15 27 47.5 +1.4
OZH	Sarni	24.53 196	P	P	15 27 33.5 -2.2
OZH	Quanzhou	24.73 282	iP	P	15 31 49.5 -6.0
OZH			S	S	15 32 05.9 +1.0
OZH	comp=Z,220nm,6.1s				
OZH	comp=Z,560nm,19.9s				
OZH	comp=Z,1µm,19.9s				
OZH	comp=Z,2µm,19.4s				
GENI	Genyem	24.78 192	P	P	15 27 43.7 +7.6
USA0B	Ussuriysk Arra	24.90 337	P	P	15 27 34.4 -2.6
USA0B	Ussuriysk Arra	24.90 337	P	P	15 27 34.4 -2.6
USRK	comp=Z,27nm,0.9s	24.90 337	P	P	15 27 35.7 -1.3
USRK	Ussuriysk Ar.	24.90 337	P	P	15 27 35.5 -1.5
USRK	Ussuriysk Ar.	24.90 337	P	P	15 27 35.5 -1.5
YSS	Yuzh-Sakhalins	25.16 356	I	Amb	15 27 38.6 -0.7
YSS	comp=Z,55nm,1.2s				15 27 49.6
YSS	Yuzh-Sakhalins	25.16 356	eP	P	15 27 41.2 +1.9
YSS			eS	S	15 32 03.0 +1.0
YSS	comp=Z,40nm,1.2s				
YSS	comp=N,200nm,8.8s				
NJ2	comp=Z,1µm,15.0s	25.65 299	P	P	15 27 45.0 +1.0
NJ2	Nanjing		sP	pP	15 27 52.8 +0.2
NJ2			S	S	15 32 12.7 +2.6
NJ2			sS	pS	15 32 19.9 +0.5
NJ2	comp=Z,20nm,0.7s				
NJ2	comp=Z,320nm,3.5s				
NJ2	comp=Z,950nm,14.3s				
NJ2	comp=Z,1µm,16.9s				
NJ2	comp=Z,1µm,20.4s				
MDJ	Mudanjiang	26.18 334	P	P	15 27 51.5 +2.9
MDJ			pP	pwP	15 28 01.7 -1.1
MDJ			sP	sS	15 28 06.4 +5.3
MDJ			S	S	15 32 22.6 +4.3
MDJ	comp=Z,8.0nm,1.7s				
MDJ	comp=Z,410nm,11.1s				
MDJ	comp=Z,1µm,13.0s				
MDJ	comp=Z,1µm,17.2s				
MDJ	comp=Z,430nm,20.2s				
DL2	Dalian	26.50 315	P	P	15 27 53.2 +1.7
DL2			S	S	15 32 30.0 +6.7
DL2	comp=Z,24nm,1.0s				
DL2	comp=Z,310nm,6.1s				
DL2	comp=Z,1µm,16.5s				
DL2	comp=Z,700nm,22.9s				
DL2	comp=Z,910nm,20.5s				
RABL	Rabat	26.70 165	P	P	15 27 53.1 -0.5
KRVT	Karavat (AS076)	26.78 165	P	P	15 27 54.6 +0.4
KRVT	comp=Z,33nm,0.9s,baz=184,slow=18,SNR=5.4				15 38 15.5
KRVT	comp=Z,601nm,18.9s,baz=124,slow=36				
SNY	Shenyang	27.06 322	iP	P	15 27 56.8 +0.2
SNY			S	S	15 32 37.2 +5.0
SNY	comp=Z,22nm,1.2s				
SNY	comp=Z,320nm,8.2s				
SNY	comp=Z,1µm,14.5s				
SNY	comp=Z,1µm,20.2s				
SNY	comp=Z,2µm,20.1s				
CN2	Changchun	27.43 328	eP	P	15 28 01.3 +1.4
CN2			eS	S	15 32 36.0 -2.0
CN2	comp=Z,10.0nm,0.6s				
CN2	comp=Z,300nm,9.6s				
CN2	comp=Z,1µm,17.0s				

CN2	comp=Z,1µm,17.0s	LR	LR		
CN2	comp=Z,1µm,19.0s	LR	LR		
BNX	BinXian	28.00 333	iP	P	15 28 07.6 +2.6
BNX			pP	pP	15 28 14.3 +0.7
BNX			sP	pwP	15 28 19.1 -0.1
BNX			S	S	15 32 50.9 +4.0
BNX	comp=Z,10.0nm,1.0s				
BNX	comp=Z,220nm,8.1s				
BNX	comp=Z,930nm,18.1s				
BNX	comp=Z,940nm,16.8s				
BNX	comp=Z,1µm,16.5s				
TIA	Taian	28.41 307	P	P	15 28 08.8 +0.1
TIA			PcP	PcP	15 31 20.0 -0.6
TIA			S	S	15 32 57.4 +3.8
TIA			ScP	ScP	15 34 59.5 +0.3
TIA	comp=Z,11nm,1.1s				
TIA	comp=Z,7.7nm,3.9s				
TIA	comp=Z,230nm,13.7s				
TIA	comp=Z,930nm,14.9s				
TIA	comp=Z,1µm,14.2s				
WHN	Wuhan	29.06 294	iP	P	15 28 14.6 +0.1
WHN			S	S	15 33 09.7 +5.9
WHN	comp=Z,720nm,16.3s				
WHN	comp=Z,1µm,11.3s				
WHN	comp=Z,2µm,23.0s				
KLR	Kul'dur	29.41 342	P	P	15 28 18.4 +0.9
KLR	comp=Z,11nm,0.9s,baz=155,slow=7.9,SNR=10				15 35 00.9 -1.1
KLR	comp=Z,2.9nm,1.0s,baz=61,slow=4.9,SNR=4.0				15 39 59.6
KLR	comp=Z,870nm,21.4s,baz=150,slow=36				
KLR	comp=Z,11nm,0.9s				
KLR	Kul'dur	29.41 342	eP	P	15 28 19.0 +1.6
GRNR	Gornyy	29.73 349	iP	P	15 28 24.7 +4.5
GRNR	comp=Z,4.0nm,1.0s				
CNSH	ChangSha	29.98 289	iP	P	15 28 20.7 -2.1
CNSH			S	S	15 33 16.0 -2.5
CNSH	comp=Z,1µm,17.8s				
CNSH	comp=Z,1µm,19.0s				
CNSH	comp=Z,2µm,19.5s				
HNS	HongShan	30.65 307	iP	P	15 28 29.1 +0.5
HNS			pP	pP	15 28 33.9 -3.4
HNS			S	S	15 33 29.5 +0.7
HNS			sS	pS	15 33 38.7 +0.4
HNS	comp=Z,15nm,1.5s				
HNS	comp=Z,500nm,14.9s				
HNS	comp=Z,930nm,16.0s				
HNS	comp=Z,870nm,16.7s				
MYLDM	Lahad Datu	30.80 241	P	P	15 28 29.1 -1.0
MYLDM	comp=Z,57nm,1.1s				15 28 54.3
MRSI	Marisa	31.15 230	P	P	15 28 35.5 +2.4
MRSI	comp=Z,628nm,comp=Z,35nm,1.2s				
LYN	LuoYang	31.48 301	iP	P	15 28 35.2 -0.7
LYN			pP	pP	15 28 43.5 -1.2
LYN			sP	sP	15 28 49.6 -0.4
LYN			S	S	15 33 41.9 +0.1
LYN	comp=Z,10.0nm,0.8s				
LYN	comp=Z,210nm,3.7s				
LYN	comp=Z,590nm,17.8s				
LYN	comp=Z,820nm,19.6s				
LYN	comp=Z,1µm,19.8s				
TOLIZ	Toitoli	31.55 233	P	P	15 28 36.8 +0.1
TOLIZ	comp=Z,58nm,1.4s				15 28 54.8
TIY	Taiyuan	32.45 307	eP	P	15 28 49.1 +4.6
TIY			S	S	15 33 51.5 -5.6
TIY	comp=Z,190nm,5.3s				
TIY	comp=Z,800nm,19.3s				
TIY	comp=Z,350nm,20.0s				
TIY	comp=Z,770nm,19.2s				
PEA0B	Petropavlovsk-	32.64 14	iP	P	15 28 45.8 -0.1
PETK	Petropavlovsk-	32.64 14	P	P	15 28 46.0 +0.1
PETK	comp=Z,7.1nm,1.0s,baz=184,slow=4.5,SNR=4.8				15 42 17.6
PETK	comp=Z,804nm,18.9s,baz=196,slow=37				
PETK	comp=Z,7.1nm,1.0s				
XLT	XilinHaoTe	32.72 319	eP	P	15 28 44.9 -1.9
XLT			pP	sP	15 28 58.2 -0.9
XLT			sP	pwP	15 29 03.9 +3.3
XLT			PcP	PcP	15 31 33.3 +1.5
XLT			S	S	15 34 00.6 -0.4
XLT			sS	sS	15 34 16.2 +0.6
XLT	comp=Z,8.0nm,1.0s				
XLT	comp=Z,130nm,5.1s				
XLT	comp=Z,1µm,18.1s				
XLT	comp=Z,2µm,19.4s				
MPSI	Mapaga	32.72 233	P	P	15 28 52.0 +5.0
PET	Petropavlovsk	32.79 15	P	P	15 28 47.5 +0.5
PET	comp=Z,56nm,1.4s				15 28 49.8
PET	Petropavlovsk	32.79 15	eP	P	15 28 46.0 -1.1
PET			eS	S	15 33 59.8 -1.8
PET	comp=Z,100nm,19.0s				
PET	comp=Z,40nm,1.4s				
PET	comp=Z,300nm,13.1s				
PET	comp=Z,1µm,21.0s				
PET	comp=Z,1µm,16.0s				
ENH	Enshi	33.18 292	P	P	15 28 49.5 -1.4
QIZ	Qiongzong	33.33 272	P	P	15 28 51.7 -0.6
QIZ			S	S	15 29 05.2 -1.4
QIZ			pP	pp	15 30 07.0 -1.1
QIZ			S	S	15 34 11.8 +0.8
QIZ			eS	eS	15 34 28.5 +2.9
QIZ	comp=Z,440nm,17.7s				
QIZ	comp=Z,800nm,19.2s				
QIZ	comp=Z,950nm,20.6s				
XAN	Xi'an	34.22 299	P	P	15 28 59.0 -1.0
XAN			pP	pP	15 29 08.4 -0.4
XAN			S	S	15 34 23.3 -1.3
XAN	comp=Z,9.0nm,1.8s				
XAN	comp=Z,240nm,7.5s				
XAN	comp=Z,580nm,18.0s				
XAN	comp=Z,770nm,23.7s				

HHC	comp=Z,1µm,18.6s				
HHC	Hu-ho-hao-te	34.24 311	eP	P	15 29 01.5 +1.4
HHC			S	S	15 34 30.8 +6.1
HHC	comp=Z,40nm,0.8s				
HHC	comp=Z,460nm,8.0s				
HHC	comp=Z,1µm,15.3s				
HHC	comp=Z,2µm,17.9s				
HHC	comp=Z,2µm,17.5s				
ZEA	Zeya	34.72 341	eP	P	15 29 05.3 +1.4
ZEA			eS	S	15 34 28.4 -3.1
ZEA	comp=Z,100nm,2.2s				
ZEA	comp=E,10.0nm,0.6s				
ZEA	comp=N,10.0nm,1.0s				
ZEA	comp=Z,20nm,1.2s				
ZEA	comp=E,100nm,9.3s				
ZEA	comp=N,100nm,9.5s				
TTSI	Tana Toraja	35.12 228	P	P	15 29 15.7 +7.9
TTSI	comp=N,30nm,1.0s				
SMKI	Samarinda	35.25 235	P</		

Spitsbergen Ar	76.05	350	LR	LR	16 09 39.2
comp=Z,381nm,21.0s	baz=8.0,slow=37				
F04A Amboy	76.16	46	P	P	15 34 02.1 +0.2
DRAIN OR	76.18	48	P	P	15 34 00.7 -1.4
K02D Willamette Mer	76.25	49	P	P	15 34 00.4 -2.3
K02D			S	S	15 43 42.6 -2.2
BUCK Buck Mountain	76.28	48	P	P	15 34 02.6 -0.3
H04D Lebanon	76.36	47	P	P	15 34 01.7 -1.4
L02F Cave Junction	76.48	50	P	P	15 34 02.5 -1.4
L02F			S	S	15 43 47.2 -0.2
RES Resolute Bay	76.49	14	LR	LR	16 07 54.1
comp=Z,150nm,21.9s	baz=304,slow=36				
H04A Detroit Lake	76.69	47	P	I Amb	15 34 04.5 -0.5
H04A			I Amb	I Amb	15 34 12.0
I04A Tendick Farm,	76.80	48	P	P	15 34 04.8 -0.9
baz=288					
HOOD Mount Hood Mea	76.85	46	P	P	15 34 06.4 +0.3
LIBTY Liberty	76.91	44	P	P	15 34 05.8 -0.5
LTY			I Amb	I Amb	15 34 29.1
G05D Wamic, OR	77.10	46	P	P	15 34 06.7 -0.7
baz=288					
J04D Umpqua Nationa	77.17	48	P	P	15 34 07.8 -0.3
J04D Umpqua Nationa	77.17	48	P	P	15 34 06.8 -1.3
YBH Yreka Blue Hor	77.21	50	LR	LR	16 01 23.2
comp=Z,334nm,20.9s	baz=310,slow=30				
L04D Klamath Falls	77.35	50	P	P	15 34 07.5 -1.5
L04D			S	S	15 43 55.8 -1.3
I05D Terrebonne, OR	77.37	47	P	P	15 34 07.6 -1.3
baz=288					
B08A Colville Reser	77.42	43	P	I Amb	15 34 08.0 -1.1
B08A			I Amb	I Amb	15 34 16.0
K04D Chiloquin, OR	77.61	49	P	P	15 34 08.6 -1.8
E07A Sunnyside	77.66	45	P	I Amb	15 34 10.2 -0.3
E07A			I Amb	I Amb	15 34 17.8
TBI Tubuai	77.73	121	eLR	LR	15 58 17.2
J05D Fort Rock, OR	77.77	48	P	P	15 34 09.8 -1.5
baz=288					
HAWA Hanford	77.92	45	P	I Amb	15 34 11.7 -0.2
HAWA			I Amb	I Amb	15 34 19.8
APA Apatity	77.99	339	iP	iP	15 34 10.7 -1.1
APA			pmax	pmax	15 34 17.7
D08A Wollman Farm,	78.11	44	P	P	15 34 12.8 -0.1
D08A			I Amb	I Amb	15 34 26.7
E08A Dider Farm, EI	78.20	45	P	I Amb	15 34 13.4 -0.1
E08A			I Amb	I Amb	15 34 27.5
G08A Pilot Rock	78.67	46	P	P	15 34 16.2 0.0
ORV Oroville	78.77	52	P	I Amb	15 34 16.8 +0.1
ORV			I Amb	I Amb	15 34 23.3
ORV Oroville	78.77	52	P	pmax	15 34 16.8 +0.1
ORV			pmax	pmax	15 34 25.1
E09A Wood Farm, Sta	78.79	44	P	I Amb	15 34 16.2 -0.5
E09A			I Amb	I Amb	15 34 25.1
WSAR Wadi Sarin	78.81	291	LR	LR	16 10 34.8
comp=Z,153nm,21.9s	baz=86,slow=37				
NEW Newport	78.85	42	LR	LR	16 02 53.7
comp=Z,469nm,21.4s	baz=301,slow=31				
NEW Newport	78.85	42	P	I Amb	15 34 17.0 0.0
NEW			I Amb	I Amb	15 34 24.6
NEW Newport	78.85	42	P	P	15 34 17.0 0.0
NEW			pmax	pmax	15 34 17.0 0.0
NEW Newport	78.85	42	P	P	15 34 15.3 -1.7
NEW			S	S	15 44 10.0 -2.7
MOD Modoc Plateau	78.86	49	I Amb	I Amb	15 34 16.6 -0.8
MOD			I Amb	I Amb	15 34 24.3
TAOE Nuku Hiva Isla	79.13	104	eLR	LR	15 58 56.3
comp=Z,392nm,21.4s					
ARCES ARCES Array B	79.44	342	P	P	15 34 19.5 -0.3
comp=Z,6.9nm,0.9s	baz=54,slow=8.2,SNR=7.9				
ARCES			LR	LR	16 17 36.1
BEKR Beckworth	79.50	51	P	I Amb	15 34 20.3 -0.7
BEKR			I Amb	I Amb	15 34 27.5
F10A Beach Ranch, E	79.58	45	P	P	15 34 20.8 -0.3
WVOR Wild Horse Val	79.85	48	P	I Amb	15 34 20.6 -2.1
WVOR			I Amb	I Amb	15 34 29.7
WVOR Wild Horse Val	79.85	48	P	pmax	15 34 20.6 -2.1
WVOR			pmax	pmax	15 34 29.7
BMO Blue Mountains	79.92	46	P	I Amb	15 34 22.7 -0.3
BMO			I Amb	I Amb	15 34 30.0
BMO Blue Mountains	79.92	46	P	pmax	15 34 22.7 -0.3
BMO			pmax	pmax	15 34 30.0
MPK Maris Peak	79.93	52	P	I Amb	15 34 22.4 -1.0
MPK			I Amb	I Amb	15 34 30.1
CMB Columbia Colle	80.10	53	P	I Amb	15 34 23.7 -0.4
CMB			I Amb	I Amb	15 34 34.8
CMB Columbia Colle	80.10	53	P	pmax	15 34 23.7 -0.4
CMB			pmax	pmax	15 34 34.8
PAHR Pah Rah Range	80.26	51	P	P	15 34 24.5 -0.5
WALA Waterton Lakes	80.54	41	P	I Amb	15 34 25.6 -0.7
WALA			I Amb	I Amb	15 34 33.8
YERR Yerington	80.61	52	P	I Amb	15 34 26.1 -0.9
YERR			I Amb	I Amb	15 34 34.0
PLID Pearl Lake	80.70	45	P	P	15 34 26.5 -0.9
JTMT Jette	80.81	42	P	I Amb	15 34 27.2 -0.6
JTMT			I Amb	I Amb	15 34 34.7
MAK Makhachkala	80.91	313	eP	P	15 34 26.9 -1.3
MAK			e	e	15 37 31.1
MAK			eSS	eSS	15 44 32.9 -2.2
MAK			pmax	pmax	15 53 07.3
DAG Danmarks Havn	81.15	356	iP	P	15 34 32.6 +3.8
MDPB Devils Postpil	81.21	53	P	P	15 34 30.1 -0.1
MISO Missoula	81.38	43	P	P	15 34 28.8 -2.0
VRH Novokhoporsky	81.39	322	eP	P	15 34 29.4 -1.2
VRH			pmax	pmax	15 34 30.0
LHV Little Huntoon	81.41	52	P	I Amb	15 34 30.8 -0.2
LHV			I Amb	I Amb	15 34 56.3
KVN Kaiserville	81.42	51	P	I Amb	15 34 30.8 -0.5
KVN			I Amb	I Amb	15 34 38.1
KVN Kaiserville	81.42	51	P	pmax	15 34 30.8 -0.5
KVN			pmax	pmax	15 34 38.1
MFID Camas Ranch	81.43	47	P	I Amb	15 34 30.7 -0.4
MFID			I Amb	I Amb	15 34 38.1
NVAR Mina Array Bea	81.50	52	P	P	15 34 32.3 +0.6
comp=Z,3.2nm,0.8s	baz=267,slow=5.8,SNR=31				
NVAR			LR	LR	16 07 42.3
NVAR Mina Array Bea	81.50	52	P	P	15 34 31.3 -0.5

BMN Battle Mountai	81.56	50	P	P	15 34 31.6 -0.3
BMN Battle Mountai	81.56	50	P	pmax	15 34 31.6 -0.3
BMN			pmax	pmax	15 34 31.6 -0.3
NV11 Mina Array Sit	81.60	52	I Amb	I Amb	15 34 31.3 -0.9
NV11			I Amb	I Amb	15 34 39.1
PKM McPherson Peak	81.62	56	P	P	15 34 31.1 -1.3
baz=291					
MOS Moscow	81.67	327	eP	S	15 34 30.7 -1.3
MOS			eP	S	15 44 39.2 -2.7
VES Vestal, Richgr	81.84	55	P	P	15 34 32.0 -1.3
baz=291					
SBC Santa Barbara	81.85	56	P	P	15 34 32.5 -0.9
baz=29					
BCW Bitter Crk WRG	81.91	56	P	I Amb	15 34 33.2 -0.6
GROC			I Amb	I Amb	15 34 55.1
GROC Groznyy	81.98	313	eP	S	15 34 30.8 -3.1
GROC			eP	S	15 44 42.2 -3.5
GROC			pmax	pmax	15 44 42.2 -3.5
SCZ2 Santa Cruz Isl	82.07	57	P	P	15 34 32.5 -2.1
baz=291					
ARVO Hailey	82.28	55	P	P	15 34 33.0 -2.7
baz=291					
HLID Hailey	82.33	46	P	P	15 34 35.7 -0.2
HLID			P	P	15 34 34.4 -1.6
ISA Isabella, Lake	82.36	55	P	P	15 34 34.3 -1.8
ISA			P	P	15 34 34.3 -1.8
ISA Isabella, Lake	82.36	55	P	P	15 34 34.8 -1.4
ISA			P	P	15 34 34.8 -1.4
LPSR Galich ya Gora	82.37	324	eP	pmax	15 34 34.6 -1.1
LPSR			pmax	pmax	15 34 34.6 -1.1
CWC Cottonwood Cre	82.38	54	P	P	15 34 35.2 -1.1
baz=292					
LCH Lotter Range Ra	82.42	53	P	P	15 34 36.1 -0.4
SNCC San Nicolas Is	82.42	57	P	P	15 34 35.9 -0.5
baz=291					
OBN Obninsk	82.49	327	P	LR	15 34 36.5 +0.3
comp=Z,4.7nm,0.4s	baz=85,slow=3.2,SNR=5.4				
OBN			LR	LR	16 13 58.1
OBN Obninsk	82.49	327	I Amb	I Amb	15 34 38.2
OBN			I Amb	I Amb	15 34 38.2
OBN Obninsk	82.49	327	eP	e	15 34 36.5 +0.3
OBN			e	e	15 37 43.7
OBN			i	i	15 44 50.4 +0.1
OBN			eSS	eSS	15 50 11.1 0.0
OBN			pmax	pmax	15 50 11.1 0.0
OBN			MLR	MLR	15 50 11.1 0.0
VORR Voronezh	82.62	323	eP	pmax	15 34 37.7 +0.6
VORR			pmax	pmax	15 34 37.7 +0.6
GRAC Grapevine Rang	82.71	53	P	P	15 34 37.5 -0.4
baz=292					
LRM Lilekin Ridge	82.72	44	P	P	15 34 37.9 -0.1
HRV Lotter Researc	82.75	43	P	P	15 34 37.9 -0.1
Dillon	82.81	44	P	P	15 34 37.9 -0.6
ELK Elko	82.84	49	LR	LR	16 07 08.0
comp=Z,316nm,19.9s	baz=321,slow=32				
ELK			I Amb	I Amb	15 34 38.3 -0.5
ELK			I Amb	I Amb	15 34 45.6
ELK Elko	82.84	49	P	pmax	15 34 38.3 -0.5
ELK			pmax	pmax	15 34 38.3 -0.5
VSR Storozevoye	82.85	322	eP	pmax	15 34 38.8 +0.6
VSR			pmax	pmax	15 34 38.8 +0.6
MCMT McKenzie Canyo	82.86	45	P	P	15 34 38.4 -0.4
MPWC Manual Prosp	82.96	54	P	P	15 34 39.2 -0.2
baz=292					
EDW Edwards Ar F	83.01	55	P	P	15 34 39.2 -0.3
LRMC Laurel Mtn Rad	83.03	55	P	P	15 34 39.2 -0.5
baz=292					
GOF Gofitskoye	83.08	316	eP	P	15 34 40.5 +0.9
FMP Fort Macarthur	83.21	57	P	P	15 34 39.9 -0.6
CIS Catalina Islan	83.23	57	P	P	15 34 39.7 -1.0
baz=292					
FURC Furnace Creek,	83.28	54	P	P	15 34 40.3 -0.5
baz=292					
SCi2 San Clemente I	83.28	57	P	P	15 34 40.2 -0.7
baz=292					
BOZ Bozeman (W)	83.34	44	P	P	15 34 41.0 -0.1
BOZ			pmax	pmax	15 34 41.1 -0.1
BOZ Bozeman (W)	83.34	44	P	P	15 34 41.1 -0.1
BOZ			pmax	pmax	15 34 41.1 -0.1
BOZ Bozeman (W)	83.34	44	P	P	15 34 39.8 -1.4
baz=294					
ZEI Tsey	83.43	313	eP	pmax	15 34 39.1 -2.6
ZEI			pmax	pmax	15 34 39.1 -2.6
QSM Queen of Sheba	83.47	54	P	I Amb	15 34 41.8 0.0
QSM			I Amb	I Amb	15 34 51.8
EGMT Eagleton	83.49	41	P	P	15 34 41.1 -0.7
EGMT			P	P	15 34 40.1 -1.7
R11A Troy Canyon, C	83.51	51	P	P	15 34 40.5 -1.7
GWY Greenwater Val	83.53	54	P	I Amb	15 34 41.7 -0.6
GWY			I Amb	I Amb	15 34 48.9
TPNV Topopah Spring	83.56	53	P	P	15 34 41.8 -0.6
baz=292					
KBZ Khabaz	83.72	315	P	P	15 34 43.5 +0.6
comp=Z,29nm,0.9s	baz=113,slow=0.6,SNR=31				
KBZ			LR	LR	16 15 10.7
KBZ Khabaz	83.72	315	iP	pmax	15 34 42.1 -0.7
KBZ			pmax	pmax	15 34 42.1 -0.7
KVAR Kislovodsk Arr	83.76	315	LR	LR	16 16 33.7
comp=Z,38nm,1.0s	baz=271,slow=39				
GSC Goldstone, Ba	83.76	55	P	I Amb	15 34 43.4 0.0
GSC			I Amb	I Amb	15 34 50.1
GSC Goldstone, Bar	83.76	55	P	pmax	15 34 43.4 0.0
GSC			pmax	pmax	15 34 43.4 0.0
GSC Goldstone, Bar	83.76	55	P	P	15 34 42.7 -0.7
baz=292					
KIV Kislovodsk	83.76	315	P	P	15 34 43.5 +0.3
KIV			P	P	15 34 44.0 +0.7
KIV			e	e	15 37 55.0
KIV			eSS	eSS	15 45 01.3 -2.7

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

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like F33A, LP1G, ECSD, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OKCSW, KAN01, KAN10, etc.

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Table with columns: SUSD, Miller, I37A, L42A, etc. Includes station names and coordinates.

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

IDC 05 17:25:56.9 1.8 58.95N 31.39W, h0km, mb3.5/6, mbtm3.6/8, ML3.7/2, MS3.4/16, Error ellipse: s-maj=38.4km s-min=27.2km az=65.0

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

IDC 05 17:51:21.0 0.6 21.78N 145.55E, h0km, mb3.9/16, mbtm3.9/18, ML3.8/2, MS3.1/6, Error ellipse: s-maj=28.2km s-min=16.4km az=86.0

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

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Table with columns: WRO, WB2, WBA, etc. Includes station names and coordinates.

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

IDC 05 17:57:40.1 0.7 21.65N 144.56E, h0km, mb3.2/3, mbtm3.5/4, Error ellipse: s-maj=27.97km s-min=27.2km az=79.0, Mariana Islands region

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

IDC 05 18:02:21.6 6.8 3.72N 96.38E, h0km, mb3.4/3, mbtm3.4/3, Error ellipse: s-maj=348.7km s-min=28.0km az=56.0, Northern Sumatra

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

IDC 05 18:15:14.6 6.1 0.41 63S 73.99W, h0km, mb4.1/10, mbtm4.1/10, MS3.3/8, Error ellipse: s-maj=23.5km s-min=17.3km az=133.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LL05, LL06, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IPH, KULM, SRIT, PBA, WYKOM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MKXZ, MATAKAOA POINT, WMGZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like QLK, QUIPIE, STEPHENS CREEK, etc.

NEIC 05 19:02:13.8-1.9, 24.6S:0.2-175.18W:0.07, h10km, 2km, mb4.7/6, Error ellipse: s-maj=37.9km s-min=8.6km az=170.0

IDC 05 19:02:15.1-1.5, 24.64S:175.64W, h0km, mb3.8/7, mbtmp3.9/8, ML5.2/1, Error ellipse: s-maj=61.7km s-min=24.0km az=161.0

ISC 05 19:02:21.3-0.9, 24.0S:0.2-175.9W:0.2, h31km, n20, 0.659/17, mb4.0/10, South of Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NIUE, MSVF, RAR, CTA, ASAR, WR0, WB2, WB0, WRA, WRA, KNRA, NVAR, TROLL, VNA3, TXAR, ILAR, CMAR, AKASG, etc.

NEIC 05 19:06:45.0-1.3, 32.94S:0.08-177.9W:0.1, h10km, 1km, mb5.2/135, Error ellipse: s-maj=14.5km s-min=13.4km az=92.0

MOS 05 19:06:45.1-1.0, 32.93S:177.92W, h18km, mb5.3/12, MS4.6/9, Error ellipse: s-maj=10.4km s-min=8.3km az=85.7

WEL 05 19:06:46.9-0.9, 33.6S:17.8W:1.5, h33km, M5.3/15, mb5.7/13, ML6.0/15, MLV5.7/15, Mw(mb)5.2/13, Error ellipse: s-maj=0.0km s-min=0.0km az=08.3

IDC 05 19:06:48.8-1.7, 32.82S:178.03W, h44km, 14km, mb4.6/17, mbtmp4.8/20, ML5.6/3, MS4.0/40, Error ellipse: s-maj=13.4km s-min=11.8km az=80.0

GCMT 05 19:06:50.0-0.2, 32.96S:0.02-177.76W:0.02, h47km, MW5.0/81, Moment Tensor Solution. s78,c95; s81,c110; Duration: 0 Moment tensor: Scale 10^16Nm; Mr4, 1.3E-14; Mw=0.75E-10; Mo=3.38E-09; Mo0.20E-08; Mo0.62E-08; Mo=1.52E-08; Best double couple: Mo4, 1.1500E+10

NP1.8E+18, 0.0000E+00, 0.35, 0.0000E+00, 1.100, 0.0000E+00. NP2: 0.5, 1.8E+18, 0.0000E+00, 0.55, 0.0000E+00, 1.83, 0.0000E+00. Principal axes: T 4.440E, P1g78.0000E, Azm72.0000E, N -0.6650E, P1g5.0000E, Azm190.0000E, P 3.7840E, P1g10.0000E, Azm281.0000E. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 05 19:06:54.4, 33.86S:177.64W, h170km, mb5.2/14, South of Kermadec Islands

ISC 05 19:06:48.2-0.2, 33.01S:0.04-177.95W:0.05, h34km, n680, s122/666, mb5.2/99, MS4.2/45, 45C-13D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NIUE, MSVF, RAR, CTA, ASAR, WR0, WB2, WB0, WRA, WRA, KNRA, NVAR, TROLL, VNA3, TXAR, ILAR, CMAR, AKASG, etc.

NEIC 05 19:06:45.0-1.3, 32.94S:0.08-177.9W:0.1, h10km, 1km, mb5.2/135, Error ellipse: s-maj=14.5km s-min=13.4km az=92.0

MOS 05 19:06:45.1-1.0, 32.93S:177.92W, h18km, mb5.3/12, MS4.6/9, Error ellipse: s-maj=10.4km s-min=8.3km az=85.7

WEL 05 19:06:46.9-0.9, 33.6S:17.8W:1.5, h33km, M5.3/15, mb5.7/13, ML6.0/15, MLV5.7/15, Mw(mb)5.2/13, Error ellipse: s-maj=0.0km s-min=0.0km az=08.3

IDC 05 19:06:48.8-1.7, 32.82S:178.03W, h44km, 14km, mb4.6/17, mbtmp4.8/20, ML5.6/3, MS4.0/40, Error ellipse: s-maj=13.4km s-min=11.8km az=80.0

GCMT 05 19:06:50.0-0.2, 32.96S:0.02-177.76W:0.02, h47km, MW5.0/81, Moment Tensor Solution. s78,c95; s81,c110; Duration: 0 Moment tensor: Scale 10^16Nm; Mr4, 1.3E-14; Mw=0.75E-10; Mo=3.38E-09; Mo0.20E-08; Mo0.62E-08; Mo=1.52E-08; Best double couple: Mo4, 1.1500E+10

NP1.8E+18, 0.0000E+00, 0.35, 0.0000E+00, 1.100, 0.0000E+00. NP2: 0.5, 1.8E+18, 0.0000E+00, 0.55, 0.0000E+00, 1.83, 0.0000E+00. Principal axes: T 4.440E, P1g78.0000E, Azm72.0000E, N -0.6650E, P1g5.0000E, Azm190.0000E, P 3.7840E, P1g10.0000E, Azm281.0000E. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 05 19:06:54.4, 33.86S:177.64W, h170km, mb5.2/14, South of Kermadec Islands

ISC 05 19:06:48.2-0.2, 33.01S:0.04-177.95W:0.05, h34km, n680, s122/666, mb5.2/99, MS4.2/45, 45C-13D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NIUE, MSVF, RAR, CTA, ASAR, WR0, WB2, WB0, WRA, WRA, KNRA, NVAR, TROLL, VNA3, TXAR, ILAR, CMAR, AKASG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CONA, GEC2, GERES, etc.

IDC 05 19:15:18.1±2.5, 4.78N, 126.14E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=218.4km s-min=27.9km az=65.0

MAN 05 19:15:21, 4.88N, 126.50E, h14km, Ms3.0

ISC 05 19:15:19.7±1.3, 4.84N, 0.07, 126.5E, 0.1, h10km, n11, ±25/15, mb3.4/3, 2C-6D, Talaud Islands

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

DJA 05 19:31:44.9, 0.3, 2°N, 3.12°E, h187km, 3km, M4.3/16, mb4.3/13, mb4.8/4, ML4.4/16, MB(MB)4.0/4

NEIC 05 19:31:44.6, 1.2, 2.08N, 0.09, 128.33E, 0.09, h92km, 1km, mb4.3/60, Error ellipse: s-maj=13.6km s-min=12.3km az=57.0

IDC 05 19:31:45.2±1.9, 2.05N, 128.40E, h205km, 16km, mb3.7/16, mbmp4.2/17, Error ellipse: s-maj=20.5km s-min=8.5km az=76.0

ISC 05 19:31:44.9, 0.4, 2.03N, 0.04, 128.24E, 0.06, h200km, n135, ±099/145, mb4.3/53, 2C, Halmahera

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

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

CHTO CHIANG MIAT 33.19 302 P P 19 38 03.7 +0.7 19 38 05.1

CHTO CHIANG MIAT 33.19 302 P P 19 38 04.5 +1.5

LCKR Leigh Creek 33.67 164 P P 19 38 06.9 0.0

KSR5 Korea Array 35.25 360 P P 19 38 21.1 +0.7

BBOO Buckleboo 35.43 169 P P 19 38 22.3 +0.3

BBOO Buckleboo 35.43 169 P P 19 38 21.6 +0.4

MJAR Matsushiro Arr 35.56 14 P P 19 38 21.2 -1.9

MJAR Matsushiro Arr 35.56 14 Iamb Iamb 19 38 23.3

STKA Stephens Creek 36.02 160 P P 19 38 27.3 +0.2

STKA Stephens Creek 36.02 160 P P 19 38 27.4 +0.4

STKA Stephens Creek 36.02 160 P P 19 38 26.7 -0.4

ARMA Armidale 39.23 147 P P 19 38 54.2 +0.2

ARMA Armidale 39.23 147 P P 19 38 08.3

LZH Lanzhou 40.73 329 eP P 19 39 09.1 +2.7

LZH Lanzhou 40.73 329 pP P 19 39 52.3 +0.5

LZH Lanzhou 40.73 329 sP P 19 40 11.6 +1.2

HHC Hu-ho-hao-te 41.48 341 eP P 19 39 14.4 +2.0

HHC Hu-ho-hao-te 41.48 341 pmax pmax 19 39 14.4 +2.0

HHC Hu-ho-hao-te 41.48 341 pmax pmax 19 39 14.4 +2.0

SHL Shillong 42.10 307 P P 19 39 18.9 +1.2

SHL Shillong 42.10 307 Iamb Iamb 19 39 19.9

USRK Ussuriysk Arr 42.12 4 P P 19 39 17.9 +0.5

USRK Ussuriysk Arr 42.12 4 Iamb Iamb 19 39 17.9 +0.5

GTA Gaotai 45.32 329 eP P 19 39 44.4 +1.2

GTA Gaotai 45.32 329 sP P 19 39 54.4 -3.1

GTA Gaotai 45.32 329 pmax pmax 19 39 54.4 -3.1

KLR Kul'dur 47.12 3 P P 19 39 56.4 -0.4

KLR Kul'dur 47.12 3 P P 19 39 56.4 -0.4

ULN Ulun Hutagar 49.20 341 P P 19 40 13.6 +0.7

SONM Songrio Array 49.34 341 P P 19 40 14.7 +0.3

SONM Songrio Array 49.34 341 P P 19 41 34.1 +0.4

SAR Matsushiro Arr 49.34 341 P P 19 41 34.1 +0.4

SONM Songrio Array 49.34 341 P P 19 40 15.1 +0.8

WMQ Urumqi 54.97 325 eP P 19 40 58.4 +2.9

MK31 Makanchi Array 59.80 325 P P 19 41 29.1 0.0

MK31 Makanchi Array 59.80 325 P P 19 41 29.9

MKAR Makanchi Array 59.80 325 P P 19 41 29.6 +0.4

MKAR Makanchi Array 59.80 325 P P 19 41 29.6 +0.4

MKAR Makanchi Array 59.80 325 P P 19 41 29.3 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Q19K, KDAK, K20K, etc.

IDC 05 20:02:32.2±1.9, 28.23N, 86.56E, h0km, mb3.6/6, mbmp3.7/7, ML4.0/1, Error ellipse: s-maj=59.7km s-min=27.9km az=60.0

ISC 05 20:02:37.3±1.6, 28.22N, 0.2, 86.7E, 0.3, h35km, n8, ±095/58, mb3.6/3, Xizang

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

ANF 05 20:17:15.9, 0.7, 37.39N, 98.17W, h8km, 6km, ML4.2/15, Error ellipse: s-maj=5.3km s-min=2.6km az=61.0

NEIC 05 20:17:15.1, 0.6, 37.36N, 0.1, 98.20W, 0.02, h5km, 2km, mb, Lg3.5/99, Error ellipse: s-maj=3.1km s-min=2.9km az=44.0

IDC 05 20:17:18.3±1.6, 37.52N, 98.75W, h0km, mb3.5/1, mbmp3.4/5, ML3.5/4, MS3.2/1, Error ellipse: s-maj=27.4km s-min=9.7km az=104.0

ISC 05 20:17:15.2±0.9, 37.34N, 0.03, 98.18W, 0.03, h10km, 6km, n140, ±096/131, Kantanus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAN16, KAN12, KAN08, etc.

Table of station data for 5d 21h, including station names, coordinates, and various parameters like SNR and elevation.

Table of station data for 2016 JUL, listing stations such as RIMUHUA, RAUKUMARA RANG, and others with their respective coordinates and parameters.

Table of station data for 274, listing stations like BALDYBASTY, ARHYLY, and others with their coordinates and parameters.

ISK 05 21:05:14.9, 39.68N, 28.95E, h5km, ML 1.8/7

DDA 05 21:05:15.3, 0.0, 39.68N, 26.90E, h7km, 2km, ML1,7,

Table of station data for ISK and DDA, listing station names, coordinates, and parameters.

NNC 05 21:13:59.6, 0.5, 46.25N, 80.36E, h0km, mb3.5, mpv3.2

SOME 05 21:13:59.6, 46.33N, 80.00E, h0km

ASRS 05 21:14:07.2, 0.7, 47 N, 3.8 E, h9km, MLH3.5/3, Error

ISC 05 21:13:59.3, 3.1, 46.44N, 0.04, 80.31E, 0.04, h2km, 1.3km

Table of station data for NNC, SOME, ASRS, and ISC, listing station names, coordinates, and parameters.

ISC 05 21:14:45.4, 0.1, 43.57N, 0.05, 105.23W, 0.06, h0km, n55,

152/48, MS3.4/3, Wyming

Table of station data for ISC, listing station names, coordinates, and parameters.

NOU 05 21:03:38.7, 38.40S, 179.56E, h20km, mb4.2/5, Off E.

Coast of N. Island, N.Z.

WEL 05 21:03:45.6, 0.7, 38 S, 4.17 E, h27km, 5km, M3, 1/21,

ML3, 4/23, MLV3, 1/21, Error ellipse: s-maj=0.0km

s-min=0.0km az=69.2

ISC 05 21:03:40.7, 2.8, 38.21S, 0.05, 179.3E, 0.1, h53km, 24km,

n66, 152/88, Off east coast of North Island

Table of station data for NOU, WEL, and ISC, listing station names, coordinates, and parameters.

IDC 05 21:14:43.6, 1.2, 43.23N, 105.13W, h0km, mb2.9/1,

mbtmp3.2/6, ML2.8/4, MS3.2/6, Error ellipse: s-maj=22.1km

s-min=1.3km az=159.0

NEIC 05 21:14:45.8, 1.7, 43.59N, 0.05, 105.21W, 0.08, h0km, 2km,

ML3, 5/39, Error ellipse: s-maj=1.0km s-min=7.9km

ISC 05 21:14:45.4, 0.1, 43.57N, 0.05, 105.23W, 0.06, h0km, n55,

152/48, MS3.4/3, Wyming

5d 23h

Table of station data for the 5d 23h period, including call signs, frequencies, and coordinates.

2016 JUL

Main table of station data for July 2016, listing call signs, frequencies, and various parameters.

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Table of station data for the 278 period, including call signs and frequencies.

ICD 05:23:39:13.6:1.2,44:14N:129:13W,h0km,mb3.9/10, mtbtp3.9/18,ML3.4/8,MS3.5/27, Error ellipse: s-maj=28.2km s-min=1.7km az=41.0 NEIC 05:23:39:17.4:2.6,44:17N:108:128:9W:0.1,h10km,1km, mb4.3/12,ML3.4/46, Error ellipse: s-maj=17.0km s-min=10.9km az=230.0

Table of station data for the 278 period, including call signs, frequencies, and coordinates.

NEW	comp=N,0.6nm,0.3s,baz=242,slow=12,SNR=8.6	LR	LR	23 44 57.7
NEW	comp=N,529nm,20.8s,baz=252,slow=37			
NEW	comp=N,1.0nm,0.9s			
NEW	Newport	9.20 59 Pn	Pn	23 41 28.0 -1.3
NEW	Newport	9.20 59 Pn	Pn	23 41 28.0 -0.4
BMN	Battle Mountain	9.48 109 Pn	Pn	23 41 34.8 +1.5
RYN	Ryan	9.61 21 Pn	Pn	23 41 36.0 +0.9
KVN	Kaiserberg	9.72 118 Pn	Pn	23 41 35.7 +0.5
GRNB	Grenville Isla	9.72 357 Pn	Pn	23 41 37.6 +1.2
LHV	Little Huntoon	9.86 123 Pn	Pn	23 41 39.5 +1.2
NVAR	Mina Array Bea	9.87 122 Pn	Pn	23 41 40.5 +1.8
NVAR	Mina Array Bea	9.87 122 Pn	Pn	23 41 40.0 +1.3
MDPB	Devils Postpil	9.94 128 Pn	Pn	23 41 42.5 +2.9
NV11	Mina Array Sit	9.96 121 Pn	Pn	23 41 40.9 +1.0
OMMB	Old Mammoth Mi	9.99 127 Pn	Pn	23 41 42.2 +1.7
HLID	Hailey	10.55 98 Pn	Pn	23 41 49.7 +1.7
HLID	Hailey	10.55 98 Pn	Pn	23 41 51.3 +3.3
ELK	Elko	10.72 104 Pn	Pn	23 41 53.6 +3.3
ELK	baz=303,slow=11,SNR=10	LR	LR	23 45 55.8
ELK	comp=N,150nm,18.3s,baz=288,slow=37			
ELK	comp=N,2.7nm,0.8s			
ELK	Elko	10.72 104 Pn	Pn	23 41 52.1 +1.8
MSO	Missoula	10.90 71 Pn	Pn	23 40 02.0 -0.3
MSO	Missoula	10.90 71 Pn	Pn	23 41 52.9 +0.2
LCH	Last Change Ra	11.04 125 Pn	Pn	23 41 56.4 +1.8
CWC	Cottonwood Cre	11.34 129 Pn	Pn	23 41 60.0 +1.1
WALA	Waterton Lakes	11.47 59 Pn	Pn	23 41 59.3 -1.2
MCMT	McKenzie Canyo	11.55 81 Pn	Pn	23 42 03.0 +1.3
CRAIG	Craig	11.63 348 Pn	Pn	23 42 04.7 +2.2
ISA	baz=165,SNR=5.7			
ISA	Isabella, Lake	11.70 133 Pn	Pn	23 42 03.6 -0.1
ISA	Isabella, Lake	11.70 133 Pn	Pn	23 42 04.9 +1.2
ARVC	Arvin	11.94 136 Pn	Pn	23 42 06.6 -0.2
FURC	Furnace Creek,	12.02 126 Pn	Pn	23 42 11.2 +3.3
TPNV	Topopah Spring	12.06 122 Pn	Pn	23 42 11.0 +2.3
TPNV	Topopah Spring	12.06 122 Pn	Pn	23 42 10.6 +1.9
GWY	Greenwater Val	12.33 126 Pn	Pn	23 42 14.4 +2.1
CCAC	Calif City Air	12.33 133 Pn	Pn	23 42 12.4 +0.1
QSM	Queen of Sheba	12.37 127 Pn	Pn	23 42 13.2 +0.5
BOZ	Bozeman (W)	12.40 77 Pn	Pn	23 42 14.4 +1.1
BOZ	Bozeman (W)	12.40 77 Pn	Pn	23 42 14.8 +1.5
WRAK	Wrangell Islan	12.46 351 Pn	Pn	23 42 16.2 +2.4
EDWZ	Edwards Air Fo	12.55 134 Pn	Pn	23 42 15.8 +0.5
DUG	Dugway, Toeole	12.64 103 Pn	Pn	23 42 17.4 +0.9
YHL	Hebgen Lake	12.74 81 Pn	Pn	23 42 18.4 +0.4
GSC	Goldstone, Bar	12.88 129 Pn	Pn	23 42 21.3 +1.5
GSC	Goldstone, Bar	12.88 129 Pn	Pn	23 42 21.9 +2.2
SHPR	Sheep Range	13.02 121 Pn	Pn	23 42 24.2 +2.4
TPAW	Teton Pass	13.05 87 Pn	Pn	23 42 25.2 +3.0
LOHW	Long Hollow	13.28 86 Pn	Pn	23 42 27.6 +2.3
TUQ	Turquoise Moun	13.28 127 Pn	Pn	23 42 27.3 +1.9
FMP	Fort Macarthur	13.33 138 Pn	Pn	23 42 26.2 +0.3
HEC	Hector,Ludlow	13.49 129 Pn	Pn	23 42 28.6 +0.5
SIT	Sitka	13.52 345 Pn	Pn	23 42 29.7 +1.5
CCUT	Cedar City	13.54 114 Pn	Pn	23 42 31.2 +2.3
EGMT	Eggleton	13.89 67 Pn	Pn	23 42 33.8 +0.2
EGMT	Eggleton	13.89 67 Pn	Pn	23 42 33.1 -0.4
GMRC	Granite Mouna	13.90 128 Pn	Pn	23 42 34.0 +0.3
MTPU	Mount Pierson	14.06 110 Pn	Pn	23 42 36.4 +0.2
RLMT	Red Lodge	14.08 79 Pn	Pn	23 42 37.5 +1.3
TMUT	Trail Mountain	14.14 104 Pn	Pn	23 42 38.4 +1.3
PD31	Pinedale Array	14.19 89 Pn	Pn	23 42 35.5 -2.2
PDAR	Pinedale Array	14.19 89 Pn	Pn	23 42 40.8 +3.1
PDAR	comp=N,0.1nm,0.3s,baz=160,slow=25,SNR=1.1	LR	LR	23 42 48.16.6
PDAR	comp=N,244nm,19.7s,baz=281,slow=38			
PDAR	comp=N,4.6nm,1.2s			
PKCU	Pink Cliffs	14.29 112 Pn	Pn	23 42 40.8 +1.5
DLBC	Dease Lake	14.31 358 Pn	Pn	23 42 39.1 -0.1
DLBC	comp=N,0.1nm,0.3s,baz=160,slow=25,SNR=1.1	LR	LR	23 47 22.9
DLBC	comp=N,291nm,21.3s,baz=171,slow=34			
DLBC	comp=N,0.5nm,0.3s			
PFO	Dease Lake	14.31 358 Pn	Pn	23 42 40.7 +1.5
PFO	Pinyon Flats O	14.34 133 LR	LR	23 47 45.8
PFO	comp=N,2.25nm,18.4s,baz=210,slow=36			
PFO	Pinyon Flats O	14.34 133 Pn	Pn	23 42 39.8 +0.1
TPFO	Pinon Flats	14.35 133 Pn	Pn	23 42 41.7 +1.8
JIS	Juneau Island	14.53 349 Pn	Pn	23 42 42.8 +0.7
IRM	Iron Mountain	14.65 128 Pn	Pn	23 42 44.8 +0.9
P18A	Preston Nutter	14.67 101 Pn	Pn	23 42 46.7 +2.3
SRU	San Rafael Sve	14.70 104 Pn	Pn	23 42 44.2 +0.5
EC3	Big Chuckwall	14.85 130 Pn	Pn	23 42 46.5 -0.1
BESE	Bessie Mountai	14.89 348 Pn	Pn	23 42 47.4 +0.6
MONP2	Monument Peak	14.92 135 Pn	Pn	23 42 47.4 -0.3
PDMCI	Parker Dam,Lak	15.12 126 Pn	Pn	23 42 50.9 +0.7
SWSC	Sam W. Stewart	15.20 133 Pn	Pn	23 42 51.3 0.0
IKP	In-Ko-Fang, Jac	15.27 134 Pn	Pn	23 42 52.6 +0.2
BLYC	Blythe	15.30 128 Pn	Pn	23 42 52.5 -0.1
BLYC				23 43 05.4
YUH	Yuha Desert	15.37 134 Pn	Pn	23 42 52.3 -1.2
YUH				23 42 54.6
GLA	Glamis	15.55 130 Pn	Pn	23 42 57.0 -0.1
P32M	Atlin	15.72 351 Pn	Pn	23 42 58.8 +0.8
O20A	White River Ci	15.90 97 Pn	Pn	23 43 00.0 -0.5
O20A				23 43 12.1
PLBC	comp=Z,40nm,1.2s			
PLBC	comp=Z,40nm,1.2s			
PV23	Carpenter Ridg	16.05 104 Pn	Pn	23 43 02.6 +0.1
PV10	Paradox Valley	16.06 104 Pn	Pn	23 43 07.3 +1.3
PV10				23 43 12.5
RWWY	Rawlins	16.14 91 Pn	Pn	23 43 05.0 +1.3
LAO	LASA Array	16.18 73 Pn	Pn	23 43 05.8 +1.9
LAO				23 43 12.3
LAO	comp=Z,18nm,0.9s			
LAO	LASA Array	16.18 73 Pn	Pn	23 43 05.0 +1.0
PV11	David Mesa, Pa	16.21 104 Pn	Pn	23 43 06.4 +1.8
PV11				23 43 13.7
P33M	Teslin, Yukon	16.25 353 Pn	Pn	23 43 06.0 +1.3
PV07	Paradox Valley	16.31 103 Pn	Pn	23 43 06.9 +1.1
PV07				23 43 15.7
PV13	comp=Z,32nm,1.2s			
PV13	Radium Mtn., P	16.32 105 Pn	Pn	23 43 07.7 +1.7
PV13				23 43 16.5
K22A	Casper	16.39 87 Pn	Pn	23 43 09.8 +0.2
K22A				23 43 14.5
PV15	Paradox Valley	16.47 104 Pn	Pn	23 43 08.9 +1.0
PNL	Peninsula	16.77 341 Pn	Pn	23 43 11.4 +0.1
MVCO	Mesa Verde	16.82 107 Pn	Pn	23 43 15.3 +0.7
MVCO				23 43 22.2
MVCO	comp=Z,37nm,1.3s			
MVCO	Mesa Verde	16.82 107 Pn	Pn	23 43 15.1 +0.5

SMCO	Snowmass	17.17 99 Pn	Pn	23 43 16.4 -0.5
SMCO				23 43 26.9
O30N	Mendenhall	17.18 348 Pn	Pn	23 43 16.9 +0.4
N23A	Red Feather La	17.29 93 Pn	Pn	23 43 17.7 -0.5
N23A				23 43 33.4
N23A	comp=Z,45nm,1.4s			
N23A	Red Feather La	17.29 93 Pn	Pn	23 43 17.5 -0.7
W18A	Petrified Fore	17.33 115 Pn	Pn	23 43 19.9 +1.2
W18A				23 43 27.2
W18A	comp=Z,38nm,1.3s			
W18A	Petrified Fore	17.33 115 Pn	Pn	23 43 18.5 -0.2
P1NM	Pinnaacle	17.35 341 Pn	Pn	23 43 19.1 +0.5
PCA	Pinnaacle	17.35 341 Pn	Pn	23 43 18.7 0.0
PCA				23 43 19.9
HYT	comp=Z,20nm,1.0s			
HYT	Haines Junctio	17.45 346 Pn	Pn	23 43 21.0 +1.0
HYT	Haines Junctio	17.45 346 Pn	Pn	23 43 20.2 +0.2
214A	Organ Pipe Nat	17.59 128 Pn	Pn	23 43 22.1 +0.3
214A	Organ Pipe Nat	17.59 128 Pn	Pn	23 43 21.7 -0.1
DGMT	Dagmar	17.64 67 Pn	Pn	23 43 23.5 +1.2
DGMT				23 43 30.4
YUK6	Outpost Mounta	17.72 345 Pn	Pn	23 43 24.1 +0.7
N31M	Braeburn, Yuko	17.82 349 Pn	Pn	23 43 25.3 +0.9
N31M	Braeburn, Yuko	17.82 349 Pn	Pn	23 43 25.2 +0.8
MESA	MESA	17.85 339 Pn	Pn	23 43 25.4 +0.4
MESA				23 43 29.1
S22A	4UR Ranch, Cre	17.90 103 Pn	Pn	23 43 26.9 +1.0
S22A				23 43 34.1
S22A	comp=Z,22nm,1.2s			
S22A	4UR Ranch, Cre	17.90 103 Pn	Pn	23 43 26.1 +0.3
RSSD	Blacks Hills	17.90 81 Pn	Pn	23 43 25.5 -0.2
ISCO	Idaho Springs	17.90 96 Pn	Pn	23 43 24.7 -1.1
ISCO	Idaho Springs	17.90 96 Pn	Pn	23 43 24.9 -1.0
YUK4	Talbot Arm	18.14 345 Pn	Pn	23 43 30.5 +1.6
LOGN	Logan Glacier	18.17 341 Pn	Pn	23 43 29.3 +0.4
FARO	Faro, Yukon	18.29 353 Pn	Pn	23 43 30.4 +0.3
WAX	Waxell Ridge	18.32 338 Pn	Pn	23 43 30.1 -0.5
WAX				23 43 32.2
M31M	Drury Creek, Y	18.35 352 Pn	Pn	23 43 31.7 +0.8
CTGM	Chitina Glacie	18.37 341 Pn	Pn	23 43 31.4 0.0
CTGM				23 43 37.9
CTGM	comp=Z,16nm,1.2s			
CTGM	Chitna Glacier	18.38 341 Pn	Pn	23 43 32.0 +0.7
TUC	Tucson	18.51 124 Pn	Pn	23 43 32.7 -0.3
TUC	Tucson	18.51 124 Pn	Pn	23 43 34.3 +1.2
Q24A	Divide	18.56 98 Pn	Pn	23 43 31.2 -2.4
CRQE	Cirque	18.64 338 Pn	Pn	23 43 34.5 +0.3
CROM	Cirque	18.65 338 Pn	Pn	23 43 33.8 -0.7
CROM				23 43 38.1
SDCO	Great Sand Dun	18.83 102 Pn	Pn	23 43 36.1 -0.6
SDCO	Great Sand Dun	18.83 102 Pn	Pn	23 43 36.4 -0.3
M30M	Minto, Yukon	19.00 349 Pn	Pn	23 43 38.2 +0.1
M30M	Minto, Yukon	19.00 349 Pn	Pn	23 43 39.2 +1.0
VRDI	Verde Repeater	19.13 338 Pn	Pn	23 43 39.5 -0.3
MCARA	McCarthy VSAT	19.15 339 Pn	Pn	23 43 39.5 -0.2
MCARA				23 43 41.2
MCARA	comp=Z,12nm,0.9s			
MCARA	McCarthy VSAT	19.15 339 Pn	Pn	23 43 40.4 +0.7
GLB	Gilghiana Butte	19.41 338 Pn	Pn	23 43 42.5 -0.1
ANMO	Albuquerque	19.61 110 Pn	Pn	23 43 45.3 +0.2
ANMO				23 43 52.2
ANMO	comp=Z,70nm,18.2s,baz=302,slow=40	LR	LR	23 43 52.2
ANMO	comp=Z,0.4nm,0.4s			
ANMO	Albuquerque	19.61 110 Pn	Pn	23 43 45.1 0.0
ANMO	Albuquerque	19.61 110 Pn	Pn	23 43 45.7 +0.6
M27K	Edge Creek, AK	19.72 342 Pn	Pn	23 43 46.1 0.0
M27K	Edge Creek, AK	19.72 342 Pn	Pn	23 43 46.9 +0.8
N25K	Chitina, Valde	19.76 338 Pn	Pn	23 43 47.0 +0.6
T25A	Trinidad	19.88 102 Pn	Pn	23 43 49.2 +1.1
GLI	Glacier Island	19.93 334 Pn	Pn	23 43 49.6 +1.5
E28A	Huff	19.99 73 Pn	Pn	23 43 49.0 0.0
CRNM	Carthage			

5d 23h

Table with columns: J20K, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like Novinta River, Bob, Littlefor, Tanana, etc.

2016 JUL

Table with columns: Code, Station Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like ARLS Aral, UCH Uchtor, OHH Osh, etc.

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Table with columns: Code, Station Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like CHQJ Chosi, JSMJ Sammumatsuo, JYHU Hitachinakayam, etc.

KRNET 05 23:44:21.9, 0.1, 40.94N, 74.84E, h14km, mb2.5
SOME 05 23:44:22.8, 0.1, 40.95N, 74.88E, h5km
NMC 05 23:44:23.5, 1.6, 40.93N, 74.91E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=13.2km s-min=6.1km az=161.0

IDC 05 23:47:23.4, 0.6, 35.56N, 140.92E, h0km, mb4.0/23, mbmp4.0/28, ML3.3/5, MS3.6/18, Error ellipse: s-maj=15.8km s-min=15.2km az=146.0, JMA 05 23:47:26.2, 0.2, 35.7N, 0.5:14.1E, h17km, 1km, MD4.4/33, MW4.3/33, NEAR CHOSHIO CITY JMA Felt II J1 at NEAR CHOSHIO CITY. NIED 05 23:47:26.2, 35.69N, 141.05E, h17km, MW4.3, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; M=2.25, Mw=1.7, Ms=3.42, Mv=1.21, Mw=0.79; Mw=1.12; Fault plane solution: M=3.0000x10^15 NP1: q=140.00000, s=86.00000, lambda=140.00000, NP2: q=19.00000, s=62.00000, lambda=52.00000.

PETK 05 23:47:27.9, 0.8, 35.91N, 140.88E, h29km, mb4.6/14 Error ellipse: s-maj=11.1km s-min=6.9km az=114.2, NEIC 05 23:47:29.0, 2.1, 35.79N, 0.05:140.94E, h27km, 5km, mb4.4/34, Error ellipse: s-maj=8.4km s-min=6.7km az=62.0, ISC 05 23:47:26.7, 0.8, 35.66N, 0.03:141.02E, 0.05, h19km, 3km, n188, s1932/147, mb4.4/51, MS3.7/20, 9C-5D, Near east coast of eastern Honshu

6d 0h

Table with columns: CMAR, Chiang Mai Arr, 78.48 294, P, P, 00 38 36.4 +1.9. Includes rows for CMAR, CHTO, R17K, OHAK, Q16K, BELA, O16K, Q18K, KDAK, KDAK, P17K, O17K, N16K, N18K, Q19K, Q20K, O18K, GAMB, N18K, N19K, N19K, BRSE, ANM, SAO, M19K, L19K, L19K, L19K, PAGB, TNA, TTA, L20K, L20K, L20K, K20K, K20K, CMB, GLI, YBH, YBH, 109C, SONM, SONM, SONM, ISA, ISA, EDW2, BAR, CAST, CAST, I02E, L04D, L04D, J20K, I03D, SCM, MONP2, OMBB, BEKR, KLU, IKP, CWC, PFO, TPFO, YUH, TRF, PMD, WAT1, WAT1, WAT1, MPMC, M24K, YERR, J04D, J04D, I04E, I04E, N25K, BPAW, ISLE, GSC, GSC.

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Table with columns: H04D, Lebanon, 88.20 42, P, P, 00 39 22.0 -1.3. Includes rows for G03D, BELC, HEC, RHY, RHY, QSM, NVAR, MCK, TABL, SIT, NV11, BC3, K05A, MOD, J05D, FURC, H04A, GWY, GLA, SHOC, KVN, GMRC, TUQ, NLWA, H21K, H21K, MLY, IRM, TROLL, TROLL, I05D, NEA2, M26K, SLBS, TPNV, TPNV, K24K, I23K, G05D, H22K, G21K, HDA, L26K, M27K, PLBC, SNAAC, SNAAC, SNAAC, RIDG, RIDG, YUK3, BESE, PDMEI, ILAR, P30M, YUK6, SHPR, H23K, WVOR, S11A, S11A, 214A, 214A, YUK4, BMN, SCRK, HYT, I07A, L27K, F21K, J25K, VNA3, VNA3, G22K, R11A, H24K, J08A, G23K, VNA2, VNA2, O30N, J26L, J26L, K27K, T35M, P32M, LTY.

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Table with columns: LTY, comp=Z,1.2nm,1.1s, IAMB, IAMB, 00 39 36.9. Includes rows for VNA1, VNA1, COLD, COLD, WHY, G08A, HAWA, N31M, N31M, E22K, I26K, I26K, E08A, M30M, M30M, P33M, DAWY, DLBC, DLBC, CCUT, PSUT, TUC, TUC, TUC, BMO, SZCU, M31M, TOLK, D23K, MFID, F10A, F10A, WUAZ, WUAZ, PKUC, PKUC, BMAR, MTPU, C24K, C24K, HLD, D25K, W18A, W18A, EPYK, EPYK, 121A, 121A, C26K, C27K, BOZ, BOZ, ANMO, ANMO, INK, INK, INK, PDAR, TXAR, TXAR, K22A, C36M, YKA, A36M, MKAR, ARCES, ARCES, NOA, RONA, RONA, CONA, CKRC, KERC, GHEC, ARSA, ARSA, MOA, MOA, SOKA, OBKA, WATA, WATA, ABTA, ABTA, WTTA, WTTA, WLF, MOTA.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MOTA, RETA, SOTA, BFO, FETA, DAVA, FUORN, TEOL, TUE, NRCA, ZCCA, TIP, BND, TORI, TORO.

IDC 06:01:01:55.6:0.6:56:61S:142:11W,h0km,mb4.5/9, mblmp4.5/9,MS4.7/38, Error ellipse: s-maj=27.7km s-min=17.6km az=176.0

NEIC 06:01:01:57.2:2.8:56:68S:0:1:142:1W,0.2, h10km,1km, mb5.0/38, Ms_20 4.9/180, Mw5.7/35, Mwc5.9/31, Mww5.8, Error ellipse: s-maj=23.0km s-min=17.4km az=357.0

NEIC 06:01:01:57.6:56:80S:142:12W,h13km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mn=0.04; Mw3.83; Mw3-3.79; Mw-0.61; Mw2.57; Mw0.19; Fault plane solution: Ms4.640000*1017; NP1:az=207.930000; s=82.290000, l=178.720000; NP2:az=298.100000; s=88.730000, l=17.710000; Principal axes: T 4.6759, Plg6.0000; Azm163.0000; N -0.0720, Plg82.0000; Azm307.0000; P -4.6039, Plg5.0000; Azm73.0000;

BUJ 06:01:01:59.0:0.0:56:80S:142:00W,h10km,mb5.5/4, Ms5.2/8, Ms7 5.0/10

GCMT 06:01:02:04.7:0.1,56:96S:141:55W,h23km,MW5.8/159, Moment Tensor Solution. s153,c301; s159,c492; Duration: 2s0 Moment tensor: Scale 1017Nm; Mn=0.58±.05; Mw5.19±.05; Mw3.46±.04; Mw0.22±.08; Mw4.46±.04; Mw0.58±.08; Best double couple: Mw6.659000*1017; NP1:az=294.000000; s=86.000000; l=4.000000; NP2:az=24.000000; s=86.000000; l=176.000000; Principal axes: T 6.9239, Plg5.0000; Azm169.0000; N 0.4254, Plg2.0000; Azm292.0000; P -7.2493, Plg6.0000; Azm70.0000;

NEIC 06:01:02:09.56:80S:141:95W,h24km, Moment Tensor Solution. Duration: 24s0 Moment tensor: Scale 1017Nm; Mn=0.40; Mw5.13; Mw3-5.53; Mw-0.85; Mw4.49; Mw0.54; Fault plane solution: Ms7.050000*1017; NP1: az=205.000000; s=82.000000; l=179.000000; NP2: az=115.000000; s=90.000000; l=3.000000; Principal axes: T 6.8239, Plg5.0000; Azm169.0000; N 0.4254, Plg2.0000; Azm292.0000; P -7.2493, Plg6.0000; Azm70.0000;

NEIC 06:01:02:17.56:71S:141:44W,h33km, Moment Tensor Solution. Duration: 48s Moment tensor: Scale 1017Nm; Mn=0.32; Mw6.05; Mw5-5.74; Mw-1.98; Mw5.38; Mw0.20; Fault plane solution: Ms8.220000*1017; NP1: az=294.100000; s=86.860000; l=13.080000; NP2: az=203.370000; s=76.940000; l=176.770000; Principal axes: T 8.4998, Plg11.0000; Azm159.0000; N -0.5677, Plg7.0000; Azm307.0000; P -7.9321, Plg7.0000; Azm68.0000;

ISC 06:01:01:57.7:0.3,56:81S:0:08:142:11W,0:10h,010km, n241,e1559/101,mb5.0/27,MS4.9/129,1C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SBA, VNSA, VNSA, MSWZ, RPZ, URZA, QSPA, QSPA, TBI, TBI, TBI, SMAI, SMAI, PMSA, RAO, RPN, RAR, BELA, MEH, PAE, PPT, USHA, VAH, CASY, PLCA, PLCA, TAOE, TAOE, VNA3, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AFI, VNA2, VNA1, SNA1, SNA2, SNA3, MSVF, TROLL, DZM, DZM, BZM, DM1, DM2, DM3, DM4, DM5, DM6, DM7, DM8, DM9, DM10, DM11, DM12, DM13, DM14, DM15, DM16, DM17, DM18, DM19, DM20, DM21, DM22, DM23, DM24, DM25, DM26, DM27, DM28, DM29, DM30, DM31, DM32, DM33, DM34, DM35, DM36, DM37, DM38, DM39, DM40, DM41, DM42, DM43, DM44, DM45, DM46, DM47, DM48, DM49, DM50, DM51, DM52, DM53, DM54, DM55, DM56, DM57, DM58, DM59, DM60, DM61, DM62, DM63, DM64, DM65, DM66, DM67, DM68, DM69, DM70, DM71, DM72, DM73, DM74, DM75, DM76, DM77, DM78, DM79, DM80, DM81, DM82, DM83, DM84, DM85, DM86, DM87, DM88, DM89, DM90, DM91, DM92, DM93, DM94, DM95, DM96, DM97, DM98, DM99, DM100.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CMB, ANMO, NVAR, DAV, SJG, SJG, LBTT, MVCO, TDBA, SEUS, MYDM, YBH, YBH, OK029, DUG, ELK, OK033, OK034, OK032, WVOR, H10S3, H10S2, CBKS, MFID, H10N3, H10N1, H10N2, OGNE, LAO, BBSR, AGMN, ADK, EYMN, WSPT, KDAK, QUA2, QIZ, QIZ, QIZ, LONY, Q19K, CNPM, VT1, P18K, HOM, BRKL, O18K, YAH, P33M, WAX, ISLE, O22K, TGL, LOGN, N18K, N19K, KNK, N31M, SUA, SML, M22K, M20K, SKT, M19K, CUT, L19K, PET, RND, TRF, CAST, K20K, KTH, RIDG, MCK, BPAW, HDA, NJ2, NJ2M, J26L, J20K, CMAR, WRH, CCB, CCB.

BLB 4.8nm,0.8s Lg Lg 04 33 38.3

NEIC 06 04:36:04.8:1.8,6.05S:0.05x155.0E:0.1,h157km,7km, mb4.5/19, Error ellipse: s-maj=16.1km s-min=7.7km az=86.0, IDC 06 04:36:05.2:2.4,6.08S:154.89E,h159km,21km,mb3.9/11, mblmp4.3/15,MS3.2/2, Error ellipse: s-maj=20.5km s-min=14.4km az=90.0, ISC 06 04:36:03.8:0.6,6.05S:0.07x154.96E:0.08,h150km,n45, 0111/48,mb4.3/17,Bougainville-Solomon Islands region

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

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DJR, PRZ, KNOS, KURS, BLB, etc.

IDC 06 04:47:46.5:0.7,15.675S:69.24W,h264km,7km,mb2.9/5, mblmp3.6/8, Error ellipse: s-maj=25.1km s-min=18.4km az=64.0, GUC 06 04:47:49.0:0.7,15.825S:69.40W,h241km,7km,ML3.8 VAO 06 04:47:48.0:0.4,15.745S:69.35W,h258km,mb3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, GOO1, GOO2, etc.

SKHL 06 04:53:46.6:0.2,43.50N:145.90E,h91km,7km,mb4.5/2, msha.5/2, JMA 06 04:53:47.0:0.2,43.6N:0.6x14.6E,h82km,1km, MV2.7/31,NEMURO REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2, NMR, YUK, etc.

IDC 06 05:17:37.1:5.2,20S:141.51E,h0km,mb3.8/3, mblmp3.9/4,ML4.0/1,MS2.6/1, Error ellipse: s-maj=68.3km s-min=25.4km az=102.0,Near north coast of New Guinea

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

1583/25,mb4.0/15, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PINNC Pines Island, DZM Mont Dzumac, URZ Urewera, etc.

KRNET 06 06:01:58.9-0.1, 39.56N-73.51E, mb3.1, 17C-8D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, ARLS Aral, GAR Garm, etc.

KRNET 06 06:02:28.8-0.1, 39.44N-73.61E, mb3.4, NNC 06 06:02:32.3-1.8, 39.48N-73.63E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=14.0km s-min=7.4km az=170.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, ARLS Aral, GAR Garm, etc.

06 03:33.4+1.3

Main table with columns: MRKS, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Merke, Karaybulak, Boomsokoye usch, etc.

06 03:33.4+1.3

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JOW Kunigami, DAV Davao City, H11S3 WAKE ISLAND, etc.

NEIC 06 06:08:23.8-2.8, 18.65S-107.173-47W-0.08, h10km, 1km, mb4.9/125, Error ellipse: s-maj=13.4km s-min=12.4km az=1.0

IDC 06 06:08:23.3-0.5, 18.45S-174.05W, h0km, mb4.7/17, mbtmp4.7/18, ML4.1/1, MS3.9/17, Error ellipse: s-maj=23.6km s-min=13.0km az=122.0

BUI 06 06:08:26.2-0.0, 17.98S-173.62W, h13km, mb5.0/12, mb5.3/7

NOU 06 06:08:29.5, 18.57S-173.23W, h54km, mb5.2/14, Tonga Islands

ISC 06 06:08:27.1-0.3, 18.73S-106.173-59W-0.06, h31km, mb3.5, 1324/304, mb4.9/82, MS3.9/14, 8D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, RAR Rarotonga, etc.

6d 6h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like KMRZ Katmai, OMRZ Omnia, HLRZ Highlands Stat, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Q18K Katmai Hardscr, TUC Tucson, I05D Terrebonne, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like M26K Nabesna, M26K Nabesna, MCK McKinley, etc.

Table with columns: Station Name, Code, Time, Res, ISC, and various station details. Includes stations like Coldfoot, Eggleth, Olgivie Camp, etc.

Table with columns: Station Name, Code, Time, Res, ISC, and various station details. Includes stations like Koelnbreinsper, MOTA, WTTA, etc.

Table with columns: Station Name, Code, Time, Res, ISC, and various station details. Includes stations like TUMC, TUMCO, ASDO, etc.

NAO 06:18:28.24-9.78:92N:5.59E,ML2.5
IEPN 06:18:30.0,78.57N:5.88E,h10km
BER 06:18:30.1,78.48N:5.42E,h10km,ML1.7,
ML2.5(NAO),Confirmed Earthquake
ISC 06:18:27.5-3.1,78.92N:0.07-5.8E:0.2,h10km,n17,
r1979/33,3C,Svalbard region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KINGSBAY, BARENTSBERG, SPITSBERGEN, HOPEN, ZEMLYIA FRANCAZ, etc.

IGQ 06:19:42.07,1N:3.08W, h4km
IDC 06:19:42.06,1.00N:79.44W,h0km,mb4.2/18,
mtbmlp4.3/19,ML3.8/1,MS3.9/27,Error ellipse:
s-maj=25.7km s-min=11.4km az=60.0
NEIC 06:19:48.4,2.0:0.92N:0.04:79.40W:0.07,h35km,1km,
mb4.6/129,Error ellipse: s-maj=11.4km s-min=7.3km
az=264.0

GCMT 06:19:48.3:0.0,0.84N:0.20:79.79W:0.03,h18km,1km,
MW4.9/78,Moment Tensor: s25,c28; s78,c105;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr:1.34e-14;
Mo:1.96e-10; Mo:0.61e-10; Mo:0.23e-19; Mo:0.85e-06;
Mo:2.11e-33; Best double couple: Mo:2.80800e-10
N1P:103.00000; 0.42.00000; A:29.00000; N1P2:
0.216.00000; 0.71.00000; A:129.00000; Principal axes:
T 2.4690,Plg17.0000; Azm333.0000; N 0.6790,
Plg36.0000; Azm230.0000; P -3.1470,Plg49.0000;
Azm84.0000; nsta1 refers to surface waves, cutoff=40s.
nsta2 refers to slant waves, cutoff=50s. Triangular
moment-rate function
VAO 06:19:49.6:0.4,0.96N:79.36W,h46km,mb4.7
ISC 06:19:45.4:1.3,0.92N:0.03:79.54W:0.04,h25km,gkm,
n483,r1973/423,mb4.5/75,MS3.9/24,2C,Near coast of
Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MAGI, ALIT, LITE1, TUMC, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ANTI, SLO, BTAM, ANTM, etc.

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

SMCO	Snowmass	45.59 330	I	Amb	06 28 07.8
SPMN	Marine on St.	45.65 347	I	Amb	06 28 04.1
SPMN	Marine on St.	45.65 347	P	P	06 28 03.5 -0.5
PV13	Radium Mtn., P	45.79 327	I	Amb	06 28 09.3
N23A	Red Feather Lk	46.42 332	P	P	06 28 09.8 -0.7
BC3	Big Chuckawalla	46.82 318	P	P	06 28 14.0 +0.5
O20A	White River Ci	46.95 330	P	P	06 28 15.0 +0.5
BELC	Belle Mtn. Jos	47.39 318	P	P	06 28 19.3 +1.3
109C	Camp Elliot, M	47.51 316	P	P	06 28 19.8 +1.0
GMC	Granite Mounta	47.63 319	P	P	06 28 20.8 +0.9
P17A	Butcher Ranch,	47.77 327	I	Amb	06 28 20.0
K22A	Casper	48.08 333	P	P	06 28 24.1 +0.9
HEC	Hector, Ludlow	48.10 319	P	P	06 28 24.4 +1.0
RSSD	Black Hills	48.21 336	P	P	06 28 25.0 +0.7
RSSD	Black Hills	48.21 336	P	P	06 28 24.9 +0.6
GSC	Goldstone, Bar	48.70 319	P	P	06 28 29.3 +1.3
ADW	Edwards Air Fo	49.24 318	P	P	06 28 32.9 +0.7
AGMN	Agassiz Nation	49.28 346	P	P	06 28 31.5 -0.5
TPNV	Topopah Spring	49.33 321	P	P	06 28 34.1 +1.1
SPR3	Spring Creek 3	49.47 324	P	P	06 28 35.0 +0.8
SPR3	Spring Creek 3	49.47 324	I	Amb	06 28 43.8
PDAR	Pinedale Arra	49.58 331	P	P	06 28 35.4 +0.5
PDAR	Pinedale Arra	49.58 331	P	P	06 29 56.1 -0.2
MPMC	Manual Prospec	49.59 319	P	P	06 28 36.2 +1.2
R11A	Troy Canyon, C	49.80 323	P	P	06 28 37.2 +0.7
MDND	Madlock	49.88 342	P	P	06 28 36.8 +0.1
ISA	Isabella, Lake	50.01 318	P	P	06 28 38.5 +0.4
CWC	Cottonwood Cre	50.20 319	P	P	06 28 41.6 +2.0
PKM	Mcperson Peak	50.49 316	P	P	06 28 42.9 +1.1
YES	Vestal, Richgr	50.52 318	P	P	06 28 43.0 +1.2
REDW	Red Top Meadow	50.66 331	I	Amb	06 28 52.5
ULM	Lac du Bonnet	51.08 347	P	P	06 28 43.7 -2.1
ULM	Lac du Bonnet	51.08 347	I	Amb	06 28 46.3
RLMT	Red Lodge	51.24 333	P	P	06 28 48.4 +1.0
NV11	Mina Array Sit	51.43 321	I	Amb	06 28 57.6
OMMB	Old Mammoth OI	51.48 320	P	P	06 28 51.4 +2.0
OMMB	Old Mammoth OI	51.48 320	I	Amb	06 29 00.2
NVAR	Mina Array Bea	51.52 321	P	P	06 28 51.5 +1.9
NVAR	Mina Array Bea	51.52 321	P	P	06 30 04.6 +1.0
NVAR	Mina Array Bea	51.52 321	P	P	06 28 50.9 +1.5
LHV	Little Huntoon	51.54 321	I	Amb	06 28 58.6
LHV	Little Huntoon	51.54 321	I	Amb	06 28 58.6
MDPB	Devils Postpil	51.55 320	P	P	06 28 52.3 +2.5
MDPB	Devils Postpil	51.55 320	I	Amb	06 28 58.4
YMR	Madison River	51.69 332	I	Amb	06 29 00.8
YHL	Hebgen Lake	51.92 332	I	Amb	06 29 02.4
BMN	Battle Mountai	52.09 324	I	Amb	06 29 02.1
HLID	Hailey	52.61 328	P	P	06 28 58.1 +0.6
BOZ	Bozeman (W)	52.69 332	P	P	06 28 58.6 +0.5
MFID	Camas Ranch	53.26 327	I	Amb	06 29 10.6
EGMT	Eagleton	53.71 335	P	P	06 29 06.3 +0.9
WVOR	Wild Horse Val	54.18 325	I	Amb	06 29 18.7
MSO	Missoula	54.69 334	P	P	06 29 13.7 +1.1
SCHO	Schefferville	54.74 9 LR	LR	LR	06 52 32.9
F10A	Beach Ranch, E	55.72 329	I	Amb	06 29 29.0
J05D	Fort Rock, OR	56.21 324	P	P	06 29 24.8 +1.1
WALA	Waterloo Lakes	56.30 333	P	P	06 29 24.6 +0.5
PINE	Pine Mountain	56.35 325	P	P	06 29 26.8 +2.0
PINE	Pine Mountain	56.35 325	I	Amb	06 29 33.0
I04A	Tending Farm,	57.20 324	P	P	06 29 31.8 +1.2
K02D	Willamette Mer	57.32 322	P	P	06 29 32.3 +0.7
G05D	Warm Springs	57.45 326	P	P	06 29 33.0 +0.7
G03D	McMinville, O	58.53 325	P	P	06 29 39.9 +0.1
FRB	Frishofer Bay	63.21 5 LR	LR	LR	06 57 40.1
YKA	Yellowknife Ar	66.79 343	P	P	06 30 34.3 -0.3
CRAO	Craig	69.44 331	P	P	06 30 50.8 -0.6
DLBC	Dease Lake	69.62 334	I	Amb	06 30 55.5
DLBC	Dease Lake	69.62 334	P	P	06 30 52.6 0.0
JIS	Juneau Island	71.47 333	I	Amb	06 31 07.2
P33M	Teslin, Yukon	71.80 335	I	Amb	06 31 09.4
P33M	Teslin, Yukon	71.80 335	P	P	06 31 05.3 -0.3
P32M	Atlin	71.85 334	P	P	06 31 06.1 0.0
PLBC	Pleasant Camp	72.95 333	P	P	06 31 12.9 +0.3
O30N	Mendenhall	73.48 335	P	P	06 31 15.6 -0.2
M31M	Drury Creek, Y	73.50 334	P	P	06 31 15.8 -0.1
P30M	Million Dollar	73.54 334	P	P	06 31 15.7 -0.4
N31M	Braeburn, Yko	73.70 335	I	Amb	06 31 20.3
N31M	Braeburn, Yko	73.70 335	P	P	06 31 17.0 -0.1
N30M	Aishkik Lake	74.24 335	P	P	06 31 20.1 -0.1
RES	Resolute Bay	74.24 356 LR	LR	LR	07 03 45.0
PNL	Peninsula	74.42 333	P	P	06 31 20.6 -0.7
YUK6	Outpost Mounta	74.54 334	P	P	06 31 21.5 -0.6
M30M	Minto, Yukon	74.66 336	I	Amb	06 31 24.9
M30M	Minto, Yukon	74.66 336	P	P	06 31 22.1 -0.4
DBIC	Dimbokro	74.68 83	P	P	06 31 23.8 +0.1
DBIC	Dimbokro	74.68 83	I	Amb	06 31 24.5

YUK3	Moose Creek	75.81 335	P	P	06 31 28.5 -1.0
SUMC	Summit	75.98 12	P	P	06 31 29.2 -1.2
SUMC	Summit	75.98 12	P	P	06 31 29.0 -1.4
BORG	Borgarnes	76.09 22	LR	LR	07 03 11.9
DAWY	Dawson	76.40 337	I	Amb	06 31 34.9
DAWY	Dawson	76.40 337	P	P	06 31 31.8 -0.7
INK	Inuvik	76.50 342	I	Amb	06 31 33.4 +0.5
INK	Inuvik	76.50 342	I	Amb	06 31 40.5
INK	Inuvik	76.50 342	P	P	06 31 32.2 -0.8
EPYK	Engle Plains	76.52 340	I	Amb	06 31 34.9
EPYK	Engle Plains	76.52 340	P	P	06 31 32.8 -0.3
A36M	Sachs Harbour	76.56 347	P	P	06 31 32.1 -1.1
I29M	Ogilvie Camp,	76.59 338	P	P	06 31 33.3 -0.3
M27K	Edge Creek, AK	76.67 335	P	P	06 31 35.0 +0.8
MCARA	McCarthy VSAT	76.77 334	P	P	06 31 34.2 -0.4
VRDI	Verde Repeater	76.90 334	I	Amb	06 31 37.6
BCAR	Beaver Creek A	76.92 336	P	P	06 31 36.6 +1.1
L27K	Beaver Creek,	76.94 336	I	Amb	06 31 38.9
L27K	Beaver Creek,	76.94 336	P	P	06 31 36.1 +0.4
GLB	Gilahina Butte,	77.14 334	I	Amb	06 31 39.8
M26K	Nabesna, AK	77.16 335	I	Amb	06 31 39.3
M26K	Nabesna, AK	77.16 335	P	P	06 31 36.9 0.0
BMRM	Bremner River	77.32 333	P	P	06 31 37.8 0.0
K27K	Chicken	77.45 336	I	Amb	06 31 40.9
K27K	Chicken	77.45 336	P	P	06 31 39.8 +1.4
N25K	Chitna, Valde	77.55 334	P	P	06 31 39.3 +0.2
L26K	Log Cabin Wild	77.56 335	I	Amb	06 31 42.0
L26K	Log Cabin Wild	77.56 335	P	P	06 31 39.2 +0.1
EYAK	Cordova Ski Ar	77.69 332	P	P	06 31 40.0 +0.2
KLU	Klutina	78.10 333	I	Amb	06 31 49.7
KLU	Klutina	78.10 333	P	P	06 31 42.4 +0.2
SCRK	Sand Creek	78.19 336	I	Amb	06 31 44.9
SCRK	Sand Creek	78.19 336	P	P	06 31 42.9 +0.2
J26L	Joseph Creek	78.23 337	I	Amb	06 31 50.7
J26L	Joseph Creek	78.23 337	P	P	06 31 42.3 -0.6
ESDC	Sonsecia Array	78.33 50	P	P	06 31 44.3 +0.4
ESDC	Sonsecia Array	78.33 50	LR	LR	07 04 02.8
ESDC	Sonsecia Array	78.33 50	P	P	06 31 44.1 +0.2
I26K	Coal Creek Min	78.40 337	I	Amb	06 31 46.5
I26K	Coal Creek Min	78.40 337	P	P	06 31 43.6 0.0
GLI	Glacier Island	78.42 333	P	P	06 31 44.4 +0.5
M24K	Tolsona, Glenn	78.43 334	P	P	06 31 43.8 -0.2
PAX	Paxson	78.43 335	I	Amb	06 31 45.8
PAX	Paxson	78.43 335	P	P	06 31 44.3 +0.3
RIDG	Independent Ri	78.46 336	I	Amb	06 31 43.8 -0.3
RIDG	Independent Ri	78.46 336	P	P	06 31 43.8 -0.3
SCM	Sheep Creek Mo	78.85 333	P	P	06 31 46.5 +0.2
K24K	Donnelly Dome	78.86 336	P	P	06 31 46.6 +0.3
J25K	Salcha River,	79.00 336	I	Amb	06 31 53.9
J25K	Salcha River,	79.00 336	P	P	06 31 47.2 +0.1
M23K	Glacier View	79.01 333	P	P	06 31 47.8 +0.7
KNK	Knik Glacier	79.22 333	P	P	06 31 48.0 -0.3
WAT6	Susitna Watana	79.28 334	P	P	06 31 47.7 -1.0
SEW	Seward Creek	79.29 331	P	P	06 31 47.8 -0.8
SML	Sawmill	79.29 333	I	Amb	06 31 51.8
SML	Sawmill	79.29 333	P	P	06 31 48.4 -0.3
GHO	Glory Hole Cre	79.55 333	I	Amb	06 31 51.9
HDA	Harding Lake	79.56 336	I	Amb	06 31 56.9
HDA	Harding Lake	79.56 336	P	P	06 31 50.0 -0.1
ILAR	Eielson Array	79.66 336	P	P	06 31 50.8 +0.2
ILAR	Eielson Array	79.66 336	LR	LR	07 09 39.5
ILAR	Eielson Array	79.66 336	P	P	06 31 50.0 -0.6
WAT7	Susitna Watana	79.77 334	P	P	06 31 51.1 +0.2
BMR	Burnt Mountain	79.79 339	P	P	06 31 51.2 +0.1
BRSE	Bradley Lake S	79.81 331	P	P	06 31 51.2 -0.3
COLA	College	80.08 336	P	P	06 31 52.7 -0.1
M22K	Willow	80.08 333	P	P	06 31 52.6 -0.3
TCOL	C/O, AF Yank	80.09 336	P	P	06 31 52.6 -0.3
MCK	McKinley	80.16 335	P	P	06 31 52.8 -0.5
KDAK	Kodiak Island	80.23 329	LR	LR	07 10 43.3
MDM	Murphy Dome	80.27 336	I	Amb	06 31 56.1
SUA	Susitna One	80.29 333	I	Amb	06 31 56.6
SUA	Susitna One	80.29 333	P	P	06 31 54.3 +0.1
Q20K	Shuyak Island	80.33 330	P	P	06 31 54.4 +0.1
C27K	Jagto River	80.36 341	P	P	06 31 54.7 +0.5
Noodor	Noodor Dome	80.42 337	I	Amb	06 31 56.9
H24K	Noodor Dome	80.42 337	P	P	06 31 54.1 -0.6
OHAK	Old Harbor	80.47 328	P	P	06 31 55.3 +0.3
NEA2	Nenana	80.49 336	P	P	06 31 55.3 +0.2
I23K	Minto, Yukon-K	80.78 336	I	Amb	06 31 58.5
I23K	Minto, Yukon-K	80.78 336	P	P	06 31 56.4 -0.2
SKT	Skwentna	80.79 333	P	P	06 31 56.4 -0.4
ILSW	Iliamna Southw	81.04 331	I	Amb	06 32 00.1
H23K	Yukon River	81.06 337	P	P	06 31 58.4 +0.3
D25K	Kavik River	81.11 341	P	P	06 31 57.9 -0.4
BPWA	Bear Paw Mtn.	81.14 335	I	Amb	06 32 00.1

BPWA	Bear Paw Mtn.	81.14 335	P	P	06 31 58.3 -0.3
TORD	Torodi Ar. Bea	81.26 77	P	P	06 31 60.0 -0.2
MLY	Manley	81.30 336	I	Amb	06 32 01.0
MLY	Manley	81.30 336	P	P	06 31 59.0 -0.4
PPLA	Purkeypile	81.33 334	P	P	06 31 59.4 -0.4
CAST	Castle Rocks	81.42 334	P	P	06 31 59.5 -0.6
M20K	Styrtner	81.50 333	P	P	06 32 00.4 -0.2
G23K	Bananza Creek	81.52 338	P	P	06 32 00.1 -0.5
Q18K	Katmai Hardscr	81.67 329	P	P	06 32 01.2 -0.5
H22K	Ishlaltina Cre	81.80 337	P	P	06 32 02.0 -0.1
I21K	Tanana	81.85 336	P	P	06 32 01.9 -0.3
N19K	Bonanza Creek	81.88 331	P	P	06 32 02.0 -0.6
P18K	Big Mountain,	81.94 330	P	P	06 32 02.4 -0.5
L20K	Forewell, AK	81.98 333	P	P	06 32 01.9 -1.1
C24K	Franklin Bluff	82.01 341	P	P	06 32 02.8 -0.2
O18K	Koktu Hills	82.03 330	P	P	06 32 03.0 -0.4
M19K	Big River Lodg	82.08 333	P	P	06 32 03.0 -0.5
R17K	Ugavik Creek	82.19 328	P	P	06 32 03.7 -0.5
K20K	Telida	82.27 334	I	Amb	06 32 11.4
K20K	Telida	82.27 334	P	P	06 32 04.6 0.0
H21K	Melozitna Rive	82.31 336	P	P	06 32 03.9 -0.8
L19K	White Mountain	82.36 333	P	P	06 32 04.6 -0.5

comp=Z,0.9nm,0.7s
TORD Torodi Ar. Bea 48.79 262 P P 07 21 46.4 +0.7
 comp=Z,1.0nm,0.8s,baz=64,slow=6.9,SNR=5.1
 comp=Z,1.0nm,0.8s
ASAR Alice Springs 94.61 114 P P 07 26 20.1 -1.3
 comp=Z,0.4nm,0.7s,baz=296,slow=4.2,SNR=5.0
 comp=Z,0.4nm,0.7s

IDC 06 07:31:25.9.8.3, 16:37N-85:92W, h0km, mb3.9/5,
 mbtmp4.0/7, ML3.8/2, MS3.1/8, Error ellipse:
 s-maj=143.6km s-min=44.5km az=153.0
 INET 06 07:31:34.9.0.8, 16:54N-86:00W, h15km, 4km, MW3.4
 ISC 06 07:31:26.8.1.1, 16:35N-05:85.9W, 0.2, h10km, n17,
 o0591/14, mb3.8/4, MS3.1/4, North of Honduras

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
RCON	San Juan de Ri	2.85	184	eP	07 32 21.3	+0.3
RCON				eS	07 32 57.8	-0.7
RCON				eS	07 32 27.5	+0.3
MATN	Matagalpa	3.40	180	eP	07 33 10.2	+1.7
MATN				eS	07 32 34.1	+0.3
CRIN	San Cristobal	3.79	197	eP	07 32 35.1	+0.3
BOAB	BOACOB BROADBA	88	176	eP	07 33 22.4	0.0
BOAB				eS	07 33 30.7	-0.9
CMIG	Matias Romero	8.62	276	Pn	07 34 59.1	-1.0
CMIG				Sn	07 37 17.7	
SDV	Santo Domingo	16.66	115	LR	07 43 08.3	
SDV				LR	07 42 38.0	
SJG	San Juan	18.97	82	LR	07 35 52.1	-1.2
TKL	Tuckaleechee C	19.33	5	P	07 39 07.0	-2.3
TKL				Sn	07 43 03.2	
TXAR	Lajitas Array	20.81	311	P	07 36 09.1	-1.9
TXAR				S	07 39 42.1	-1.9
ANMO	Albuquerque	26.09	319	P	07 37 00.8	-0.2
SADO	Sadowa	28.91	10	LR	07 49 00.3	
PFO	Pinyon Flats O	32.41	308	LR	07 54 10.5	
MDP	Montagnes des	34.50	105	LR	07 52 15.1	
ELK	Elko	37.12	320	P	07 38 21.4	+0.6
NVAR	Mina Array Bea	35.91	314	P	07 38 29.1	+1.5
RCBR	Riachuelo	54.16	110	LR	08 08 43.0	
ILAR	Eielson Array	63.10	335	P	07 41 54.7	+0.4

JMA 06 07:39:47.8.0.3, 24°N, 132°E, 1.0, h81km, 2km,
 MV2.3/10, NW OFF ISHIGAKIJA IS
 TAP 06 07:39:47.24.36N, 122°77E, h78km, 1km, ML3.2, C
 ISC 06 07:39:47.7.1.4, 24°34N, 0°05:122°81E, 0.03, h81km, 9km,
 n57, o059/95, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
JYNG	Yonagunijimaka	0.17	49	eP	07 39 59.7	+0.3
JYNG				eS	07 40 07.5	-0.6
YOJ	Yonaguni jima	0.22	57	P	07 39 59.9	+0.2
YOJ				S	07 40 08.8	+0.3
YOJ	Yonaguni jima	0.22	57	P	07 39 59.9	+0.2
YOJ				Sn	07 40 08.4	-0.1
IRIF	Iriomote-Funau	0.84	90	P	07 40 05.2	+0.2
IRIF				Sn	07 41 17.9	+0.1
TWC	Suao	0.91	287	P	07 40 05.5	-0.3
TWC				eS	07 40 18.2	-1.0
EGS	baz=286	0.94	302	eP	07 40 06.2	+0.1
EWUT	Wuta	0.94	276	eP	07 40 06.3	+0.2
HATJ	Hateruma jima	0.95	107	P	07 40 07.2	+1.0
HATJ				Sn	07 40 21.1	+1.0
ENA	Nanau	0.98	275	eP	07 40 06.8	+0.2
NTC	Toucheng	1.03	300	eP	07 40 06.9	-0.2
NTC				eS	07 40 20.7	-0.9
NDS	Dongshan	1.04	286	eP	07 40 07.1	-0.1
NDS				eS	07 40 21.7	-0.2
TIPB	Shuangxi	1.09	305	eP	07 40 07.5	-0.5
ETL	Fush Village	1.10	261	eS	07 40 23.1	-0.1
JKRS	Kuro-shima	1.10	95	P	07 40 08.5	+0.5
JKRS				Sn	07 40 23.9	+0.7
TWE	Neicheng	1.11	290	eP	07 40 08.2	+0.1
NACB	Ninganchiao	1.12	262	P	07 40 23.5	-0.2
NACB				S	07 40 08.1	-0.4
SKX1	Grass Mountain	1.13	312	eP	07 40 08.1	-0.4
TWD	Chiawan	1.14	257	eP	07 40 23.6	-0.4
TWD				eS	07 40 08.4	0.0
NWF	Wu-fen Shan	1.18	308	eP	07 40 09.0	-0.1
LATG	Datong	1.18	280	P	07 40 09.4	+0.3
LATG				eS	07 40 25.4	+0.2
FUSB	Fushanzhiwuyua	1.19	291	P	07 40 09.3	+0.1
FUSB				eS	07 40 25.0	-0.2
JJU	Ishigaki jima	1.22	89	P	07 40 09.5	+0.1
JJU				Sn	07 40 24.7	-1.1
ETLH	Xiulin Townshi	1.22	264	eP	07 40 09.5	-0.1
ETLH				eS	07 40 25.7	-0.3
NWLT	Ululai	1.27	290	eP	07 40 10.4	+0.3
NWLT				eS	07 40 26.2	-0.7
TWA	Mucha	1.28	300	eP	07 40 10.2	-0.1
NNSB	Datong	1.30	274	eP	07 40 10.7	+0.1
NNSB				eS	07 40 27.5	-0.4
YHNB	Yeheng	1.34	284	eP	07 40 11.5	+0.4
YHNB				eS	07 40 27.8	-1.0
ESL	Shilin	1.36	248	eP	07 40 11.4	+0.1
ESL				eS	07 40 28.8	-0.3
NSK	Sanguang	1.36	284	eP	07 40 11.7	+0.3
NSK				eS	07 40 29.0	-0.2

YM01	YM01	1.38	306	eP	Pn	07 40 11.5	-0.1
WHF	Hehuan Shan	1.42	262	eP	Pn	07 40 12.6	+0.2
EGFH	Guanafu	1.43	242	eS	Sn	07 40 30.5	-0.1
FUSS	Fushou	1.43	267	eP	Sn	07 40 12.9	+0.5
FUSS				eS	Sn	07 40 30.9	-0.1
PCYT	Pengchaiyu	1.45	333	eP	Pn	07 40 12.4	0.0
NTST	Danshui	1.48	304	eP	Pn	07 40 12.7	-0.1
TWT	Tachien	1.49	267	eP	Pn	07 40 14.2	+1.1
TWT				eS	Sn	07 40 32.8	+0.5
TDCB	Techi	1.51	267	P	Sn	07 40 14.2	+0.8
TDCB				eS	Sn	07 40 32.1	-0.5
CHGB	baz=265	1.52	260	eP	Pn	07 40 14.0	+0.5
CHGB				eS	Sn	07 40 32.9	-0.1
HGSD	Ruisui	1.52	237	eP	Pn	07 40 13.7	+0.3
OWD	Renai	1.54	256	P	Pn	07 40 14.1	+0.3
OWD				S	Sn	07 40 32.9	-0.5
NFF	Wufeng Townshi	1.57	281	eP	Pn	07 40 14.5	+0.5
NFF				eS	Sn	07 40 33.7	-0.2
WUSB	Renai	1.58	258	eP	Pn	07 40 14.9	+0.7
WUSB				eS	Sn	07 40 34.3	-0.1
EHY	Huayue	1.59	239	eP	Pn	07 40 14.5	+0.2
EHY				eS	Sn	07 40 34.1	-0.3
VWDT	VWDT	1.63	249	eP	Pn	07 40 15.4	+0.6
VWDT				eS	Sn	07 40 35.3	0.0
LIOB	Emel	1.66	281	eP	Pn	07 40 16.2	+1.1
LIOB				eS	Sn	07 40 37.2	+1.2
NSTT	Nanjiang	1.67	280	eP	Pn	07 40 16.0	+0.7
NSTT				eS	Sn	07 40 36.5	+0.3
YULB	Yu-ii	1.68	236	eP	Pn	07 40 15.6	+0.3
WHP	Taichung City	1.70	268	eP	Pn	07 40 17.1	+1.4
WHP				eS	Sn	07 40 38.1	+1.1
JTJ	Tarama	1.75	80	P	Sn	07 40 16.4	0.0
JTJ				S	Sn	07 40 37.0	-1.1
SSLB	Suanglung	1.78	252	eP	Pn	07 40 17.4	+0.6
SSLB				eS	Sn	07 40 38.7	-0.2
SMLT	Sun Moon Lake	1.80	256	eP	Pn	07 40 17.9	+0.8
TYC	Yuchr	1.83	257	eP	Pn	07 40 18.3	+0.9
YUS	Yu-Shan	1.90	244	eP	Pn	07 40 19.7	+0.9
YUS				eS	Sn	07 40 42.1	-0.2
ELDTW	Lidau	2.00	235	eP	Pn	07 40 20.1	+0.3
ALS	Alishan	2.01	246	eP	Pn	07 40 21.7	+1.6
LDUT	Ludao	2.07	217	eP	Pn	07 40 20.3	-0.3
LDUT				eS	Sn	07 40 44.5	-1.0
LYUB	Lan-yu	2.59	206	eP	Pn	07 40 26.7	-0.9
LYUB				eS	Sn	07 40 56.6	-1.5

IDC 06 07:45:26.2.1.4, 54°05'S, 159°17'E, h0km, mb3.8/5,
 mbtmp4.0/6, ML4.5/1, MS3.6/9, Error ellipse: s-maj=51.5km
 s-min=19.6km az=74.0

ISC 06 07:45:27.1.1.5, 54°15'S, 0°11:159°2E, 0.2, h10km, n20,
 o079/6, mb3.8/5, MS3.6/8, Macquarie Island region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
RPZ	Rata Peaks	12.96	42	Pn	07 48 31.7	-0.1
RPZ				LR	07 52 16.9	
URZ	Urewera	20.51	45	LR	07 56 41.6	
VNDA	Vanda	23.58	179	P	07 50 37.4	-0.7
VNDA				LR	07 58 09.7	
STKA	Stephens Creek	25.48	323	P	07 50 56.3	+0.4
DZM	Mont Duamca	32.41	13	LR	08 01 32.1	
CTA	Charters Town	35.32	339	LR	08 04 31.8	
ASAR	Alice Springs	35.77	318	P	07 52 26.1	-0.9
ASAR				LR	08 04 44.7	
QSPA	Pole Qui	36.06	180	P	07 52 29.6	+0.5
H01W1	Cape Leeuwin H	36.62	283	T	08 31 13.3	
H01W2	Cape Leeuwin H	36.62	283	T	08 31 13.8	
H01W3	Cape Leeuwin H	36.63	283	T	08 31 14.6	
WRA	Warramunga Arr	38.99	321	P	07 52 54.6	+0.5
PMG	Port Moresby	45.56	343	LR	08 09 27.6	
H03S2	Juan Fernandez	79.15	134	T	09 25 15.9	
H03S1	Juan Fernandez	79.15	134	T	09 25 17.0	
H03S3	Juan Fernandez	79.17	134	T	09 25 16.6	
H03N3	Juan Fernandez	79.48	134	T	09 25 35.0	
H03N2	Juan Fernandez	79.49	134	T	09 25 35.5	
H03N1	Juan Fernandez	79.50	134	T	09 25 37.3	
LBTB	Lobatse	91.66	221	LR	08 30 50.9	

IDC 06 08:22:24.0.2.9, 54°00'N-86°67'E, h0km, mbtmp2.7/2,
 ML2.6/1, Error ellipse: s-maj=23.3km s-min=13.3km
 az=67.0, Southwestern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
I46RU	ZALESOVO INFRA	1.09	268	Pg	08 29 10.0	
ZALV	Kalovo Beam	1.09	268	Pg	08 22 43.6	-1.3
ZALV				Lg	08 22 59.3	
KURBB	Kurchatov	6.03	239	Pn	08 23 55.4	+1.1

KURBB	baz=63,slow=31,SNR=1.6	Lg	Lg	08 25 38.5		
MKAR	Makanchi Array	7.74	203	Pn	08 24 17.8	0.0
MKAR				Sn	08 25 48.0	+1.9
MKAR				Lg	08 26 26.8	
TUL	06 08:22:25.2.1.1, 36°16'N, 0°02:96°74W, 0.03, h5km, 1km, ML2.6, mb_Lg2, 1/9(NEIC), Error ellipse: s-maj=3.4km s-min=2.6km az=85.0					
NEIC	06 08:22:25.4.0.9, 36°18'N, 0°02:96°76W, 0.02, h7km, 6km, Error ellipse: s-maj=2.7km s-min=2.3km az=155.0					
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
QUOK	Quay	0.04	98	Op	08 22 26.5	-0.4
OK034	N. Norfolk Rd.	0.17	167	Pg	08 22 28.7	-0.2
OK033	Mehan	0.20	228	Pg	08 22 29.6	+0.3
OK031	S. Brethren Rd	0.23	196	Pg	08 22 30.0	0.0
DEOK	Cody Creek RV	0.25	185	Pg	08 22 30.1	-0.2
OK029	Liberty Lake	0.40	148	Pg	08 22 32.8	+0.2
BLOK	Blackwell	0.68	236	Pg	08 22 38.6	+0.1
OK025	Westminster Rd	0.76	218	Pg	08 22 38.9	+0.2
T35A	Seonier Cattle	0.76	15	Pg	08 22 40.0	-0.1
TUL1	Leonard	1.11	308	Pg	08 22 40.7	-0.5
BCOK	Bluff Creek N					

6d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MKAR Makanchi Array, ILAR Eilson Array, etc.

IDC 06 09:39:15.0, 1.9, 86S:74.64W, h0km, mb3.7/4, mbmp3.7/8, ML3.4/4, MS2.9/5, Error ellipse: s-maj=31.9km s-min=15.6km az=35.0

NEIC 06 09:39:18.6, 1.5, 10.05S:0.06:74.94W, h0km, mb3.7/4, Error ellipse: s-maj=12.1km s-min=7.3km az=126.0

ARE 06 09:39:18.2, 2.1, 10.01S:0.07:74.94W, h0km, mb3.7/4, ML4.4, mb4.3/6(NEIC), Error ellipse: s-maj=11.3km s-min=8.9km az=131.0

ISC 06 09:39:19.8, 0.7, 9.89S:0.06:74.67W, h0km, h35km, n31, o188/30, mb3.7/4, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CZSB Cruzeiro do Su, NNA Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BOSB San Juan Bosco, ARNL Arenillas, ETMB Extrema, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LPAZ La Paz, PORT Chimborazo Vol, CSHOR Refugio Sur-Vo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for VILB Vilhena, SIV San Ignacio, SIV SIV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MACA Manacapuru-AM, PTBL Potes e Lacer, BOAV Boa Vista, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SJCC San Jacinto, BAUV El Bau, MDP Montagnes des, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for RCBR Riachuelo, TXAR Lajitas Array, P52A Corning, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TORD Torodi Ar. Bea, ESDC Sonseca Array, WRA Warramunga Arr, etc.

IDC 06 09:49:29.3, 5.0, 17.57S:178.62W, h565km, 2.1km, mb3.2/5, mbmp4.1/6, Error ellipse: s-maj=101.6km s-min=27.3km az=47.0

ISC 06 09:49:30.6, 4.4, 17.9S:0.5:178.8W, 0.5, h550km, n6, o131/6, mb3.7/4, Fijil Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MSVF Non savu, URZ Urewera, STKA Stephano, WRA Warramunga Arr, ASAR Alice Springs, MAW Mawson, etc.

TUL 06 10:05:07.1, 0.7, 36.532N:0.005:98.67W, h0km, 4km, ML2.5, mb, Lg2.4/23(NEIC), Error ellipse: s-maj=2.1km s-min=0.8km az=90.0

NEIC 06 10:05:07.4, 0.5, 36.52N:0.02:98.67W, h0km, 4km, Error ellipse: s-maj=2.5km s-min=1.6km az=215.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for OK038 West end E0370, OK039 E0210 Rd and N, NOKA Wayneoka, etc.

2016 JUL

Table with columns: FNO Franklin, OK030 Cody Creek RV, OK034 N. Norfolk Rk, T35A Sooner Cattle, DEOK Dewep, TUL1 Leonard, etc.

Table with columns: RLO Rose Lookout, X37A Clayton, HHAR Hobbs, M5TX Muleshoe, S39A Soliver, M19A Mount Ida, T25A Trinidad, etc.

Table with columns: P38A Dawn, OGME Ogallala, M300 Mountain Grove, R40A Maddies Station, JCT Junction City, FVM French Village, N23A Red Feather Lk, etc.

Table with columns: ARE 06 10:18:51.0, 0.1, 15.94S:74.66W, h52km, Error ellipse: s-maj=0.0km s-min=0.0km az=90.0

IDC 06 10:18:52.9, 2.9, 15.78S:74.52W, h53km, 22km, mb3.9/3, mbmp4.0/6, ML3.6/2, MS2.9/3, Error ellipse: s-maj=49.4km s-min=15.9km az=44.0

GUC 06 10:18:53.2, 0.4, 15.98S:74.42W, h18km, 13km, ML4.0, NEIC 06 10:18:53.8, 2.4, 16.01S:0.09:74.76W, h0km, 7km, mb4.5/4, ML4.2(ARE), Error ellipse: s-maj=17.2km s-min=1.8km az=221.0

ISC 06 10:18:51.9, 0.7, 16.02S:0.07:74.64W, h0km, h49km, n52, o231/45, mb4.4/5, 1C, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NNA Nana, NNA Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NNA Nana, NNA Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NNA Nana, NNA Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LPAZ La Paz, G001 Chumiza, PATXC Punta Patache, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LPB01 IPOC Station P, LPB07 IPOC Station P, LPB04 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MDP Montagnes des, RCBR Riachuelo, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TXAR Lajitas Array, TX31 Lajitas Ar. Si, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DBIC Dimbokro, TOAO Torodi Ar. Sit, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WYDA Wanda, H1N3 WAKE ISLAND Hy21.58 284, H1N2 WAKE ISLAND Hy21.59 284, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for H1N1 WAKE ISLAND Hy21.59 284, H1S2 WAKE ISLAND Hy21.61 282, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for H1S1 WAKE ISLAND Hy21.62 282, H1S3 WAKE ISLAND Hy21.63 282, etc.

879.12000°, λ-51.80000°. NP2:167.18000°, 839.49000°, λ-162.73000°. Principal axes: T 2.7796, Plg24.0000°, Azm125.0000°, N 0.3894, Plg37.0000°, Azm235.0000°, P -3.1689, Plg43.0000°, Azm10.0000°.

NIED 06 10:41:16.4, 24.21N:125.98E, h77km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mr=0.78; Mw=1.53; Ms=2.32; Me=0.96; Mm=3.29; Mv=1.00; Fault plane solution: M=4.11000x1015 Np1=73.00000°, 871.00000°, λ-13.00000°. NP2:167.00000°, 878.00000°, λ-160.00000°.

JMA 06 10:41:16.4, 0.2, 24.21N:125.98E, h77km, MW4.4, 1/19, MW4.2/19, NEAR MIYAKOJIMA ISLAND

ISC 06 10:41:14.5, 1.7, 24.17N:0.05:126.00E, h12km, 10km, n193, o1943/185, mb4.4/5, MS3.5/26, SC-6D, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JOGS Gusukube, JOGS Gusukube, JM2J Miyako jima3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima2, JM2J Miyako jima1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

IDC 06 10:41:12.3, 0.7, 24.24N:126.08E, h0km, mb4.0/17, mbmp4.1/19, ML4.5/2, MS3.4/26, Error ellipse: s-maj=20.1km s-min=15.4km az=94.0

BUI 06 10:41:13.8, 0.0, 24.27N:125.98E, h11km, mb4.4/35, mb4.4/20, Ms3.8/12, Ms7.3/7/13

MOS 06 10:41:14.4, 1.6, 24.24N:125.94E, h19km, mb4.5/7, Error ellipse: s-maj=16.1km s-min=8.6km az=88.2

NEIC 06 10:41:14.9, 1.7, 24.22N:0.08:125.99E, h0km, 1km, mb4.5/63, Mw4.3/13, Error ellipse: s-maj=14.1km s-min=9.6km az=155.0

NEIC 06 10:41:15.1, 1.7, 24.24N:125.98E, h21km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mr=0.85; Mw=1.98; Ms=1.98; Mv=1.27; Mv=0.42; Fault plane solution: M=2.10000x1015 Np1=63.68000°,

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JOGS Gusukube, JOGS Gusukube, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima2, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima3, JM2J Miyako jima1, JM2J Miyako jima2, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima1, JM2J Miyako jima2, JM2J Miyako jima3, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JM2J Miyako jima2, JM2J Miyako jima3, JM2J Miyako jima1, etc.

6d 13h

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like KNRA Kununurra, SWI Sorong, SBA Scott Base, VDA Vanda, etc.

2016 JUL

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like SII Sitkinak Islan, TUQ Turquoise Moun, L04D Klamath Falls, NVAR Mina Array Bea, etc.

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like NJ2 Nanjing, M20K Styx River, SUA Susitna One, L19K White Mountain, etc.

2016 JUL

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BNN Bunyan, CRVS Cervenica-Dubn, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WTTA Wattenberg, SOKA SOKA, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LR03 Panguipulli, PLCA Paso Flores, etc.

KNET 06 13:32:35.5:0.1, 39.48N:73.53E, mb3.4
NMC 06 13:32:40.2:3.7, 39.51N:73.42E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=28.1km s-min=14.1km az=173.0
SOME 06 13:32:46.6, 39.85N:73.45E, h5km
ISC 06 13:32:38.9:1.2, 39.57N:0.06:73.46E:0.03, h10km, n40,

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 OHH Osh, BTK Batken, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KKAR Karatay Array, MTBS Maitube, TNSN Tian-Shan, etc.

NEIC 06 13:34:15.7±1.9, 18.65S±0.10; 173.49W±0.07, h10km, 1km, mb4.7/17, Error ellipse: s-maj=16.7km s-min=10.6km

IDC 06 13:34:16.5±1.4, 18.40S±0.17; 174.04W±0.07, h0km, mb4.2/6, mbmp4.1/8, ML3.3/2, MS3.6/2, Error ellipse: s-maj=42.1km s-min=24.0km az=129.0

ISC 06 13:34:18.1±0.6, 18.57S±0.07; 173.54W±0.07, h31km, n37, c191/30, mb4.5/13, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, MSFV Nonsavu, etc.

ILAR Eielson Array 85.56 11 P P 13 46 55.4 +2.5

comp=Z,0.6nm,0.8s,baz=221,slow=5.3,SNR=6.5

IDC 06 13:41:52.5±1.6, 16.81S±1.79; 02W, h617km, 18km, mb3.0/5, mbmp4.0/6, Error ellipse: s-maj=39.0km s-min=22.1km az=153.0

ISC 06 13:41:51.4±1.0, 16.8S±0.3; 179.0W±0.2, h600km, n6, c1540/8, mb3.6/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MSFV Nonsavu, RPZ Rata Peaks, WRA Warrungarra Arr, etc.

IDC 06 14:12:54.0±1.1, 0.772N±126.76E, h170km, 102km, mb3.4/5, mbmp3.9/5, Error ellipse: s-maj=261.0km

MAN 06 14:12:54.7±59N±126.50E, h166km, Ms3.3

ISC 06 14:12:54.1±0.9, 7.63N±0.05; 126.6E±0.1, h170km, 6km, n15, c1503/23, mb3.9/3, 3C-5D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BIPH Bislig, MATI Mati, DAV Davao City (W), etc.

ASAR Alice Springs 31.93 167 P 14 19 03.9 -0.1

MKAR Makanchi Array 54.29 324 P 14 22 03.1 +0.3

ZALV Zehnsof Beam 57.56 332 P 14 22 21.9 -0.5

FINES FINESSE Array B 88.33 332 P 14 25 26.6 +0.2

TORD Torodi Ar. Bea 121.47 290 PKP 14 31 28.0 -0.4

IDC 06 14:28:13.3±2.4, 6.43S±129.82E, h0km, mb3.8/1, mbmp3.7/3, ML3.6/2, MS3.1/3, Error ellipse: s-maj=143.0km s-min=32.1km az=69.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DAV Davao City (W), WRA Warrungarra Arr, etc.

LDG 06 14:31:14.2±0.1, 43.38N±0.24W, h20km, Md3.6/2, M3.4/1/1, Error ellipse: s-maj=1.2km s-min=0.9km az=127.0

STR 06 14:31:14.9±0.5, 43.3N±0.2±, h6km, MLV3.4/1/1, Error ellipse: s-maj=0.0km s-min=0.0km az=119.2, preliminary

INMG 06 14:31:16.3±1.5, 43.41N±0.29W, h15km, 3km, ML2.5, Error ellipse: s-maj=2.1km s-min=2.1km az=163.0

MDD 06 14:31:16.4±0.1, 43.38N±0.26W, h12km, mb_Lg3.0/25, Error ellipse: s-maj=1.3km s-min=1.1km az=168.0

ISC 06 14:31:13.7±0.9, 43.38N±0.02; 02W, h16km, 7km, n136, c2869/240, 3C-2D, Pyrenees

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ATE Arette, VIEF View, ETSF Etsaft, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LFF 404nm,0.4s, MTLF Montlieux, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like ECAL Calabor, GRR Gorron, EPON Pontonova, etc.

Table with columns: TRKS, Terek-Say, UCH, UCH, UCH, EKS2, Erkin-Say, EKS2, Uchtor, AAK, Ala-Archa, AAK, MRKS, Merke, MRKS, Merke, MRKS, Merke, MRKS, Uhlul, Uhlul, Uhlul, BOOM, Booms koye usch, BOOM, CHMS, Chumysh, CHMS, CHMS, Chumysh, CHGR, Chuyngaron, CHGR, IUG, Iuzhnyy, IUG, IUG, Iuzhnyy, IUG, TKM2, Tokmak 2, TKM2, Tokmak 2, TKM2, USP, Ozenpovka, USP, KST, Kastek, KST, DGS, Degeres, DGS, DGS, Degeres, DGS, KK31, Karatay Array, KK31, KK31, Karatay Array, KKAR, Karatay Array, KKAR, TNSS, Tian-Shan, TNSS, TNSS, Tian-Shan, TNSS, MDOK, Medeo, MDOK, MDOK, Medeo, MDOK, KOTS, Kotyrbuiak, KOTS, KOTS, Kotyrbuiak, KOTS, KTBS, Karatobe, KTBS, KUU, Kurty, KUU, KUU, Kurty, KUU, CHKK, Chushlyak, CHKK, CHKK, Chushlyak, CHKK, BTLS, Baital, BTLS, ARXS, Arharly, ARXS, ARXS, Arharly, ARXS, ARXS, Arharly, ARXS

Table with columns: FNO, Franklin, FNO, OK031, S. Brethren Rd, OK030, Cody Creek RV, OK030, N. Norfolk Rd., OK034, Carrier, CROK, Quay, QUOK, comp=Z,10nm,0.8s, QUOK, DEOK, Depew, BLOK, Blackwell, GC02, Grant County #, OK038, Weymou, KAN14, Manchester OK, X34A, Smith Ranch, M, KAN17, Caldwell West, KAN01, Argonia South, NOKA, Waymou, T35A, Sooner Cattle, TUL1, Leonard, KAN08, Anthony NE Sta, KAN06, Argonia West S, WMOK, Wichita Mounta, LOOK, comp=Z,12nm,0.9s, RLO, Rose Lookout, X37A, Perchaven, San, CBKS, Cedar Bluff, comp=Z,4.8nm,0.8s, AMTX, Amarillo, comp=Z,4.6nm,0.8s, MIAR, Mount Ida, 3.50 110 Pn, MIAR, comp=Z,4.8nm,0.8s, S39A, Bolivar, 3.89 60 Pn, UALR, University of, 4.40 102 IAMB_Lg, FCAR, Ozark Folk Cen, 4.42 87 IAMB_Lg, MGMO, Mountain Grove, 4.48 71 IAMB_Lg, P38A, Dawn, 4.97 39 IAMB_Lg, comp=Z,3.7nm,0.8s

PRE 06 15:22:40.0:1.6,26:47S>27:58E,h2km,ML3.1,Fault plane solution: N P1:347.70000°,370.00000°,

IDC 06 15:22:43.4:4.3,26:38S>27:28E,h0km,mb3.6/2,mbmp3.5,ML3.4/I,MS2.3/I, Error ellipse: s-maj=107.7km s-min=17.7km az=114.0

EAF 06 15:22:46.8:1.1,26:52S>27:58E,h37km,12km,MD3.5 BUL 06 15:22:46.8:1.1,26:51S>27:55E,h34km,12km,MD3.7 ISC 06 15:22:43.0:0.9,26:44S>0:02-27:54E,0.03,h15km,5km, n48,c193/91,7C-3D,South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like WDLM Western Deep L, PRYS, Parys, HRAO HaritRAO, KSR, Koster, SLR, Silverton, SNKL, Senekal, SWZ, Schweizer, LBTB, Lobatse, LBTB, Lobatse, LBTB, Lobatse, LBTB, Lobatse, LBTB, Lobatse, NWCL, Newcastle, BOSA, Boshof, BOSA, Boshof, BOSA, Boshof, POGA, Pongola, CNG, Chngalane, KSTD, Kokstad, HVD, Gariep Dam, MOPA, Mopani, MOPA, Mopani, MOPA, Mopani, MOPA, Musina, Limpop, MUSN, Musina, Limpop, MUSN, Musina, Limpop, UPI, Uppington, UPI

KRNET 06 15:15:27.7:0.1,39:56N,73:59E,mb3.1 NNC 06 15:15:35.0:3.2,39:74N,73:54E,h0km,mb3.6,mpv3.4, Error ellipse: s-maj=23.2km s-min=10.6km az=174.0

SOME 06 15:15:39.1,40:03N,73:30E,h5km ISC 06 15:15:31.2:1.2,39:70N,0:05-73:47E,0:03,h10km,n40,c172/68,20C-16D,Tajikistan-Xinjiang border region

TUL 06 15:19:09.9:0.4,35:810N,0:010:97:572W,0:008, h5km,3km,ML2.6,mb_Lg2.2/15(NEIC), Error ellipse: s-maj=1.5km s-min=0.8km az=196.0

NEIC 06 15:19:10.6:0.5,35:81N,0:01:97:569W,0:009,h7km,2km, Error ellipse: s-maj=1.8km s-min=0.8km az=204.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like OK029, Liberty Lake, BCOK, Bluff Creek, N, BCOK, Westminister Rd, OK025, Oklahoma City, OK025, OKLAHOMA CITY, OK033, Mehan, OK033, comp=Z,19nm,0.8s

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2016 JUL

6d 15h

Table with columns: Station Name, Code, Time, Res, etc. Includes stations like MATP Matopo, BLWY Bulawayo, AUGR Augrabies, etc.

NEIC 06 15:29:01.0.2.2, 7.43S:0.08:120.00E:0.08, h387km, 5km, mb4.5/48, Error ellipse: s-maj=12.4km s-min=9.9km az=50.0

DJA 06 15:29:01.0.0.1, 8.5S:2.12E, h382km, 2km, M4.5/59, mb5.0/34, mb4.6/59, MLV=0.35, Mw(mb)4.4/34

IDC 06 15:29:01.3.0.6, 7.31S:120.15E, h397km, 5km, mb4.0/18, mbmp4.7/18, Error ellipse: s-maj=16.4km s-min=6.7km az=62.0

ISC 06 15:29:01.3.0.3, 7.42S:0.04:120.02E:0.05, h400km, n225, s127/229, mb4.4/44, Flores Sea

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like BSSI Bau Bau, EDPI Ende, WBSI Waikabubak, etc.

Table with columns: Station Name, Code, Time, Res, etc. Includes stations like UGM Wanagama, SMRI Semarang, PBKI Pangkalan Bun, etc.

Table with columns: Station Name, Code, Time, Res, etc. Includes stations like WRKA Warukina, KRJI Kerinci, SMPI Samri, etc.

Table with columns: Station Name, Code, Time, Res, etc. Includes stations like KSRS Korea Array, MJAR Matsushiro, DZM Mont Dzumac, etc.

NEIC 06 15:29:18.7.2.4, 24.21S:0.06:175.21W:0.07, h10km, 1km, mb4.8/52, Error ellipse: s-maj=14.1km s-min=6.2km az=129.0

IDC 06 15:29:18.9.0.5, 24.29S:175.83W, h0km, mb4.6/14, mbmp4.6/14, MS4.1/46, Error ellipse: s-maj=20.0km s-min=18.5km az=132.0

GCMT 06 15:29:23.7.0.3, 24.19S:0.03:175.27W:0.02, h23km, MW4.9/79, Moment Tensor Solution. s37,c44; s79,c101;

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

NEIC 06 18:32:44.6:1.8, 22.2N:01.143:0E:0.1, h21km, 5km, mb4.5/1, Error ellipse: s-maj=18.2km s-min=14.6km az=85.0

IDC 06 18:32:46.2:3.2, 22.19N:143:0E, h40km, 27km, mb3.9/18, mbmp4.1/20, ML3.6/2, MS3.1/12, Error ellipse: s-maj=21.1km s-min=13.9km az=86.0

ISC 06 18:32:45.0:6.2, 22.19N:01.143:0E:0.1, h35km, n93, 0599/80, mb4.4/41, MS3.1/11, Volcano Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JCJ Chichijima, JCJ Chichijima, JCJ Chichijima, etc.

Main table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torod Ar. Bea, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like QALM, ISHM, IFRN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASF, JMDO, WBK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VRI, VRI, SORM, etc.

2016 JUL

6d 18h

6d 19h

Table of station data for 6d 19h, including station names, codes, and various performance metrics like SNR and error rates.

2016 JUL

Table of station data for 2016 JUL, including station names like Schefferville, Burnt Mountain, and Shemya Is, Ala.

Table of station data for IDC 06, including station names like Warramunga Arr and Makanchi Array.

Table of station data for IDC 09, including station names like Mont Dzumac and Stephens Creek.

Table of station data for NEIC 06, including station names like RABL Rabaul and KRVT Keravat.

Table of station data for Bougainville-Solomon Islands region, including station names like RABL Rabaul and KRVT Keravat.

Table of station data for Bougainville-Solomon Islands region, including station names like DZM Mont Dzumac and WRO Warramunga Arr.

314

Table of station data for 314, including station names like Nanjing, Magadan, Lanzhou, and various other international stations.

6d 21h

Table listing astronomical observations for 6d 21h, including station identifiers (KMI, CM31, CMAR, etc.), object names (Chiang Mai Arr, Mount Isa, etc.), coordinates (RA, Dec), and observation parameters (MJD, Az, Alt, etc.).

2016 JUL

Main table of astronomical observations for July 2016, featuring station codes (EIDS, LSA, GTA, etc.), object names (Lhasa, Gaotai, Narrogin, etc.), and various observation data points.

318

Table listing astronomical observations for station 318, including station identifier, object names (BVAR, BRVK, etc.), coordinates, and observation details.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Minto, Yukon-K, Toolik Lake, Nenana, McKinley, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Haines Junction, BZK, M30M, SBA, etc.

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

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, ISC. Includes stations like QSPA South Pole Qui, ADK Adak, SMI San Martin Ant, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, ISC. Includes stations like NAN01 Guarapari, DBBC Dabeiba, GU01 Guaratinga, etc.

SJA 06:22:59.08:6.0,20:43S:69:39W,h98km,3km,ML4.7,MV4.3

IDC 06:22:59.09:0.0,20:41S:69:11W,h95km,4km,mb3.8/9,mbtmp4.2/13,MIS3,1/11,Error ellipse: s-maj=16.2km

VAO 06:22:59.09:4.0,20:47S:69:40W,h94km,mb4.6

NEIC 06:22:59.10:1.2,6.20:46S:0:02:69:35W,4.0:05,h88km,4km,mb4.5/43,MV4.4/23,ML4.6(GUC),Error ellipse: s-maj=7.4km s-min=2.7km az=102.0

NEIC 06:22:59.10:1.20:46S:69:35W,h81km,Moment Tensor Solution. Moment tensor: Scale 10^15Nm, M1=2.08;

M2=0.22; M3=1.87; M4=0.28; M5=3.69; M6=3.37; Fault plane solution: M=5.38000x10^15 NP1=257.14000°;

λ=131.83000°. Principal axes: T=5.6723, P1g19.0000°, Azm123.0000°, N=0.6304, P1g40.000°, Azm16.0000°; P=5.0419, P1g44.000°, Azm233.0000°.

GUC 06:22:59.10:2.0,8.20:43S:69:32W,h94km,3km,ML4.6

ISC 06:22:59.09:4.0,20:45S:0:02:69:36W,0.04,h93km,3km,n217,σ1942/250,mb4.5/23,13C-2D,Northern Chile

Main table with columns: Code, Station Name, Az, El, P, M, Res, Time, ISC. Lists various stations and their coordinates.

Main table with columns: Code, Station Name, Az, El, P, M, Res, Time, ISC. Lists various stations and their coordinates.

Main table with columns: Code, Station Name, Az, El, P, M, Res, Time, ISC. Lists various stations and their coordinates.

IDC 06:23:04:05.1:1.9,21:06S:178:76W,h574km,18km,mb3.2/8,mbtmp4.1/10,Error ellipse: s-maj=32.6km s-min=18.3km

az=143.0

NEIC 06:23:04:05:0.1,3.21:10S:0:09:178:7W,0:2,h568km,9km,mb4.4/22,Error ellipse: s-maj=24.1km s-min=12.7km

az=91.0

ISC 06:23:04:04:0.0:7.21:2S:0:1:178:7W,0:1,h550km,n49,σ1562/50,mb4.2/17,Fiji Islands region

IDC 06:23:04:05.1:1.9,21:06S:178:76W,h574km,18km,mb3.2/8,mbtmp4.1/10,Error ellipse: s-maj=32.6km s-min=18.3km

az=143.0

NEIC 06:23:04:05:0.1,3.21:10S:0:09:178:7W,0:2,h568km,9km,mb4.4/22,Error ellipse: s-maj=24.1km s-min=12.7km

az=91.0

ISC 06:23:04:04:0.0:7.21:2S:0:1:178:7W,0:1,h550km,n49,σ1562/50,mb4.2/17,Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, ISC. Lists various stations and their coordinates.

6d 23h

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, PINNC Pines Island, DZM Mont Dzumac, etc.

IDC 06 23:06:32.61.0.5:47N, 124.96E, h0km, mb3.75, mbtmp3.75, Error ellipse: s-maj=34.4km s-min=13.5km az=101.0

MAN 06 23:06:49.6:80N:126.16E, h15km, Ms3.2 ISC 06 23:06:36.2:1.1, 6:20N:10.09, 126.9E:0.1, h35km, n10, r195/12, mb3.75, 1.1, 6:20N:10.09, 126.9E:0.1, h35km, n10,

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), DAV 84nm, 0.3s, baz=132, slow=1.4, SNR=4.0, etc.

HEL 06 23:27:41.1, 67.84N:20.25E, h0km, ML1.5, Explosion UPP 06 23:27:40.4:0.0, 67.83N:20.22E, h0km, ML2.0, Explosion, Sweden

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

Table with columns: SALU Saitoluokta, SALU Saitoluokta, SALU Saitoluokta, KIF Kilpisjärvi, KIF Kilpisjärvi, etc.

UPP 06 23:27:48.5:0.1, 67.86N:20.12E, h0km, ML1.8, Explosion, Sweden

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

IDC 06 23:37:01.5:2.7, 30.37S:176.54W, h0km, mb3.6/2, mbtmp3.7/3, ML3.3/1, Error ellipse: s-maj=53.2km s-min=32.1km az=98.0, Kermadec Islands region

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

IDC 06 23:52:53.2:8.2, 6:61S:149.07E, h71km, 61km, mb2.8/1, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=127.5km s-min=56.6km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, etc.

SJA 06 23:56:25.6:0.7, 30.37S:176.54W, h73km, 5km, ML3.9, MW4.0

GUC 06 23:56:28.8:0.7, 30.38S:171.38W, h49km, 2km, ML4.3

NEIC 06 23:56:28.5:2.1, 30.37S:176.54W, h03km, 67km, mb4.5/6, ML4.3(GUC), Error ellipse: s-maj=11.1km s-min=5.6km az=86.0

IDC 06 23:56:29.3:2.9, 30.40S:171.27W, h47km, 25km, mb3.9/1, mbtmp3.7/5, ML3.5/4, MS2.8/5, Error ellipse: s-maj=67.9km s-min=28.5km az=104.0

ISC 06 23:56:28.3:0.7, 30.34S:170.03E:0.04, h45km, 6km, n94, r143/18, mb4.3/5, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, CO05 La Serena, etc.

HEL 06 23:27:41.1, 67.84N:20.25E, h0km, ML1.5, Explosion UPP 06 23:27:40.4:0.0, 67.83N:20.22E, h0km, ML2.0, Explosion, Sweden

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

Table with columns: ROCC El Roble, ROCC El Roble, ROCC El Roble, VA01 Zorpederas, VA01 Zorpederas, etc.

RTLL Cerro Villucun, RTLL Cerro Villucun, PEL Peledue, PEL Peledue, etc.

Table with columns: MT05 Curacav, MT05 Rencra, MT05 Rencra, VA05 Santo Domingo, etc.

AC01 Pan de Azucar, AC01 Pan de Azucar, AC01 Pan de Azucar, ACHE Chepes, etc.

GO05 Huala, GO05 Huala, GO05 Huala, RFA San Rafael, etc.

ML02 Panamivaya, BI05 Punta Hualpin, HO3N1 Juan Fernandez, etc.

HO3N2 Juan Fernandez, HO3N3 Juan Fernandez, PB15 IPOC Station P, etc.

LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

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LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

Mn=1.54±.08; Mn=0.66±.07; Mn0.77±.11; Mn=0.17±.06; ...

OMAN 06 23:58:28.5±0.0, 27:59N;56:44E, h17km, mb4.9/19, ...

IDC 06 23:58:30.0±0.1, 27:73N;56:47E, h39km, 16km, mb4.5/32, ...

SGS 06 23:58:31.6±0.2, 27:84N;56:24E, h12km, M14.7, ...

ISC 06 23:58:26.8±0.5, 27:69N;0:02:56.40E;0:02:h19km±1km, ...

49C-33Z, Southern Iran

Code Station Name A° AZ° Phase ID ISC h m e Res ...

IBND Bandar-abas 0.27 153 Op Pn 23 58 32.4 ±0.5 ...

IBND Bandar-abas 0.27 153 Op Pn 23 58 35.9 ±1.2 ...

GENO Geno 0.36 215 Pp Pn 23 58 34.5 ±0.1 ...

GENO Geno 0.36 215 Pp Pn 23 58 34.5 ±0.1 ...

KHNJ Kahrnoo 1.18 77 Pp Pn 23 58 47.6 ±0.8 ...

KHNJ Kahrnoo 1.18 77 Pp Pn 23 58 47.7 ±0.7 ...

SHME Shamsh 1.65 188 Pn Pn 23 58 56.1 ±0.6 ...

SHME Shamsh 1.65 188 Pn Pn 23 58 56.1 ±0.6 ...

SHME Shamsh 1.65 188 Pn Pn 23 58 56.2 ±0.6 ...

SHME Shamsh 1.65 188 Pn Pn 23 58 56.2 ±0.6 ...

SHME Shamsh 1.65 188 Pn Pn 23 58 56.2 ±0.6 ...

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ISAD Sadrabad 4.82 331 Pn Pn 23 59 41.4 ±2.7 ...

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ISAD Sadrabad 4.82 331 Pn Pn 23 59 41.4 ±2.7 ...

ISAD Sadrabad 4.82 331 Pn Pn 23 59 41.4 ±2.7 ...

LHJ2 Lahijan - Gila 10.85 332 Pn Pn 00 01 04.3 ±3.1 ...

LHJ2 Lahijan - Gila 10.85 332 Pn Pn 00 01 04.3 ±3.1 ...

LHJ2 Lahijan - Gila 10.85 332 Pn Pn 00 01 04.3 ±3.1 ...

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LHJ2 Lahijan - Gila 10.85 332 Pn Pn 00 01 04.3 ±3.1 ...

LHJ2 Lahijan - Gila 10.85 332 Pn Pn 00 01 04.3 ±3.1 ...

Table with columns: Code, Station Name, A° AZ°, Phase ID, ISC, h m e Res, and numerical values for various stations.

6d 23h

Table with columns for team names (AAK, CSS, CHMS, etc.), player names (Ala-Archa, Mathiatis, etc.), scores, and match results.

2016 JUL

Table with columns for player names (KURK, ANKY, SVE, etc.), scores, and match results.

Table with columns for player names (KOLS, FRGS, KLIK, etc.), scores, and match results.

6d 23h

2016 JUL

Table with columns: Name, Comp, Az, El, AzEl, P, S, M, L, R, AzEl, P, S, M, L, R. Includes entries like TORO Torodi Ar. Bea, MVO Monaco, PBAR Barrancos, etc.

Table with columns: Name, Comp, Az, El, AzEl, P, S, M, L, R, AzEl, P, S, M, L, R. Includes entries like MJAR Matushiro Arr, MJAR Matushiro Arr, YSS Yuzh-Sakhalins, etc.

Table with columns: Name, Comp, Az, El, AzEl, P, S, M, L, R, AzEl, P, S, M, L, R. Includes entries like I26K Coal Creek Min, K20K Telida, HDA Harding Lake, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like S14K Fog Glacier, H1121 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IMAR Indian Mountain, BMAR Burnt Mountain, H1121 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UCR 07:00:57.02, COPN Copalpete, MONG Monctomb, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 07:00:01:20.6, H1121 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TUL 07:00:44:47.0, OK029 Liberty Lake, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 07:01:05:41.2, I31KZ AKTYUBINSK INF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OTT 07:00:06:09.4, NANL Nain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like QUOK Quay, BLOK Blackwell, FNO Franklin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 07:01:09:59.2, OFUJ Ofunato, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AEIC 07:00:26:07.1, IDC 07:00:26:07.1, NEIC 07:00:26:08.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like X34A Smith Ranch, WMOK Wichita Mounta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H1121 WAKE ISLAND Hy, H1121 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LSSA Little Sitkin, LSNW Little Sitkin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KTHR Kythira, KTHA Kythira Island, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 07:02:29:57.8, WRA Warramunga Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BHK Bhakra, MTBS Maibube, TNS5 Tian-Shan, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like mblmp3.9/15, NNC 07:04:08:28, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TOLSI Tolitoli, SPISI Sipras Palu, BKSI Bulukumba, etc.

IDC 07:04:08:20.6i.4.0, 37.01Nk:71.29E, h64km, 28km, mb3.5/9,

IDC 07:04:16:04.7i.1.0, 1.56S: 128.23E, h0km, mb4.0/5,

IDC 07:04:16:27.1i.3.0, 6.12S: 106.12E, h54km, 2km, mb4.3/26,

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like O17K Koliganek Bris, O18K Katmal Hardscr, MK31 Makanchi Array, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like H21K Melozitna Rive, H21K Melozitna Rive, I21K Tanana, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like TOLK comp=Z,1.10nm,0.8s, TOLK Toolik Lake Re, TOLK Sand Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like ELK Elko, TROLL Troll, SNAEA Snaea, etc.

IDC 07 04:36:07.1z.2.8.29.64S:71.30W, h0km, mb4.1/1, mbmp3.9/2, ML3.3/1, Error ellipse: s-maj=110.0km s-min=72.9km az=90.0

NEIC 07 04:36:14.2z.1.9.27.17S:0.04:71.3W:0.1, h90km, 3km, Error ellipse: s-maj=19.5km s-min=2.4km az=103.0

GPUC 07 04:36:16.0z.0.8.27.28S:71.27W, h35km, 114km, ML3.6

ISC 07 04:36:14.1z.1.6.27.16S:0.03:71.3W:0.1, h14km, 11km, n43, c095/47, 4C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like AC04 Llanos de Chal, AC01 Pan de Azucar, LCO Las Campanas, etc.

ANF 07 04:43:16.4z.0.1.59.83N:152.55W, h83km, 2km, ML3.5/69, ML3.5/68, Error ellipse: s-maj=1.5km s-min=1.1km az=135.0

NEIC 07 04:43:16.4z.0.9.59.85N:0.03:152.60W:0.04, h87km, 4km,

Error ellipse: s-maj=4.5km s-min=2.8km az=182.0

AEIC 07 04:43:17.1z.1.59.86N:0.03:152.61W:0.06, h82km, 5km, ML3.2, ML3.5/136(K), Error ellipse: s-maj=4.4km s-min=3.9km az=206.0

ISC 07 04:43:16.0z.1.2.59.82N:0.03:152.59W:0.03, h91km, 6km, n307, c06/310, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like O20K Slope Mountain, IVE Iliamna Volcan, ILSW Iliamna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like KCG Knife Ck. Glac, KDAK Kodiak Island, KDAK Kodiak Island, etc.

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2016 JUL

7d 4h

Table with columns: TRF, Call Sign, Frequency, Power, Mode, QTH, Name, Elevation, Azimuth, Elevation Error, Azimuth Error, Date/Time. Rows include stations like Thorofore Moun, Kantishna Hill, Tolsona, Glenn, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, QTH, Name, Elevation, Azimuth, Elevation Error, Azimuth Error, Date/Time. Rows include stations like Chitina Glacie, Table Mountain, Chaix Hills, etc.

IPEC 07 04:54:32.7±0.4, 51.49N±16.27E, h1km±2km, ML2.9/5, Error ellipse: s-maj=2.6km s-min=1.2km az=31.0

Table with columns: Code, Station Name, Frequency, Power, Mode, QTH, Name, Elevation, Azimuth, Elevation Error, Azimuth Error, Date/Time. Rows include stations like KSP, Ksiaz, KSP, Ksiaz, etc.

Table with columns: Call Sign, Frequency, Power, Mode, QTH, Name, Elevation, Azimuth, Elevation Error, Azimuth Error, Date/Time. Rows include stations like MORC, Moravsky Berou, MORC, Moravsky Berou, etc.

2016 JUL

7d 6h

Table listing station details for 7d 6h, including station names like DEL, DEL, DEL, DEL, MYKA, etc., with columns for station name, coordinates, and various parameters.

ITC 07 05:00:18.8±1.5, 1.82S; 128.61E, h0km, mb4.2/3, mbtm4.2/5, ML4.0/2, Error ellipse: s-maj=50.6km s-min=22.1km az=64.0

NEIC 07 05:00:26.0±1.8, 2.0S; 0.1±1.28/37E:0.09, h44km, 12km, mb4.0/13, Error ellipse: s-maj=15.8km s-min=1.0km az=210.0

ISC 07 05:00:24.0±0.7, 2.00S; 0.04±128.25E:0.06, h35km, n30, ±189/35, mb4.2/5, Ceram Sea

Main table listing station details for 7d 6h, including station names like Code, Station Name, coordinates, and various parameters.

Table listing station details for 7d 6h, including station names like KOUNC, CTA, CTAO, CTAO, TOO, TOO, TOO, etc., with columns for station name, coordinates, and various parameters.

KRNET 07 05:28:25.1±0.1, 39.47N; 73.73E, mb3.1 SOME 07 05:28:44.7±0.1, 13N; 73.45E, h10km NNC 07 05:28:45.4±0.1, 16N; 73.49E, h32km, 23km, mb3.7, mpv3.2, Error ellipse: s-maj=15.2km s-min=6.6km az=173.0

ISC 07 05:28:39.0±0.2, 40.00N; 0.17±73.48E:0.04, h14km, n28, ±159/39, 13C-4D, Kyrgyzstan

Main table listing station details for 7d 6h, including station names like Code, Station Name, coordinates, and various parameters.

Table listing station details for 7d 6h, including station names like DGS, DGS, DGS, DGS, DGS, etc., with columns for station name, coordinates, and various parameters.

ITC 07 05:37:08.8±2.2, 7.02S; 129.08E, h0km, mb3.1/1, mbtm3.5/3, ML3.7/2, Error ellipse: s-maj=103.1km s-min=33.7km az=67.0, Banda Sea

Table listing station details for 7d 6h, including station names like Code, Station Name, coordinates, and various parameters.

STR 07 05:39:30.4±0.4, 46.1N; 3.1±, h0km, MLv1.7/7, Error ellipse: s-maj=0.0km s-min=0.0km az=39.5, preliminary LDG 07 05:39:30.0±0.0, 45.59N; 3.66E, h7km, M12.4/20, Error ellipse: s-maj=0.7km s-min=0.6km az=55.0, France

Main table listing station details for 7d 6h, including station names like Code, Station Name, coordinates, and various parameters.

IDC 07 06:02:18.5:1.2,34N:73.05E,h0km,mb3.6/4, mbmp3.5/7,ML3.3/3,Error ellipse: s-maj=34.5km s-min=25.2km az=74.0

NNC 07 06:02:29.7:2.6,35.04N:72.23E,h0km,mb3.7,mpv3.7, Error ellipse: s-maj=34.1km s-min=26.1km az=90.0

ISC 07 06:02:21.5:0.9,34.45N:0.09:73.1E:0.1,h21km,n14, s156/17,mb3.5/4,1C-2D,Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMU Jammu, THN Thein Dam, SMLA Simla, etc.

NNC 07 06:13:29.4:4.3,54.28N:86.54E,h0km,mb3.1,mpv2.9, Error ellipse: s-maj=62.2km s-min=28.7km az=168.0

ISC 07 06:13:32.9:2.3,54.10N:86.32E,h0km,mbmp3.2/2, ML2.9/2, Error ellipse: s-maj=18.5km s-min=11.2km az=60.0

ISC 07 06:13:32.4:3.5,41.1N:0.2:86.3E:0.2,h0km,n8,s19/15,10, 3C-4D,Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like I46RU Zalesovo INFRA, ZAAO Zalesovo Array, etc.

TUL 07 06:42:14.5:0.6,36.73N:0.01:98.75W:0.02,h7km,2km, ML2.5,mb_Lg2.1/14(NEIC),Error ellipse: s-maj=2.5km s-min=1.6km az=132.0

NEIC 07 06:42:14.7:0.3,36.74N:0.01:98.73W:0.02,h8km,2km, Error ellipse: s-maj=2.6km s-min=1.7km az=129.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OK035 E210 Rd and N, NOKA Waynoka, etc.

HEL 07 06:44:11.2:0.2,67.62N:33.82E,h0km,ML1.7, Explosion,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LVZ Lovozero, OLKF Oulanka, etc.

Table with columns: SGF, RNF, RNF, KEV, KEV, ARAO, ARAO, ARAO, HEF, HEF, TOF, TOF, KTK1, KTK1, PAJU, PAJU, LANU, LANU, ERTU, ERTU. Includes station names like Rovaniemi, Kevo, ARCESS Array S, etc.

HEL 07 06:45:22.3:0.2,63.16N:27.88E,h0km,ML1.4, Explosion,Finland

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

KRSF 07 06:53:24.1:1.0,55.64N:165.50E,h7km,21km,ML3.9

IDC 07 06:53:28.0:3.2,55.37N:164.56E,h0km,mb3.3/5, mbmp3.3/5,MS2.8/3,Error ellipse: s-maj=121.5km s-min=25.6km az=176.0

ISC 07 06:53:25.5:1.3,55.80N:0.07:165.51E:0.7,h10km,n33, s23/29,mb3.4/5,Komandorsky Islands region

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

H11N2 WAKE ISLAND Hy 36.03 178 T, Error ellipse: s-maj=36.8km s-min=16.8km az=178.0

H11N3 WAKE ISLAND Hy 36.05 178 T, Error ellipse: s-maj=36.8km s-min=16.8km az=178.0

H11N1 WAKE ISLAND Hy 36.05 178 T, Error ellipse: s-maj=36.8km s-min=16.8km az=178.0

SOMN Songo Array 36.37 283 P, Error ellipse: s-maj=36.8km s-min=16.8km az=178.0

KURBB Kurchatov Arra 49.06 303 P, Error ellipse: s-maj=36.8km s-min=16.8km az=178.0

MKAR Makanchi Array 49.80 297 P, Error ellipse: s-maj=36.8km s-min=16.8km az=178.0

PDAR Pined Array 53.48 66 LR, Error ellipse: s-maj=36.8km s-min=16.8km az=178.0

TXAR Lajitas Array 66.72 72 P, Error ellipse: s-maj=36.8km s-min=16.8km az=178.0

IDC 07 06:54:15.2:4.3,0.86S:131.15E,h0km,mb3.8/3, mbmp3.7/4,ML3.6/1,MS3.3/1, Error ellipse: s-maj=326.7km s-min=22.4km az=73.0

DJA 07 06:54:16.7:0.7,1.5:4:13.1E,1,10km,M3.8/6,MLV3.8/6, NEIC 07 06:54:19.3:1.1,0.9S:0.1:131.0E:0.1,h40km,9km, mb3.8/7, Error ellipse: s-maj=23.7km s-min=5.2km az=22.0

ISC 07 06:54:16.1:1.5,0.8S:0.1:131.2E:0.1,h14km,6km,n19, s11/22,0.2,mb3.9/4,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SWI Sorong, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRO Warramunga Arr, AS31 Alice Springs, etc.

KRNET 07 07:02:39.6:0.1,41.53N:78.17E,h17km,mb2.1, NNC 07 07:02:39.9:1.6,41.89N:78.40E,h0km,mb3.3,mpv3.0, Error ellipse: s-maj=10.4km s-min=6.8km az=145.0

ISC 07 07:02:38.5:2.4,41.83N:0.09:78.35E:0.09,h0km,n13, s07/11,9C-1D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TARG Taragay, SATY Saty, etc.

NNC 07 07:13:29.8:1.2,54.57N:86.89E,h0km,mb3.0,mpv2.8, Error ellipse: s-maj=19.9km s-min=7.7km az=159.0

ISC 07 07:13:31.6:2.7,54.47N:86.88E,h0km,mbmp3.1/2, ML2.9/2, Error ellipse: s-maj=22.8km s-min=16.0km az=59.0

ISC 07 07:13:33.0:4.8,54.4N:0.2:86.7E:0.2,h0km,n8,s19/03/11, 4C-5D,Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like I46RU Zalesovo INFRA, ZAAO Zalesovo Array, etc.

NNC 07 07:13:29.8:1.2,54.57N:86.89E,h0km,mb3.0,mpv2.8, Error ellipse: s-maj=19.9km s-min=7.7km az=159.0

ISC 07 07:13:31.6:2.7,54.47N:86.88E,h0km,mbmp3.1/2, ML2.9/2, Error ellipse: s-maj=22.8km s-min=16.0km az=59.0

ISC 07 07:13:33.0:4.8,54.4N:0.2:86.7E:0.2,h0km,n8,s19/03/11, 4C-5D,Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like I46RU Zalesovo INFRA, ZAAO Zalesovo Array, etc.

IDC 07 07:22:01.6:0.8,56.14N:165.19E,h0km,mb3.6/10, mbmp3.6/11,ML2.6/1,MS3.1/7, Error ellipse: s-maj=35.5km s-min=14.9km az=159.0

KRSF 07 07:22:01.2:1.4,55.76N:165.64E,h46km,16km,ML4.4, MOS 07 07:22:05.2:0.7,55.80N:165.33E,h41km,mb4.3/7, Error ellipse: s-maj=9.8km s-min=6.0km az=143.0

NEIC 07 07:22:09.7:2.9,56.17N:0.06:164.3E:0.1,h32km,5km, ML4.3/2, Error ellipse: s-maj=12.9km s-min=8.2km az=60.0

ISC 07 07:22:05.8:0.6,55.85N:0.06:165.37E:0.06,h35km,n145, s17/71,0.2,mb4.2/28,MS3.1/13,Komandorsky Islands region

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

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MYK Mys Kozlova, SRKR Sorokina, BZGR Bezymyanni-Gr, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BBB Bella Bella, RES Resolute Bay, E03A Lebam, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KUR comp=N,83nm,0.3s, KUR comp=N,133nm,0.6s, etc.

IDC 07:35:54.7: 1.9, 1.90N, 127.14E, h0km, mb3.5/4, mbtpm3.6/4, Error ellipse: s-maj=167.0km s-min=21.4km az=67.0, Halmaheera

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

NNC 07:38:58.0: 1.8, 53.73N, 01.88E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=15.5km s-min=9.5km az=53.0, Suspected Mining explosion.

IDC 07:38:59.1: 2.9, 53.73N, 01.88E, h0km, mbtpm3.0/2, ML2.7/2, Error ellipse: s-maj=23.8km s-min=16.5km az=60.0.

ISC 07:38:59.8: 3.7, 53.73N, 01.88E, h0km, n7, o071/11, 5C-30, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

SKHL 07:43:19.2: 0.9, 46:00N, 153:20E, h47km, 3km, mb4.7/5, MOS 07:43:20.7: 1.3, 46:30N, 152:79E, h30km, mb4.3/4, Error ellipse: s-maj=13.3km s-min=8.1km az=59.5

NEIC 07:43:23.1: 0.9, 46:15N, 02:15E, 0.3, h27km, 12km, mb4.1/7, Error ellipse: s-maj=39.1km s-min=4.0km az=137.0

IDC 07:43:28.3: 2.6, 46:30N, 152:73E, h88km, 57km, mb3.5/16, mbtpm3.8/17, ML2.8/1, MS3.4/18, Error ellipse: s-maj=22.2km s-min=15.5km az=152.0

ISC 07:43:23.2: 0.7, 46:16N, 02:15E, h0km, n84, o174/63, mb4.0/24, MS3.5/14, 12, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes KUR Kuril'sk, etc.

SKHL 07:43:19.2: 0.9, 46:00N, 153:20E, h47km, 3km, mb4.7/5, MOS 07:43:20.7: 1.3, 46:30N, 152:79E, h30km, mb4.3/4, Error ellipse: s-maj=13.3km s-min=8.1km az=59.5

NEIC 07:43:23.1: 0.9, 46:15N, 02:15E, 0.3, h27km, 12km, mb4.1/7, Error ellipse: s-maj=39.1km s-min=4.0km az=137.0

IDC 07:43:28.3: 2.6, 46:30N, 152:73E, h88km, 57km, mb3.5/16, mbtpm3.8/17, ML2.8/1, MS3.4/18, Error ellipse: s-maj=22.2km s-min=15.5km az=152.0

ISC 07:43:23.2: 0.7, 46:16N, 02:15E, h0km, n84, o174/63, mb4.0/24, MS3.5/14, 12, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes KUR Kuril'sk, etc.

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

HEL 07 08:16:58.5, 0.3, 67.15N, 20.56E, h0km, ML1.5, Explosion, Sweden. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

KOLA 07 08:18:12.0, 67.67N, 34.23E, h0km, ML2.4. HEL 07 08:18:11.5, 0.2, 67.64N, 34.29E, h0km, ML2.0, Explosion, Baltic States-Belarus-Northwestern Russia. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

GCG 07 08:25:44.5, 0.3, 13.75N, 90.95W, h33km, 2km, MD3.5. SSS 07 08:25:44.0, 1.0, 13.40N, 90.68W, h4km, 21km, ML3.2. SNET 07 08:25:44.0, 1.0, 13.40N, 90.68W, h4km, 21km, ML3.2. ISC 07 08:25:41.4, 2.4, 13.6N, 01.9092W, 0.08, h15km, 11km. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

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

WEL 07 08:34:36.7, 0.5, 34.5, 5.5, 1.2, h33km, M4.5/2, mb5.0/23, ML5.2/49, MLV4.9/42, Mw(mb)4.4/23, Error ellipse: s-maj=0.2km s-min=0.0km az=109.0. IDC 07 08:34:39.0, 1.6, 34.12S, 179.49E, h225km, 17km, mb3.8/4, NEIC 07 08:34:39.7, 1.4, 34.05S, 0.08, 179.4E, 0.1, h212km, 8km, mb4.4/12, Error ellipse: s-maj=14.5km s-min=11.9km az=84.0. NOU 07 08:35:21.4, 37.62S, 178.10E, h177km, mb4.4/6, Off E. Coast of N. Island, N.Z. ISC 07 08:34:37.1, 0.7, 34.04S, 0.06, 179.61E, 0.09, h200km, n122, 2927/136, mb4.4/8, South of Kermadec Islands.

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

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

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

NNC 07 08:36:39.6, 0.8, 50.92N, 73.73E, h0km, mb3.7, mpv3.4, 3C-2D, Error ellipse: s-maj=7.0km s-min=6.3km az=116.0, Suspected Mining explosion., Central Kazakhstan. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 07 08:41:34.5, 3.2, 36.28N, 70.76E, h136km, 28km, mb3.8/13, mbmp4.3/18, Error ellipse: s-maj=23.0km s-min=14.9km az=7.0. BUJ 07 08:41:37.1, 0.0, 36.60N, 70.67E, h173km, mb4.6/18, mb4.8/5. MOS 07 08:41:37.1, 0.9, 36.55N, 70.79E, h173km, mb4.2/9, Error ellipse: s-maj=9.0km s-min=3.7km az=76.2. NEIC 07 08:41:38.2, 4.3, 36.59N, 0.08, 70.7E, 0.1, h171km, 11km, mb4.4/12, Error ellipse: s-maj=13.1km s-min=10.1km az=126.0. NNC 07 08:41:40.0, 1.9, 36.86N, 70.54E, h160km, 22km, mb3.8, mpv4.8, Error ellipse: s-maj=17.3km s-min=9.9km az=162.0. ISC 07 08:41:37.9, 0.4, 36.58N, 0.04, 70.69E, 0.04, h171km, n161, 185/187, mb4.0/25, 16C-5D, Hindu Kush region.

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

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Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Date/Time, Azimuth, Elevation, and other details. Includes stations like ULHL, CHMS, BOOM, USP, TARM, TKM2, SGDS, TARG, ARXS, KHEX, PDGK, NDI, KUDL, GEYT, GYAO, GYA0B, AJIM, OTUK, MAKZ, MK31, MKAR, DANN, WMO, AB31, AB3B, KURB, DMN, KURK, PKIN, GUN, JIRN, BVA0, AKTO, AKTO, WSAAR, ZAA0, ZAA0, ZALV, ZALV, ZALV, ZALV, ARU.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Date/Time, Azimuth, Elevation, and other details. Includes stations like ARTI, ONI, KIV, BELG, RAYN, LZH, PZH, SONM, BRTR, OBN, HHC, AKASG, FIAI, FINES, FINES, ARCES, ARCES, ARCES, NC405, NB2, NOA, TIXI, TIXI, TIXI, BILL, BILL, TORDI, INK, WRA, ASAR, IDC 07 08:56:13.3, IDC 07 08:57:43.0, IDC 07 08:56:13.3, H46RU, ZALV, ZALV, KURB, MKAR, IDC 07 09:07:51.7, IDC 07 09:07:51.7, NOU, NEIC, IDC 07 09:12:00.8, IDC 07 09:11:59.6, MSVF, RAO, NIUE, AFI, MARC, MARC, PINNC, DZM, DZM, DZM, KOUNC, URZ, URZ, URZ, URZ, BFZ, BFZ, QRTZ, LTZ, RPZ, WHZ, WHZ, EIDS, EIDS, ARMA, ARMA, CAN, CTA, CTA, CTA, CTAO, CTAO, TOO, TOO, STKA, STKA.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Date/Time, Azimuth, Elevation, and other details. Includes stations like GTK, LGTI, LGTI, BOK, BOK, SHL, SHL, BHP, AZL, CMAR, AAK, MKAR, KURB, GEYT, ZALV, SONM, FINES, ARCES, NOA, WRA, ASAR, ILAR, H46RU, ZALV, ZALV, KURB, MKAR, IDC 07 09:07:51.7, IDC 07 09:07:51.7, NOU, NEIC, IDC 07 09:12:00.8, IDC 07 09:11:59.6, MSVF, RAO, NIUE, AFI, MARC, MARC, PINNC, DZM, DZM, DZM, KOUNC, URZ, URZ, URZ, URZ, BFZ, BFZ, QRTZ, LTZ, RPZ, WHZ, WHZ, EIDS, EIDS, ARMA, ARMA, CAN, CTA, CTA, CTA, CTAO, CTAO, TOO, TOO, STKA, STKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, BBOO Buckleboob, ASAR Alice Springs, etc.

IDC 07 09:37:32.04.0.7, 46.16N:152.94E, h0km, mb3.8/16, mbtmp3.8/19, ML2.6/2, MS3.1/7, Error ellipse: s-maj=19.4km s-min=16.7km az=155.0

SKHL 07 09:37:35.1e.0.1, 46.10N:153.20E, h46km, mb4.7/4, MOS 07 09:37:35.6e.1.2, 46.15N:153.03E, h36km, mb4.4/1, Error ellipse: s-maj=14.6km s-min=10.2km az=52.4

JMA 07 09:37:35.3e.0.8, 46.16N:153.15E, h30km, MV4.3/14, KURILE ISLANDS REGION

ISC 07 09:37:36.6e.0.7, 46.05N:153.07E, h31km, n57, a=177/56, mb3.9/15, MS3.0/4, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, WARR Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NMR Nemuro-Hokkai, JNK Rausu, etc.

IDC 07 09:40:08.2e.9.5, 45.93N:152.87E, h0km, mbtmp3.1/2, ML2.0/2, Error ellipse: s-maj=24.4km s-min=14.6km az=60.0

NNC 07 09:40:09.2e.3.0, 45.48N:152.87E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=28.3km s-min=16.6km az=49.0, Suspected Mining explosion.

ISC 07 09:40:03.3e.2.1, 52.32N:105.86E, h10km, n7, a=116/10, 3C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZAAO Zalesovo Array, etc.

IDC 07 09:41:19.6e.2.4, 45.95N:152.86E, h0km, mb3.4/3, mbtmp3.4/4, ML2.5/1, Error ellipse: s-maj=74.2km s-min=37.2km az=179.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11N3 WAKE ISLAND Hy, MKAR Makanchi Array, etc.

IDC 07 09:41:36.9e.49.0, 15.65S:173.46W, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=946.0km s-min=180.7km az=78.0, Tonga Islands

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

IDC 07 09:42:56.0e.4.5, 48.16N:154.27E, h66km, mb3.2/6, mbtmp3.5/7, ML3.0/1, Error ellipse: s-maj=43.9km s-min=19.1km az=143.0

ISC 07 09:42:53.7e.1.0, 48.00N:154.33E, h42km, n16, a=115/8, mb3.5/6, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk-, KSRs Korea Array, etc.

KRNET 07 09:49:36.9e.0.1, 39.53N:173.55E, mb3.6, SOME 07 09:49:46.3, 39.95N:173.35E, h0km, NNC 07 09:49:48.2e.0.2, 39.93N:173.44E, h18km, mb3.9, mpv3.5, Error ellipse: s-maj=15.0km s-min=7.2km az=173.0

ISC 07 09:49:42.0e.1.9, 39.77N:173.41E, h11km, n12, n26, a=150/42, 11C-6D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, ARLS Ara, etc.

7d 9h

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like MDOK Medeo, KTBS Karatobe, KUU Kurty, ARXS Arharly.

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Main station list table with columns: WRA, S, S, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like WRA Warramunga Arr, WRO Warramunga Arr, GENI Genyem, etc.

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Continuation of station list table with columns: QIZ, S, S, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like QIZ QIZ, SRIT Nakonsritarama, ARPS Mount Arapiles, etc.

BUJ 07 09:55:51.0, 0.0, 8.00S; 126.80E, h10km, mb5.0/62, mb5.3/45, Ms5.2/37, Ms7.4/9/36
IDC 07 09:55:54.7, 0.5, 7.89S; 126.89E, h24km, 2km, mb4.8/27, mbmp4.9/27, MS4.3/5, Error ellipse: s-maj=18.5km s-min=11.0km az=64.0
GCMT 07 09:55:54.4, 0.2, 7.99S; 0.01x126.74E, 0.02, h17km, MW5.0/95, Moment Tensor Solution, s70.c92, s95.c161; Duration: 0 Moment tensor: Scale 10^19Nm; Mr3.54z.15; Mw3.58z.10; Mwo0.03z.11; Mno.22z.23; Mvo-1.03z.08; Mso-1.07z.36; Best double couple: M3.86400x10^16 NP1.9s1.00000, s47.00000, lambda.114.00000. NP2: s239.00000, s48.00000, lambda.67.00000. Principal axes: T 3.8740, P1g73.0000, Azm255.0000; P -3.8530, P1g1.0000, Azm345.0000. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
MOS 07 09:55:54.5, 0.9, 7.83S; 126.72E, h33km, mb5.5/34 Error ellipse: s-maj=11.5km s-min=6.0km az=119.6
NEIC 07 09:55:54.2, 9.9, 7.87S; 0.06x126.78E, 0.06, h22km, 3km, mb5.3/83, Error ellipse: s-maj=8.6km s-min=8.0km az=201.0
DJA 07 09:55:57.2, 0.3, 8.2S; 12.7E, h38km, mb5.0/54, mb5.2/54, mb5.5/39, MLV5.2/20, Mw(mbE)5.0/39, MwMwp4.8/13, MwMp5.1/13
KLM 07 09:56:00.7, 94.5S; 127.03E, h65km, mb5.2, ISC 07 09:55:55.6, 0.4, 7.93S; 0.03x126.78E, 0.04, h28km, 2km, h24km, P-P 404, r=1374/401, mb5.2/101, MS4.6/19, 15C-4D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like SOEI Soe, SAEI Saeng, AAI Ambon, MMRI Maumere, etc.

Table with columns: WRA, S, S, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like WRA Warramunga Arr, WRO Warramunga Arr, GENI Genyem, etc.

7d 10h

Table with columns: Y2Z, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, and various codes. Includes stations like Socorro, Great Sand Dun, Albuquerque, etc.

IDC 07 10:03:44.7:5.1,53:52N:90:28E,h0km,mbtmp3.1/3, ML2.6/3, Error ellipse: s-maj=54.2km s-min=26.3km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, and various codes. Includes stations like ZALESOV, ZALV, ZALV, etc.

BUII 07 10:09:44.9:0.0,24:42N:126:61E,h21km,mb4.5/5.4, mB4.6/26, Ms4.7/29, Ms7.4/5.28, IDC 07 10:09:44.7:1.7,24:55N:126:46E,h0km,mb4.3/22, mbtmp4.3/26, ML3.7/4, MS4.0/3, Error ellipse: s-maj=39.7km s-min=16.6km az=150.0

ISC 07 10:09:45.6:1.0,24:35N:0:06:126:63E:0:03,h16km,5.5km, m237, e1=52/233, mb4.7/47, MS4.5/6, 4C-3D, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, and various codes. Includes stations like JOGS, JMUJ, JIKM, JIRB, etc.

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Main table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, and various codes. Includes stations like JTK, JMZ, JAMN, etc.

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Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, and various codes. Includes stations like ULN, Ulaanbaatar, SONM, etc.

Table with columns: Station Name, Az, Alt, P, S, W, T, R, L, I, A, M, B, and other parameters. Includes stations like H23K Yukon River, D24K Happy Valley, C24K Franklin Bluff, etc.

Table with columns: Code, Station Name, Az, Alt, P, S, W, T, R, L, I, A, M, B, and other parameters. Includes stations like SUMG Summit, CLL Colim, GERES GERES Array B, etc.

Table with columns: Station Name, Az, Alt, P, S, W, T, R, L, I, A, M, B, and other parameters. Includes stations like BAKI Biak, IGBI Denpasar, SGSI Sangihe, etc.

7d 10h

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Table with columns: TPRI, Tanjung Pinang, 23.86 291, P, P, 10 17 18.8 +1.7, etc. Lists various locations and their associated data points.

Table with columns: JCJ, comp=Z, 493nm, 20.7s, baz=202, slow=32, etc. Lists various locations and their associated data points.

Table with columns: XAN, comp=Z, 400nm, 19.4s, LR, LR, etc. Lists various locations and their associated data points.

Table with columns: Station, Name, Frequency, Mode, Direction, and Time. Includes stations like CN2, MLZ, FOZ, WHZ, QZR, etc.

Table with columns: Station, Name, Frequency, Mode, Direction, and Time. Includes stations like AJM, SMLA, SMLA, ZEA, etc.

Table with columns: Station, Name, Frequency, Mode, Direction, and Time. Includes stations like KBL, KBK, KBK, Karagaybulak, etc.

7d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WSAR, DQM, OTUK, BIDO, BRZS, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SEKA, NAX, GROC, N16K, KMB0, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like G23K, COLD, I23K, WAT1, H23K, VSR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKASG, INK, MILM, ARCES, MNK, HARR, FINES, WRAK, VRI, NEHR, BIZ, BURAR, UZH, HERR, CRVS, MDVR, BOVS, MAUC, MORC, JAVC, DPC, WRAC, VRAC, NB2, NOA, KRUC, YKA, H04D, PRU, I04A, BOJS, CKRC, J04D, CLL, GERES, KHC, I05D, J05D, VJVS, VAE, NEW, DAVOX, VES, NVAR, NVAR, NVAR, ARVC, ISA, CWC, SC12, EDW2, LRMC, GRAC, MPMC, BFSC, MSO, FURC, MURC, GSC, BBRC, 109C, HLID.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TPNV, R11A, HEC, PFO, PFO, TPFO, MONP, KEST, BELC, IKP, GMRC, BC3, BOZ, IRM, EGMT, GLA, DUG, PDMCI, EKA, H17A, TPWA, RLMT, PDAR, PDAR, PDAR, 214A, WUAZ, LAO, LAO, DGMT, TUC, TUC, TUC, TUC, O20A, W18A, K22A, K22A, MVCO, N23A, RSSD, RSSD, RSSD, RSSD, S22A, SLBS, ISCO, ISCO, 121A, MDNB, Q24A, Y22A, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ULM, T25A, OGNE, TOR, TOR, TOR, ESCD, ESCD, ESCD, AGMN, AGMN, F33A, B35A, MSTX, MSTX, ECSD, ECSD, TX31, TXAR, TXAR, TXAR, BGNE, AMTX, CBKS, EYMN, EYMN, MDT, F36A, PLCA, PLCA, PLCA.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PLCA, R32A, SPMM, SPMM, I37A, KSU1, KSU1, ABTX, COWI, JCT, JCT, DBIC, SCHO, SCHO, 833A, TUL1, L40A, JFWS, JFWS, I42A, 435B, U38A, P40A, S39A, L42A, R40A, HDIL, CCM, CCM, CCM, CCM, MIAR, MIAR, J47A, J47A, SFIN, OLIL, L48A, L48A, O48B, OXF, P49A, WWT, WWT, WWT, ACCSO, ACCSO, ERPA, M53A, LONY, P52A, O53A, LRAL, PKME, LBNH, BINY, SSPA, BLA, HRV, GOGA, PAL, TIGA, BIRD, CNNC, NHSC, Y60A, CPUP, CPUP, DWPF, DWPF, JTS, JTS, NNA, NNA, MAPC, LPAZ, LPAZ, CACAO, OTAV, OTAV, TULM, GCUF, BBAC, CRUC, BDFB, POPC, YOTC, FLOC, GARC, ANIL, ORTC, HELC, GUYZ, JUREC, ZARC, MACC, PTBC, SPBC, RUSC, SAMIL.

IDC 07 10:31:06.7±1.8,6.74N:123.71E,h625km±22km,mb3.2/7, mbtmp4.3/7,Error ellipse: s-maj=64.3km s-min=9.8km az=64.0

ISC 07 10:31:04.4±1.0,6.8N±0.2:123.9E±0.4,h600km,n7, e2501/11,mb3.9/7,Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC. Rows include CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONMI Songoing Arr, MKAR Makanchi Array, KURBB Kurchatov Arra.

SOME 07 10:48:12.5,39.37N:73.73E,h10km NNC 07 10:48:13.6±2.3,39.38N:73.85E,h0km,mb4.1,mpv3.7, Error ellipse: s-maj=16.7km s-min=8.4km az=172.0

KRNET 07 10:48:13.4±0.1,39.42N:73.57E,mb3.7, ISC 07 10:48:13.7±1.5,39.41N±0.07:73.69E±0.04,h10km,n21, e2516/35,146C-6D,Tajikistan-Xinjiang border region

Main station list table for the first section, including OHH Osh, BTM Batken, ARLS Aral, GAR Garm, TRKS Terek-Say, UCH Uchtor, MRKS Merke, CHMS Chumysh, TKM2 Tokmak 2, IUG luzhnay, MTBS Matube, MTBS Matube, MTBS Matube, TNS5 Tian-Shan, KK31 Karatay Array, MDOK Medeo, MDOK Medeo, MDOK Medeo, KUU Kurty, KUU Kurty, KUU Kurty.

IDC 07 10:48:34.7±0.8,1.06N:79.49W,h0km,mb3.9/9, mbtmp4.0/11,ML4.1/2,MS3.3/3,Error ellipse: s-maj=38.6km s-min=15.2km az=67.0

IGQ 07 10:48:37.0±3.0,1°N±4.7°W,h10km NEIC 07 10:48:40.7±3.0,0.91N±0.05:79.50W±0.09,h35km±2km, mb4.0/8,Error ellipse: s-maj=15.2km s-min=8.1km az=100.0

ISC 07 10:48:37.1±0.6,0.90N±0.03:79.50W±0.05,h20km,n121, e1590/108,mb3.9/11,Near coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC. Rows include MAG1 Magdalena, ALIT Equador-imbabu, LITE1 Lita, TUMC Tumacco, OTAV Otavalo, OTAV Otavalo.

Main station list table for the second section, including CUSE Cuicocha Este, CUIC Cuicocha-Domo, PINO Pino, TERV Terraza Guagua, HPAL Hacienda Las P, GGCG Guagua Pichin, LINGL El Angel-Carch, YAHU Yahuarcocha, ECEN Cerro Negro, CHL1 Volcan Chiles, CHL2 Volcan Chiles, ANGU Anguarel, CAYA Cayambe, TULM Tulcan-Chalpat, TULM Tulcan-Chalpat, CAYR Refugio Cayamb, TOMA Boca Toma-Voic, ILLI Illinizas Sur, ATUL Tulcan, PAST Pastocalle, SUCR Mariscal Sucre, CAM2 Nasa, CAM1 Rancho Maria, BNAS Cotopaxi Volca, ANTG Antisana-Guama, VC1 Cotopaxi 1, BREF Cotopaxi Volca, SRAN San Rafael, BVC2 Cotopaxi Volca, ANTI Antisana, SLOL San Lorenzo-1, SLOM San Lorenzo-2, BTAM Cotopaxi Volca, ANTM Antisana-La Mii, ANTS Antisana-Sarah, BMOR Cotopaxi Volca, TAMB Tambo, VCES Cotopaxi, BONI La Bonita, CONE Cono NE Rev Vo, CCUFU Cufio, Nario, GCUF Volcan Galeras, CPAS1 Pasto, PORT Chimborazo Vol, CHSR Refugio Sur-Vol, CHSR Refugio Sur-Vol, GRIC Gorgona, Isla, BBAC Balboa, Cauca, BBAC Balboa, Cauca, IGUA Iguialata, JUIJ Juitupa, TAMH Tambobuasha Ch, POND Pondoza, BRUN Tungurahua Vol, RETU Refugio, ARRY Arrayan, BRUN Tungurahua Vol, CRUC La Cruz, ISPT Isla de la Plaza, PPLP Puerto Lpez, SOTA Riobanab, POCB Popayan, Colom, PONC Ponce, MALC Bahia Malaga, FLOC Florencia, MARP Paez Belalcaza, BOSC San Juan Bosco, ANIL Anillo, YOTC Yotoco, Valle, ARNL Arenillas, PLMC San Jos del P, ORTC Ortega, Tolima, PRAC Prado, HUIA Huila, MACC Macarena, Meta, GUY2C Guyana, Caidas, NORC Norcasia, CHIC Chingaza, OBCB Obispo, SPBC San Pablo de B, PTBC PUERTO BERRIO, ZARC Zaragoza, Cauc, ZARC Zaragoza, Cauc, ATAH Atahualpa, ANTO Antioquia, ATAH Atahualpa, ATAH Atahualpa, ATAH Atahualpa, CDSB Cruzeiro do Su, ZVSV Santo Domingo, NNA Nana, ETMB Extrema, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, TXAR Lajitas Array, ANMO Albuquerque, ANMO Albuquerque, PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, SDCO Great Sand Dun, WUAJ Wupatki, PV13 Radium Mtn., PDAR Piedra Array, ULM Lac du Bonnet, NVAR Mina Array Bea, BOZ Bozeman (W), BOZ Bozeman (E), ESDC Sonseca Array, ILAR Eielson Array, TORD Torodi Ar, TORD Torodi Ar, TSUM Tsumbe, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr.

KRSC 07 11:17:03.8±2.2,48.71N:157.03E,h6km±62km,ML3.6, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC. Rows include PAU Pauzhetka, KDTR Khotutka, ASAK Asacha, RUS Ruschka, MTRV Mutnovka, MTRV Mutnovka, UGLR Uglovaya, KOK Koryaka, SPN Mys Shipunski, GNL Ganaly.

IDC 07 11:18:31.5±2.0,33.04N:131.11E,h0km,mb3.2/1, mbtmp3.3/3,ML2.8/2,MS2.5/1,Error ellipse: s-maj=33.9km s-min=9.5km az=14.0

NIED 07 11:18:31.6,33.05N:131.11E,h11km,MW3.7,Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mm-1.03; Mm3.33; Mm2-2.30; Mm1-1.30; Mm2.70; Mm0.88;

Fault plane solution: Mw:2.7000x10^14 NP1: e205.20000°,s86.00000°,λ-169.00000°. NP2: e110.00000°,s80.00000°,λ-124.00000°

JMA 07 11:18:31.6±0.0,33.1N±0.1:131.1E±0.1,h1km,MV3.8/20, NE KUMAMOTO PREF

JMA Felt J11 at NE KUMAMOTO PREF, ISC 07 11:18:32.6±1.0,33.09N±0.05:131.09E±0.04,h12km,n8, e2508/12,5D,Kyushu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC. Rows include JNU Naksutsu, JNU Naksutsu, JNU Naksutsu, JTA Tamana, JUS Usuki, JUS Usuki, JIU3 Iuzumi3, KRSR Korea Array, KRSR Korea Array, MJAR Matsushiro Arr, MJAR Matsushiro Arr, SONMI Songoing Array.

IDC 07 11:22:46.3±5.8,5.94S:148.12E,h161km±49km,mb3.8/1, mbtmp4.1/3,Error ellipse: s-maj=104.3km s-min=5.1km az=118.0

ISC 07 11:22:41.6±3.9,5.94S±0.2:147.6E±0.4,h100km,n13, e1597/13,Eastern New Guinea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC. Rows include PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, WRAB Warramunga Arr, KNRA Kununurra, ASAR Alice Springs, OOD Oodnadatta, WKA Warakurua, MLLC Malinging, TORD Torodi Ar, TORD Torodi Ar.

IDC 07 11:53:29.9±1.0,27.78N:85.57E,h0km,mb4.0/9, mbtmp4.0/10,ML4.3/1,Error ellipse: s-maj=36.6km s-min=18.2km az=60.0

ISC 07 11:53:27.0±0.8,27.78N±0.1:85.56E±0.2,h18km,n12, e045/12,mb4.1/9,Nepal

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC. Rows include HYBB Hyderabad (bro), GTA Gaotai, GTA Gaotai, GTA Gaotai, MKAR Makanchi Array, KURBB Kurchatov Arra, SONMI Songoing Array, ZALV Zalesovo Beam, FINES FINESS Array B, ARCES ARCES Array B, KEST Keasa, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 07 11:59:35.6±2.1,24.17S:66.94W,h172km±17km,mb3.1/2, mbtmp3.8/7,Error ellipse: s-maj=30.8km s-min=19.9km az=2.0

GUC 07 11:59:37.5±0.6,23.98S:67.37W,h217km±58km,ML4.3, ISC 07 11:59:35.6±0.9,24.12S±0.08:67.11W±0.08,h18km±9km, n19,e140/30,4C,Chile-Argentina border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC. Rows include AF01 San Pedro de A, AF01 San Pedro de A, LVC Limon Verde, LVC Limon Verde, PB15 IPOC Station P, PB15 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Maricunga, IPOC Station P, and Villa Florida.

IDC 07 12:23:54.1-5.4, 6.29S, 149.79E, h73km, 48km, mb3.2/3, mbtmp3.6/4, ML2.1/1, MS2.8/1, Error ellipse: s-maj=112.2km s-min=30.6km az=120.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Port Moresby, Honiara, and Warramunga Arr.

KRNET 07 12:43:38.1±0.1, 39.50N, 173.66E, mb3.1 SOME 07 12:43:39.6, 39.58N, 173.53E, h5km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Osh, Garm, Aral, Uchtor, and MRKS.

IDC 07 12:55:21.9±2.3, 32.77N, 115.67W, h0km, mbtmp3.0/4, ML3.4/3, Error ellipse: s-maj=37.4km s-min=8.8km az=36.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WEMD, DREC, and SWSC.

NEIC 07 12:55:25.1±2.9, 32.94N, 102.115.55W, h0.03, h16km, 5km, Error ellipse: s-maj=5.4km s-min=3.8km az=178.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WEMD, DREC, and SWSC.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like In-Ko-Pah, La Rumorosa, and Satillo.

IDC 07 13:00:18.6±0.9, 36.73N, 102.9875W, 0.01, h7km, 2km, m3.3/2, mb, Lg2.2/8(NEIC), Error ellipse: s-maj=2.7km s-min=1.4km az=156.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Yuma Desert, Tecate, and Palm Desert.

NEIC 07 13:00:18.9±0.5, 36.74N, 102.9873W, 0.02, h7km, 2km, Error ellipse: s-maj=2.8km s-min=2.1km az=182.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Belle Mtn, San Diego Road, Blythe, and Camp Elliot.

IDC 07 13:00:25.8±0.9, 26.95N, 140.26E, h437km, 10km, mb3.4/2, mbtmp4.2/4, Error ellipse: s-maj=13.7km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Parker Dam, Granite Mounta, and San Felipe.

JMA 07 13:00:26.1±0.1, 27.1N, 140.10E, h435km, MV4.1/25, W OFF OGASAWARA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Chichi jima, Chichijima, and Haha-jima.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WUPATKI, WUPATKI, and Grapevine Rang.

IDC 07 13:00:26.1±0.1, 27.1N, 140.10E, h435km, MV4.1/25, W OFF OGASAWARA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like West end E0370, Salt Plains W, and Anthony SW Sta.

IDC 07 13:00:26.1±0.1, 27.1N, 140.10E, h435km, MV4.1/25, W OFF OGASAWARA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like West end E0370, Salt Plains W, and Anthony SW Sta.

IDC 07 13:00:26.1±0.1, 27.1N, 140.10E, h435km, MV4.1/25, W OFF OGASAWARA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like West end E0370, Salt Plains W, and Anthony SW Sta.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ULHL, TARG, BOOM, TNS5, etc.

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

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

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

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

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

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

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

7d 16h

Table with columns: IDI, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mount Meron Ar, Elat, Keskin Array B, etc.

ISC 07 16:27:44.2.0.6, 42.33N:76.01E, h0km, mb3.8, mpv3.9, Error ellipse: s-maj=4.2km s-min=2.0km az=4.0

SOME 07 16:27:44.3, 42.27N:76.00E, h15km

ISC 07 16:27:44.2.0.9, 42.28N:76.01E, h13km, 6km, n62, e171/110, 33C-19D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Alka-Archa, etc.

NEIC 07 16:00:28.7.2.7, 16.02N:0.07E, h24km, 9km, mb4.2/7, Md4.3/98(MEX), Error ellipse: s-maj=10.5km s-min=5.6km az=183.0

MEX 07 16:00:30.6.1.4, 16.01N:95.81W, h27km, 26km, MD4.3

ISC 07 16:00:28.2.1.1, 16.02N:0.05E, 95.77W:0.03, h24km, 10km, n42, e128/59, Oaxaca

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

KRNET 07 16:27:43.8.0.1, 42.26N:76.00E, h19km, mb3.1

KNET 07 16:27:44.1.0.6, 42.33N:75.94E, h0km, ml2.6, Error ellipse: s-maj=0.1km s-min=3.1km az=27.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ULHL, BOOM, TKM2, etc.

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

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

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

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

ICD 07 18:57:03.7.1.6.29.25S:61.12E, h0km, mb3.8/6, mbtmp3.8/7, ML3.7/1, MS3.5/6, Error ellipse: s-maj=59.8km s-min=27.4km az=29.0

NEIC 07 18:57:05.4.0.6.29.06S:0.10x61.0E:0.1, h10km, 1km, mb4.2/2, Error ellipse: s-maj=21.2km s-min=9.1km

ISC 07 18:57:05.4.0.9.29.05S:0.2x61.1E:0.1, h10km, n29, s1501/18, mb4.0/7, MS3.2/6, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Riviere de l'E, Rodrigues Isla, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Jabal al Asfar, Warramunga Arr, etc.

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

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

ICD 07 19:09:34.5.2.4, 2.97N:128.43E, h0km, mb3.3/3, mbtmp3.8/6, ML3.7/1, Error ellipse: s-maj=173.9km s-min=25.9km az=69.0, Halmahera

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

ICD 07 19:50:17.4.1.8, 16.52S:167.43E, h0km, mb3.7/5, mbtmp3.8/6, ML3.7/1, Error ellipse: s-maj=45.7km s-min=28.4km az=111.0

NOU 07 19:50:19.0, 16.44S:167.39E, h0km, MLV4.4/7, Vanuatu Islands

ISC 07 19:50:20.8.1.0, 16.55S:0.1x167.4E:0.1, h20km, n15, s0592/16, mb3.7/4, Vanuatu Islands

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

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

MDD 07 19:55:41.0.0.9, 35.49N:0.009E, h2km, 9km, Mb3.6/14, M, mb2.8/15, Error ellipse: s-maj=11.0km s-min=4.5km az=164.0

CNRM 07 19:55:43.9, 36:02N:0.41W, h173km, ml2.7, ISC 07 19:55:42.7.2.4, 35.68N:0.05E:0.01E:0.06, h10km, n17km, n23, s139/42, 14C, Northern Algeria

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Red Top Meadow, Teton Pass, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Auburn Hatcher, White River Ci, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Bozeman (W), Bozeman (E), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like O'Neill, Hardware Ranch, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Blue Mesa, Par, Paradox Valley, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Great Sand Dun, David Mesa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EROS Data Cent, Radium Mtn., etc.

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

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

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

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

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

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

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

TUL 07 20:39:03.6.1.0, 35.08N:0.01x97.60W:0.02, h3km, 5km, s=1.7km, Lg3.061(NEIC), Error ellipse: s-maj=2.2km s-min=1.7km az=134.0

NEIC 07 20:39:04.0.0.9, 35.060N:0.009x97.59W:0.02, h7km, 5km, Error ellipse: s-maj=2.3km s-min=0.9km az=65.0, Oklahoma

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OKCSW, OKCFA, X34A, etc.

MDD 07 21:19:54.0, 2.0, 5, 35, 49N, 3, 85W, h0km, mb_Lg2,4/14, Error ellipse: s-maj=4.7km s-min=2.5km az=0.0

INMG 07 21:19:55.5, 1.9, 35, 53N, 3, 86W, h5km, ML2.1, Error ellipse: s-maj=5.1km s-min=4.2km az=125.0

IGIL 07 21:19:56.7, 35, 43N, 3, 84W, h31km, ML1.8 CNRM 07 21:19:56.7, 35, 43N, 3, 97W, h31km, ML2.5

ISC 07 21:19:53.5, 1.0, 35, 50N, 0.02, 3, 82W, 0.02, h17km, 8km, n45, f168/82, Strait of Gibraltar

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

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

KRNET 07 21:40:51.2, 0.1, 39, 50N, 73, 78E, mb3.8 IDC 07 21:40:54.2, 2.6, 39, 55N, 73, 05E, h0km, mb3.7/4,

SOME 07 21:41:00.0, 39, 78N, 73, 43E, h5km ISC 07 21:40:55.3, 1.6, 39, 64N, 0.06, 73, 46E, 0.03, h4km, 10km, n42, f188/62, mb3.7/4, 19C-1D, Tajikistan-Xinjiang border region

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

IDC 07 21:09:10.2, 1.3, 33, 16N, 142, 08E, h0km, mb3.5/5, mbmp3, 6.7, ML3.3/2, MS2.4/1, Error ellipse: s-maj=32.4km

JMA 07 21:09:13.6, 0.3, 33, 3N, 0.7, 14, 2E, h64km, MV3.2/24, FAR E OFF IZU ISLANDS

ISC 07 21:09:14.7, 1.0, 33, 18N, 0.05, 142, 06E, 0.08, h0km, n18, f197/23, mb3.4/5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BSO1, BSO1, JHJ2, etc.

comp=N, 1.7nm, 0.4s MESJ Messejana 4.24 305 ePn Pn 21 20 59.8 +2.6

comp=N, 2.2nm, 0.5s MORF Marnelete 4.30 296 eSn A Sn 21 21 47.9 +0.1

comp=N, 2.2nm, 0.8s PTEO Sao Teotonio 4.45 299 eSn A Sn 21 21 51.5 0.0

comp=N, 4.3nm, 0.8s EVO Evora 4.52 313 ePn Pn 21 21 05.8 +4.7

comp=N, 2.9nm, 0.4s PNCL Nicolau / Gran 4.59 306 ePn Pn 21 21 04.1 +2.0

comp=N, 1.7nm, 0.6s PMRV Marv??o 4.84 325 ePn Pn 21 21 09.8 +4.2

RSPR 07 21:38:28.6, 17, 83N, 68, 65W, h82km, 9km, MD3.4/8 NEIC 07 21:38:28.7, 0.6, 17, 9N, 0.2, 68, 64W, 0.05, h75km, 36km,

OSPL 07 21:38:32.4, 0.3, 17, 97N, 69, 59W, h31km, 8km, ML2.2 ISC 07 21:38:55.1, 1.4, 18, 1N, 0.1, 68, 62W, 0.04, h95km, n29, f069/33, 9C, Mona Passage

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DR12, DR12, IDE, etc.

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93f eP Pn 21 38 54.8 +0.2

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

comp=N, 2.8nm, 2.3s MLPR Magueyes Islan 1.50 93 Pn 21 38 54.2 -0.3

SFS 07 21:19:54.0, 35, 43N, 3, 83W, ML2.5, ALBORAN SUR

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUUI, CHKK, KURS, etc.

AEIC 07 21:47:59:1.5,55:16N:0:07:158:44W:0:07:h11km,7km, Error ellipse: s-maj=10.2km s-min=5.0km az=156.0

NEIC 07 21:48:00:1.7,7:55:17N:0:05:183:47W:0:08, h3.9km, 11km, ML3, 21.8, ML3, 1.41(AEIC), Error ellipse: s-maj=8.6km s-min=6.0km az=143.0

ISC 07 21:47:58:2.3,55:13N:0:08:158:39W:0:05, h2km, 21km, n79, e077:85, Alaska Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like CHNA, CNBA, VNSO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like M19K, L19K, M20K, etc.

IDC 07 21:53:58:9.0,9,30:64S:71:50W,h0km,mb4.5/5, mbmp4,210,ML3,8.5,MS2,8/3, Error ellipse: s-maj=29.5km s-min=20.8km az=105.0

VAO 07 21:54:04.2,0.6,30:57S:71:74W,h37km,mb4.4, NEIC 07 21:54:05:9,30:57S:71:58W,h49km, Moment Tensor

ISC 07 21:54:05:1.6,30:55S:0:02:71:58W,0:04,h43km,6km, n159, e1860:206,mb4.3/3, 2C-7D, Near coast of central Chile

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like CO06, CO05, G004, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like PEL, MT02, RTLL, etc.

7d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like VILB Vilhena, SALV Santo Antonio, etc.

OMAN 07 22:02:51.8, 0.1, 25.54N, 62.87E, h62km, mb4.0/13, m3.9/5, Error ellipse: s-maj=2.8km s-min=2.4km az=293.0

DSN 07 22:02:53.9, 1.9, 25.43N, 62.47E, h10km, ML3.4/9, Error ellipse: s-maj=50.7km s-min=17.6km az=176.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like NGCH Negor - Chabah, WSAR Wadi Sarin, etc.

IDC 07 22:17:20.9, 0.7, 3.78S, 141.42E, h0km, mb4.0/9, mbmp4.1/11, ML4.6/1, MS3.3/4, Error ellipse: s-maj=2.7km s-min=1.7km az=73.0

NEIC 07 22:17:31.4, 1.1, 4.1S, 7.14E, h1.071km, 7km, M4.9/14, mb4.8/14, mb5.3/3, MLV4.9/4, Mw(m)4.8/3

ISC 07 22:17:30.8, 0.5, 4.29S, 0.06, 141.74E, h0.07, h50km, n80, c189/75, mb4.5/26, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like GENI Genyem, SMPI Sarmi, etc.

Table with columns: SRPI, Serui, Papua, 5.99 293, P, Pn, 22 18 58.8 +1.8. Includes stations like MANU Manus Island, PMG Port Moresby, etc.

ASAR 07 22:02:51.8, 0.1, 25.54N, 62.87E, h62km, mb4.0/13, m3.9/5, Error ellipse: s-maj=2.8km s-min=2.4km az=293.0

DSN 07 22:02:53.9, 1.9, 25.43N, 62.47E, h10km, ML3.4/9, Error ellipse: s-maj=50.7km s-min=17.6km az=176.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like BKSI Bulukumba, BNSI Bone, etc.

IDC 07 22:42:45.9, 2.6, 55.12N, 0.05, 158.53W, h0.08, h2km, 12km, ML2.9/12, ML2.6(AE/C), Error ellipse: s-maj=9.3km s-min=2.3km az=138.0

AEIC 07 22:42:46.2, 6.5, 55.21N, 0.04, 158.57W, h0.09, h21km, 7km, Error ellipse: s-maj=8.3km s-min=4.5km az=125.0, Alaska Peninsula

NEIC 07 22:42:48.5, 8.0, 1.39, 45N, 73.68E, mb3.9 SOME 07 22:48:59.4, 39.42N, 73.70E, h15km, NNC 07 22:49:02.6, 1.0, 39.53N, 73.67E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=7.3km s-min=4.5km az=175.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like CNBA Chernabura Isl, VNSG Veniaminof 6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like KRVT Keravat, KRVT 530nm, etc.

IDC 07 22:42:48.5, 8.0, 1.39, 45N, 73.68E, mb3.9 SOME 07 22:48:59.4, 39.42N, 73.70E, h15km, NNC 07 22:49:02.6, 1.0, 39.53N, 73.67E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=7.3km s-min=4.5km az=175.0

ISC 07 22:48:57.1, 3.3, 39.36N, 0.06, 158.73E, h0.03, h10km, n41, c250/68, 17C-SD, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like CNBA Chernabura Isl, VNSG Veniaminof 6, etc.

NEIC 07 22:48:58.0, 1.0, 39.45N, 73.68E, mb3.9 SOME 07 22:48:59.4, 39.42N, 73.70E, h15km, NNC 07 22:49:02.6, 1.0, 39.53N, 73.67E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=7.3km s-min=4.5km az=175.0

ISC 07 22:48:57.1, 3.3, 39.36N, 0.06, 158.73E, h0.03, h10km, n41, c250/68, 17C-SD, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like OHH Osh, BTK Batken, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, Res, ISC. Includes stations like ARLS Aral, ARLS baz-11, etc.

7d 23h

Table with columns: Station Name, Azimuth, Distance, Station Type, and Time. Includes stations like UALR University of Arkansas, WHAR Woolly Hollow, Z41A Richard Creek, etc.

NOU 07 23:13:14.2, 0.90S, 172.81E, h218km, MLV4.3/8, Off W. Coast of S. Island, N.Z.
WEL 07 23:13:18.1, 0.91S, 171.66E, h182km, gkm, M3.0/14, MLV3.0/14, Error ellipse: s-maj=0.0km s-min=0.0km az=168.3

ISC 07 23:13:13.9, 1.7, 40.95S, 0.05, 172.85E, 0.06, h213km, gkm, 179, +122/93, Off west coast of South Island

Main station list table with columns: Code, Station Name, Azimuth, Distance, Station Type, and Time. Lists numerous stations like TKNZ Takaka Hill, QZQ Quartz Range, etc.

REN 07 23:14:40.6, 1.3, 38.65N, 0.03, 118.80W, 0.03, h86km, gkm, Mw3.9, ML4.0/58(NEIC), Mw3.8/77(NEIC), Error ellipse: s-maj=5.0km s-min=1.8km az=216.0
NEIC 07 23:14:40.3, 1.4, 38.65N, 0.02, 118.80W, 0.02, h2km, gkm, Error ellipse: s-maj=3.3km s-min=1.8km az=210.0
NEIC 07 23:14:40.6, 38.65N, 118.80W, h5km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=0.88; Mw=4.00; Mw4.88; Mw=1.81; Mw5.31; Mw=0.84; Fault plane solution: M7.250000*10^14 NP1=0.690000*0.88380000, lambda=16.330000, NP2=0.160000*0.87368000, lambda=178.320000, Principal axes: T: 7.6453, P: 10.0000, Az=116.0000, N: 0.8737, Pg=74.0000, Azm=244.0000; P=6.717, Pg=13.0000, Azm=24.0000
NEIC 07 23:14:41.38, 66N, 118.80W, h6km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=2.24;

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Mw=3.57; Mw5.81; Mw=3.74; Mw4.89; Mw=0.03; Fault plane solution: M7.980000*10^14 NP1=0.630000*0.57400000, lambda=30.0000, NP2=0.1620000*0.86100000, lambda=162.00000, Principal axes: T: 8.1303, P: 9.0000, Az=115.0000, N: -0.3124, Pg=56.0000, Azm=219.0000; P=7.8179, Pg=32.0000, Azm=20.0000;
IDC 07 23:14:41.3, 0.7, 38.75N, 118.73W, h0km, mb3.4/4, mbmp3.5/9, ML3.6/5, MS2.9/10 Error ellipse: s-maj=9.9km s-min=4.8km az=55.0
ANF 07 23:14:41.0, 0.2, 38.61N, 118.65W, h0km, ML4.1/23, Error ellipse: s-maj=2.7km s-min=1.7km az=67.0
ISC 07 23:14:41.2, 0.6, 38.56N, 118.70W, 0.02, h10km, n101, r158/114, mb3.5/5, MS3.0/4, California-Nevada border region

Main station list table with columns: Code, Station Name, Azimuth, Distance, Station Type, and Time. Lists numerous stations like RYN Ryan, NVAR Mina Array Bea, etc.

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Main station list table with columns: Station Name, Azimuth, Distance, Station Type, and Time. Lists numerous stations like SMCC Simmer, SPR3 Spring Creek 3, ARVC Arvin, etc.

FUNV 07 23:24:58.9, 10.70N, 70.43W, h8km, MW3.6
ISC 07 23:24:57.8, 1.2, 10.69N, 0.03, 70.43W, 0.03, h19km, gkm, n42, +195/59, SDZ, Venezuela

Main station list table with columns: Code, Station Name, Azimuth, Distance, Station Type, and Time. Lists numerous stations like DABV Dabajuro, DABV Dabajuro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Puerto La Cruz, PUERTO BERRIO, Puerto Ayacucho, San Pablo de B, Norca, Santa Helena, etc.

IDC 07 23:29:52.0, 6.2, 29.10S, 61.32E, h0km, mb4.2/16, mbmp4.2/17, ML4.71, MS3.5/30, Error ellipse: s-maj=21.9km s-min=17.1km az=62.0

NEIC 07 23:29:53.7, 2.2, 28.96S, 0.09, 61.2E, 0.1, h10km, 1km, mb4.7/15, Error ellipse: s-maj=22.1km s-min=12.9km az=240.0

ISC 07 23:29:54.2, 0.5, 29.03S, 0.09, 61.2E, 0.1, h10km, n76, a=1548/49, mb4.4/29, MS3.6/29, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Riviere de l'E, Nahampoana Res, Vohitsoka, Ambohimanpon, etc.

IDC 07 23:38:05.3, 6.7, 37.85N, 75.60E, h91km, 30km, mb3.4/10, mbmp3.7/15, Error ellipse: s-maj=26.6km s-min=17.3km az=3.0

NIC 07 23:38:06.7, 1.0, 38.20N, 75.39E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=12.0km s-min=37.6km az=15.0

ISC 07 23:38:05.9, 0.6, 37.94N, 0.05, 75.71E, 0.07, h100km, n40, a=2515/45, mb3.5/10, 1C-2Z, Tajikistan-Xinjiang border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kashi, Uchtor, Almayashu, Karagaybulak, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Muntele Ros, Belogorovoye, Bolvorgoye, Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Alice Springs, NEIC 07 23:38:13.4, 2.5, 40.54N, 0.04, 112.14W, etc.

REN 07 23:40:45.8, 1.3, 38.65N, 0.01, 118.77W, h0km, 6km, Mw4.2, mb4.028(NEIC), ML4.4/60(NEIC), Mw4.2/108(NEIC), Error ellipse: s-maj=3.0km s-min=0.9km az=50.0

NEIC 07 23:40:45.8, 1.2, 38.65N, 0.02, 118.80W, h0km, 5km, Error ellipse: s-maj=3.0km s-min=1.9km az=223.0

IDC 07 23:40:46.0, 1.7, 38.70N, 1.18, 77W, h0km, mb3.8/6, mbmp3.8/13, ML4.0/6, MS3.4/22, Error ellipse: s-maj=8.9km s-min=4.5km az=50.0

ANF 07 23:40:45.4, 0.4, 38.65N, 1.18, 77W, h0km, ML4.5/26, Error ellipse: s-maj=4.3km s-min=2.4km az=125.0

NEIC 07 23:40:45.8, 38.65N, 118.77W, h0km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm; Mr=0.64; Mw=1.08; Ms=1.71; Mn=0.78; Mv=1.42; Mw=1.3; Fault plane solution: Ms2.2100000000; Np1=161.170000; 867.750000; A=161.830000; NP2=64.090000; 873.220000; A=13.290000; Principal axes: T 2.3236, Plg4.00000; Azm113.00000; N -0.2383, Plg62.00000; Azm210.00000; P -2.0853, Plg28.00000; Azm22.00000;

NEIC 07 23:40:47.38, 65N, 118.77W, h0km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm; Mr=0.48; Mw=1.09; Ms=1.57; Mn=1.01; Mv=1.24; Mw=0.03; Fault plane solution: Ms2.1200000000; Np1=161.6300000; A=163.000000; Principal axes: T 2.1084, Plg8.00000; Azm114.00000; N 0.0259, Plg5.00000; Azm217.00000; P 2.1342, Plg30.00000; Azm18.00000;

ISC 07 23:40:46.0, 1.0, 38.60N, 0.02, 118.80W, h0km, n76m, n194, a=1942/205, mb3.9/11, MS3.6/14, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ryan, Little Hootoon, Mina Array Bea, etc.

Table of astronomical observations for stations 8d 0h through 8d 0h, including columns for station name, RA, DEC, mag, and various flags.

Table of astronomical observations for stations HEC through X34A, including columns for station name, RA, DEC, mag, and various flags.

Table of astronomical observations for stations X34A through X34A, including columns for station name, RA, DEC, mag, and various flags.

ICD 07 23:51:54.5, 1.5, 3.16N, 126.13E, h0km, mb3.8/5, mbmp3.8/5, Error ellipse: s-maj=203.9km s-min=19.7km az=67.0

DJA 07 23:51:57.9, 2.9, 4.1N, 26.12E, 1.6, h41km, 38km, M4, 0/4, MLV4, 0/4

NEIC 07 23:52:02.2, 2.5, 3.5N, 0.1, 126.98E, 0.07, h68km, 17km, mb, 4/10, Error ellipse: s-maj=18.7km s-min=5.1km az=209.0

ISC 07 23:52:00.6, 0.8, 3.59N, 109.126E, 0.1, h48km, n22, az=199.2, mb, 0/8, Toland Islands

Table of astronomical observations for stations Code through X34A, including columns for station name, RA, DEC, mag, and various flags.

NEIC 08 00:32:28.9, 1.1, 35.08N, 0.01, 97.60W, 0.01, h3km, 3km, mb, Lg2, 1/9, Error ellipse: s-maj=2.0km s-min=0.8km az=221.0, Oklahoma

Table with columns: FNO, Franklin, 0.24, 42, Pg, Pg, 00 32 34.1 +0.5, etc. Includes entries for OKCFA, X34A, OK025, etc.

UTC 08 00:35:58.7-0.2, 44:125x78.30W, h10km, ML4.7
IDC 08 00:35:57.0-0.6, 44:37C:78.28W, h0km, mb4.4/15,
mbtmp4.14, ML4.2/1, MS4.1/29, Error ellipse:
s-maj=24.8km s-min=13.8km az=102.0

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, ISC, Time, Res, etc. Includes entries for GO07, LL07, AY01, etc.

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, ISC, Time, Res, etc. Includes entries for PLCA, PLCA, PLCA, etc.

Table with columns: PMSA, Palmer Station, 21.96, 164, P, P, 00 40 54.0 +1.8, etc. Includes entries for PMSA, PMSA, PMSA, etc.

Table with columns: CPUP, Villa Florida, 24.65, 50, P, P, 00 41 20.2 +0.7, etc. Includes entries for CPUP, CPUP, CPUP, etc.

Table with columns: PET01, Nana, 32.17, 62, eP, LR, 00 41 28.6 +1.9, etc. Includes entries for PET01, PET01, PET01, etc.

Table with columns: BDFB, Brasília, 38.37, 51, eP, P, 00 43 19.3 -0.9, etc. Includes entries for BDFB, BDFB, BDFB, etc.

Table with columns: MALB, Monte Alegre, 47.33, 34, eP, P, 00 44 33.9 +1.2, etc. Includes entries for MALB, MALB, MALB, etc.

Table with columns: MDP, Montagnes des, 54.33, 32, LR, LR, 00 41 56.1 -0.7, etc. Includes entries for MDP, MDP, MDP, etc.

Table with columns: TX32, Lajitas Array, 76.92, 337, P, P, 00 47 51.4 +0.2, etc. Includes entries for TX32, TX32, TX32, etc.

Table with columns: W50A, Signal Mountain, 79.43, 354, P, P, 00 48 05.4 +0.6, etc. Includes entries for W50A, W50A, W50A, etc.

8d 1h

Table of station data for the 8d 1h period, including call signs like X34A, TZTN, U49A, and various weather parameters.

2016 JUL

Main table of station data for July 2016, listing call signs (e.g., SFIN, P38A, N53A), times, and various weather-related metrics.

364

Table of station data for the 364 period, including call signs like CPUP, CPUP, CO05, and detailed weather data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOP Borongan, ROP Roxas, LAPU-LAPU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01 San Pedro de A, PB15 IPOC Station P, PB15 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OCP Olym-Cheeka Pk, HG4B Hot Spring, PFB Port Renfrew, etc.

VAO 08 01:21:07.0:5.6:0.20:95S:69:23W, h110km, mb4.1
NEIC 08 01:21:07.4:1.0:20:92S:10:04:69:12W:0:07, h111km, 5km,
mb4.2/5, ML3.7(GUC), Error ellipse: s-maj=9.2km

IDC 08 01:38:33.5:6.9:6.94S:130:82E, h261km, 80km, mb2.7/1,
mbtmp3.5/3, MS3.1/1, Error ellipse: s-maj=166.8km
s-min=31.9km az=74.0, Banda Sea

IDC 08 03:07:45.2:2.6:6.43S:128:46E, h0km, h0km, mb3.4/1,
mbtmp3.8/3, ML3.7/2, Error ellipse: s-maj=114.5km
s-min=32.5km az=66.0, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 08 02:17:23.6:0.1, 25:11N:0:140:7E:0.4, h88km, MV4.3/13,
IOTO ISLANDS REGION, Volcano Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BVCC, SLO, BTAM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PATCX, SUR, PBO8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAR, WRA, MFID, etc.

BUI 08 03:11:28.0-0.0, 61.100S:37.40W, h10km, mB4.7/1, Ms5.4/3, Ms7.5/4

IOC 08 03:11:28.8-0.0, 61.00S:36.82W, h0km, mB4.6/17, mBmp4.5/18, ML3.8/1, MS4.2/8, Error ellipse: s-maj=19.6km s-min=14.0km az=64.0

NEIC 08 03:11:28.6-1.5, 60.99S:0.08-37.36W, 0.07, h10km, 1km, mB5.1/0, Error ellipse: s-maj=13.0km s-min=5.6km az=180.0

GCMT 08 03:11:33.5-0.3, 61.17S:0.02-37.20W, 0.03, h10km, 1km, MW5.0/95, Moment Tensor Solution. s29.c31; s95.c131; Duration: 0 Moment tensor: Scale 10^19Nm; Mr: 0.31-1.12; Mw: 2.04-1.13; Mb: 1.73-1.12; M0: 1.33-2.29; M0: 3.12-1.15; M0: 0.48-3.1; Best double couple: M3.680000, 10^16

NP1: 106.000000, 682.000000, -1.000000. NP2: 196.000000, 689.000000, -1.720000. Principal axes: T: 3.9290, Plg5.0000, Azm330.0000; N: -0.3010, Azm2.0000, Azm204.0000; P: -3.5300, Plg6.0000; Azm61.0000; nst21 refers to body waves, cutoff=40s. nst22 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 08 03:11:28.9-0.3, 61.16S:0.06:36.82W, 0.08, h10km, nB25, e223/265, mB5.0/36, MS4.2/9, 2C-2D, Scotia Sea

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ORCD, HOPE, PMSA, etc.

8d 3h

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like BMRM, J20K, HMT, VNHG, MCK, etc.

2016 JUL

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like K27K, BCPM, J20K, HMT, VNHG, etc.

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Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like QSPA, TBI, BELA, ODZ, etc.

IDC 08 03:19:57.10.4.55.46S:128.22W,h0km,mb4.5/10, mbmp4.5/10,MS4.9/37,Error ellipse: s-maj=24.4km s-min=14.4km az=173.0
MOS 08 03:19:57.21.5.55.41S:128.01W,h11km,mb5.2/18, Error ellipse: s-maj=21.9km s-min=13.3km az=73.7
NEIC 08 03:19:58.3.1.7.55.3S:0.1x:128.0W:0.1,h10km,1km, mb5.0/69,Ms_20.5/226,MwC5.4(GCMT),Error ellipse: s-maj=22.5km s-min=8.6km az=333.0
GCMT 08 03:20:01.3.0.1.55:57S:0.01x:128.09W:0.01,h12km, MWG.4/149,Moment Tensor Solution: s128.0221; s149.0280; Duration: 1s2 Moment tensor: Scale 1017 Nm; M=0.24t; 02; Mw1.24t; 02; Mw=1.01t; 02; Mw=0.22t; 04; Mw1.16t; 01; Mw=0.40t; 04; Best double couple: Mo1.67800x1017 NP1a2.292.00000; 0.84.00000; 0.1-1.64.00000; 0.293.00000; 0.84.00000; 0.0.00000; -0.1-174.00000; Principal axes: T 1.8914, Plg4.0000, Azm158.0000; N -0.2431, Plg84.0000, Azm25.0000; P -1.6484, Plg4.0000, Azm248.0000; ISC 08 03:19:58.20.3.55.34S:0.07x:127.98W:0.07,h10km, n448,s178/287,mb5.0/52,MS5.2/169,1C,

Table with columns: Code, Station Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like SMAI, RPN, SBA, PMSA, etc.

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like CPUP, ITOB, PLTB, PB07, MSVF, etc.

Table with columns: STATION, FREQ, CLASS, MODE, TX, RX, SNR, etc. Includes stations like STKA, PTBL, BOSQ, etc.

Table with columns: STATION, FREQ, CLASS, MODE, TX, RX, SNR, etc. Includes stations like IRM, PDMCI, HEC, etc.

Table with columns: STATION, FREQ, CLASS, MODE, TX, RX, SNR, etc. Includes stations like JIS, ADK, P33M, etc.

8d 4h

2016 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like F24K Squaw Lake, GAMB Gambell, F21K Alaina River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CKRC Ceský Krumlov, CLL Colim, CLL Colim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDOK 5.9nm,2.0s, MDOK 5.2nm,0.5s, MTBS 9.4nm,0.2s, etc.

IDC 08:03:44-41.5:1.5,3.865:151.72E,h0km,mb3.7/4, mbtmp3.7/4,MS4.1/1, Error ellipse: s-maj=29.1km s-min=17.5km az=46.0, New Ireland region

JMA 08:04:03:37.5:0.1,38:6N:0.2x141:9E:0.5,h48km,MV3.5/37, KINKAZAN REGION. JMA Felt I J1 at KINKAZAN REGION. IDC 08:04:03:41.7:3.4,3.9:22N:140:34E,h0km,mb3.7/3, mbtmp3.5/4,ML2.0/1, Error ellipse: s-maj=89.4km s-min=30.3km az=75.0

ISC 08:04:03:37.2:2.0,38:64N:0.5x141:9E:0.1,h46km,11km, n13,-08:64/20,mb3.6/3,15D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKMJ Kesennumototy, JKMT Kesennumototy, OFUJ Ofunato, etc.

IGQ 08:04:28:39.0:0.0,3:18:11W:1,h8km IDC 08:04:28:40.7:0.5,0:34S:80:83W,h0km,mb4.8/24, mbtmp4.8/25,ML4.3/1,MS4.9/50, Error ellipse: s-maj=19.0km s-min=10.6km az=61.0 NEIC 08:04:28:43.3:1.8,0:41S:0:04h:81W:0:06,h7km,2km, mb5.2/68,MS20.5:0.240,Mwb5.5/27, Error ellipse: s-maj=9.5km s-min=5.2km az=85.0 GCMT 08:04:28:44.3:0.1,0:43S:0:01h:81:21W:0:01,h12km, MWS4.1/26, Moment Tensor Solution. s102:c149; s126:c221; Duration: t52 Moment tensor: Scale 10^17 Mn: Mn:0.73c:01; Mw:0.09c:01; Mw:0.81c:01; Mw:1.02c:01; Mw:1.00c:01; Mw:1.43c:03; Best double couple: Mo:1.62700x10^17 NP1:354.00000; 814.00000; 7.81.00000. NP2:183.00000; 876.00000; 7.92.00000. Principal axes: T 1.5860, P1659.0000, Azm97.0000; N

0.0820, P1g2.0000°, Azm3.0000°; P -1.6690, P1g31.0000°; Azm272.0000°; inst1 refers to body waves, cutoff=40s. inst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 08-04:28:44.8, 0.4355:80:81W, h6km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr0.54; Mw0.37; Mw0.91; Mw0.26; Mw0.70; Mw0.20; Fault plane solution: M2.45000x1017 NP1=186.62000°, 82.12000°, 1.09.69000°. NP2=297.43000°, 82.12000°, 1.22.16000°. Principal axes: T 2.3292, P1g49.0000°, Azm118.0000°, N 0.2316, P1g19.0000°, Azm4.0000°; P 2.5538, P1g34.0000°, Azm34.0000°

VAO 08-04:28:45.0, 0.3, 0.51S, 80:58W, h10km, mb5.1 UPA 08-04:28:50.7, 0.6, 0.01N, 80:89W, h0km, 20km, MWV.4 ISC 08-04:28:41.0, 0.8, 0.40S, 0.02, 80:95W, 0.03, h6km, 4km, n1455, e174/1288, mb5.2/367, MS5.0/171, 42, 7C, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and Station/Code. Includes stations like SANGA, PUYO, TUMAC, CHMA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and Station/Code. Includes stations like SDV, CRJC, CNGN, UATN, etc.

Table with columns: Station, Frequency, Power, Class, and SNR. Includes stations like San Ignacio, Limon Verde, Limon Verde, etc.

Table with columns: Station, Frequency, Power, Class, and SNR. Includes stations like GOGA Godfrey, GOGA Godfrey, GOGA Godfrey, etc.

Table with columns: Station, Frequency, Power, Class, and SNR. Includes stations like CNNC Cliffs of the, CCRAR Cane Creek, OXF Oxford, etc.

Table with columns: PDAR, LR, LR, 04 59 37.1, and various station names like ISA, HWUT, SBC, AGMN, GRAC, CRWC, BGU, PKM, YES, MDND, TIN, AHID, SMCC, VGU, REDW, SNOW, LOHW, PAGB, TPAW, MOOV, ELK, ELK, MLAC, NV11, OMMB, FLWY, FLWY, MDPB, NVAR, NVAR, LHV, RLMT, H17A, LAO, LAO, RYN, YFT, ULM, YNR, BMN, YERR, SAO, DGMT, DGMT, HLID, PAHR, BOZ, BOZ, DLMT, MFID, MFID, BEKR, EGMT, EGMT, MCMC, J08A, HOPS, MOD, MSO, MSO, BMO, K05A, JTMT, SCHQ, SCHQ, K04D, YBH, YBH, L04D, L04D, KMPM.

Table with columns: J05D, G08A, W08A, J04D, J04D, E09A, L02F, I05D, F07A, I04A, K02D, DBO, HAWA, FFC, FFC, NEW, NEW, G05D, E07A, H04A, J03E, I01E, J01E, HOOD, HO4D, HO4D, HO4D, G03D, G03D, F04D, TAOE, TAOE, FCC, B06A, B06A, NLWA, FRB, PMSA, BBB, YKA, YKA, MACI, SMAI, SMAI, PMOZ, PMAR, PMP5, PMPST, T35M, PPT, PPT2, PPT2, CRAG, WRAK, WRAK, TBI, DLBO, SFJD, SFJD, DY2G, DY2G, SIT, ILULI, P33M, P33M, P33M, P32M, N32M, SKAG, PLBC, WHY, O30N, P30M, M31M, M31M, N31M, N31M, N31M, HYT.

Table with columns: ICESG, N30M, PNL, YUK6, M30M, M30M, C36M, YUK4, RESOL, PINM, HUH, PFVI, PFVI, LIC, PMAFR, TIC, PMST, TABL, LIS, LIS, LOGN, LOGN, PTEO, MORF, MORF, MORF, MORF, DBIC, DBIC, DBIC, YAH, YAH, MESA, KIC, PACT, YUK3, CTGM, CTG, PNCL, GRNC, AVE, AVE, AVE, PSBE, BARN, MESJ, MESJ, MESJ, ISLE, PCVE, PBDV, J29M, J29M, WAX, WAX, WAX, BVCY, PCAS, PMTG, EVO, PBEJ, PVAQ, PVAQ, PVAQ, TGL, DAWY, DAWY, CRQE, CRQE, CROM, SUCK, TULEG, M27K, M27K, EPYK, EPYK, I29M, I29M, INK, INK, INK, PGAV, PGAV, PGAV, HMT, HMT, VRDI, PVIS.

8d 4h

Table with columns: Station, Frequency, Mode, Date/Time, and other identifiers. Rows include stations like Sachs Harbour, Summit, Beaver Creek, etc.

2016 JUL

Table with columns: Station, Frequency, Mode, Date/Time, and other identifiers. Rows include stations like Palmer, HDA, HDA, Rabbit Creek, etc.

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Table with columns: Station, Frequency, Mode, Date/Time, and other identifiers. Rows include stations like Ugashik Creek, Big River Lodge, Happy Valley, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Rapa Nui, Rapana, Pitcairn Island, etc.

TUL 08 05:39:35.8±0.5, 35.88N±0.01, 97.31W±0.02, h17km, 5km, ML2.5, mb, Lg2.3/2.1(NEIC), Error ellipse: s-maj=2.2km s-min=1.7km az=141.0

NEIC 08 05:39:36.4±0.2, 35.869N±0.008, 97.31W±0.01, h2km±4km, Error ellipse: s-maj=1.7km s-min=0.8km az=122.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Liberty Lake, Westminister Rd, etc.

Table with columns: SAMP, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sagada Mountain, Palagan, San Manuel, Pa, etc.

NNC 08 05:57:37.1±2.6, 53.44N±87.70E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=20.9km s-min=12.2km az=70.0

IDC 08 05:57:34.5±2.5, 53.63N±87.99E, h0km, mbmp3.1/2, ML2.8, 7C-5D, Error ellipse: s-maj=23.7km s-min=15.4km az=59.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZALVOVO ARRAY, etc.

IDC 08 06:00:50.0±0.8, 52.84N±171.20E, h0km, mb4.0/22, mbmp4.0/23, ML3.3/1, MS3.6/7, Error ellipse: s-maj=23.1km s-min=13.5km az=171.0

AEIE 08 06:00:52.6±1.9, 53.19N±171.35E±0.1, h20km, 5km, ML3.8/9, mb4.1/4(NEIC), Error ellipse: s-maj=17.6km s-min=8.8km az=184.0

MOS 08 06:00:53.2±1.0, 52.49N±171.08E, h54km, mb4.5/20, Error ellipse: s-maj=9.2km s-min=5.7km az=44.4

NEIC 08 06:00:55.6±1.7, 52.9N±171.2E±0.1, h36km±7km, Error ellipse: s-maj=20.5km s-min=9.1km az=184.0

KRSO 08 06:00:58.1±2.0, 52.73N±170.16E, h35km±62km, ML4.5, Error ellipse: s-maj=20.5km s-min=9.1km az=184.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Shemya, Bering, Little Sitkin, etc.

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

PETK 1.8nm, 0.3s, baz=99, slow=15, SNR=4.5

PETK 8.08 278 Pn Pn 06 02 51.8 +2.5

PETK 8.08 278 Pn Pn 06 02 51.0 +1.7

SEY 0.1nm, 0.3s, baz=53, slow=30, SNR=2.2

SEY 2.224nm, 19.0s, baz=125, slow=36

SEY 14.24 323 Pn Pn 06 04 14.8 +1.5

BILL 6.7nm, 0.9s, baz=159, slow=33, SNR=1.4

BILL 15.59 353 Pn Pn 06 04 33.6 -1.4

BILL 15.59 353 Pn Pn 06 04 31.7 +0.5

N18K 19.67 53 Pn Pn 06 05 19.9 -1.8

SVW2 19.82 52 Pn Pn 06 05 20.9 -1.5

O18K 19.89 55 Pn Pn 06 05 19.8 -2.8

O18K 06 05 30.0

TTA 20.09 46 Pn Pn 06 05 24.1 -0.7

TTA 20.09 46 Pn Pn 06 05 24.1 -0.7

N19K 20.37 53 Pn Pn 06 05 27.5 -0.3

L19K 20.44 49 Pn Pn 06 05 27.8 -0.7

OHAK 20.82 63 Pn Pn 06 05 30.7 -1.9

K20K 21.05 46 Pn Pn 06 05 34.5 -0.6

RSD 21.18 54 Pn Pn 06 05 35.1 -1.5

KDOK 21.18 62 Pn Pn 06 05 34.1 -2.3

KDAK 21.18 62 Pn Pn 06 05 49.0

KDAK 21.18 62 Pn Pn 06 05 35.5 -0.9

J20K 21.24 44 Pn Pn 06 05 35.5 -1.6

CNPM 21.88 57 Pn Pn 06 05 43.3 -0.7

SKT 21.94 50 Pn Pn 06 05 42.7 -1.9

IMAR 21.97 39 Pn Pn 06 05 43.2 -1.7

H21K 22.23 40 Pn Pn 06 05 46.2 -1.5

BPAW 22.56 45 Pn Pn 06 05 51.2 -0.1

PWL 23.37 53 Pn Pn 06 05 58.0 -1.6

PWL 23.37 53 Pn Pn 06 06 01.9

SML 23.43 51 Pn Pn 06 05 59.5 -0.6

SML 23.43 51 Pn Pn 06 06 02.9

YAK 23.79 309 LR LR 06 15 24.7

YAK 23.79 309 LR LR 06 06 05.1 +1.6

YAK 23.79 309 LR LR 06 06 05.1 +1.6

WRH 23.88 44 Pn Pn 06 06 02.8 -1.5

WRH 23.88 44 Pn Pn 06 06 06.2

SCM 23.91 51 Pn Pn 06 06 03.6 -1.1

SCM 23.91 51 Pn Pn 06 06 03.6 -1.1

MDM 23.91 43 Pn Pn 06 06 02.9 -1.8

MDM 23.91 43 Pn Pn 06 06 07.3

CCB 24.03 44 Pn Pn 06 06 04.1 -1.6

CCB 24.03 44 Pn Pn 06 06 08.5

COLA 24.05 44 Pn Pn 06 06 07.2 +1.3

COLA 24.05 44 Pn Pn 06 06 07.2 +1.3

H24K 24.24 41 Pn Pn 06 06 06.9 -0.8

TOLK 24.34 34 Pn Pn 06 06 07.9 -1.5

TOLK 24.34 34 Pn Pn 06 06 16.2

IL31 24.44 44 Pn Pn 06 06 07.9 -1.6

IL31 24.44 44 Pn Pn 06 06 16.3

ILAR 24.44 44 Pn Pn 06 06 07.5 -1.9

ILAR 24.44 44 Pn Pn 06 16 12.0

ILAR 24.44 44 Pn Pn 06 06 10.5 +1.0

ILAR 24.44 44 Pn Pn 06 06 10.5 +1.0

KLU 24.56 52 Pn Pn 06 06 09.6 -1.1

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KLU, KLR, J25K, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like AKASG, AKKB, VRAC, GNI, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HELC, PAYS, ZARC, etc.

Table with columns: RPN, Rapa Nui, 38.16 224 LR, LR, 07 22 52.5, etc. Lists various astronomical observations with coordinates and times.

Table with columns: TOR, Torodi Ar. Bea, 82.79 77 P, P, 07 16 13.2 -0.7, etc. Lists astronomical observations, including some with error ellipses and magnitudes.

Table with columns: PMG, Port Moresby, 21.21 286 LR, LR, 07 21 30.0, etc. Lists astronomical observations, including some with error ellipses and magnitudes.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BBOO Buckleboob, STKA Stephens Creek, etc.

IGQ 08 07:35:14.0-0.8, S:2x8'1W, h10km
VAO 08 07:35:16.4-1.5, 0.09S:80.84W, h10km, mb4.4
ISC 08 07:35:13.9-1.7, 0.32S:0.05-80.94W-0.07, h6km=10km, n94, c1986/104, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AMNT Manta-Manabi, CHIS Cerro-Chispas, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PORT Chimborazo Vol, CAMI Rancho Maria, etc.

ANF 08 07:45:20.3-0.3, 35.72N:97.17W, h5km, ML3.0/6, Error ellipse: s-maj=4.5km s-min=2.3km az=136.0
TUL 08 07:45:20.7-0.5, 35.65N:97.008-97.15W-0.01, h5km, 4km, ML2.8, mb, Lg2.5/44(NEIC), Error ellipse: s-maj=1.9km s-min=0.7km az=122.0
NEIC 08 07:45:21.3-0.3, 35.859N:0.010-97.16W-0.01, h3km, 5km, Error ellipse: s-maj=1.5km s-min=1.4km az=85.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OK005 Luther M Schoo, OK006 Westminster Rd, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Z38A Mt. Pleasant, R32A Long Quarter, etc.

IDC 08 07:49:42.7-5.7, 2.91S:-141.47E, h0km, mb3.3/2, mbmt3.5/3, ML3.9/1, MS3.6/1, Error ellipse: s-maj=1.6km s-min=29.6km az=90.0, Near north coast of New Guinea

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

VIE 08 08:11:29.0-0.3, 47.44N:15.80E, h0km, mb0.7/2, ml1.1/3, Error ellipse: s-maj=3.5km s-min=1.5km az=132.0, 16 km WNW of Rohrbach a.d. Lafnitz Suspected Mining explosion., Austria

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARSA Arzberg, ARSA 4.3nm,0.1s, etc.

LJU 08 08:11:59.9, 46.39N:15.07E, h0km, Confirmed Rockburst, Northwestern Balkan Peninsula

SOME 08 16:45.4, 39.57N:73.70E, h10km
KRNET 08 16:46.1-0.1, 39.49N:73.57E, mb3.9
NINC 08 16:50.6-1.5, 39.68N:73.60E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=11.8km s-min=6.4km az=176.0

ISC 08 16:49.1-1.2, 39.59N:0.05-73.55E-0.03, h10km, n54, c245/85, 19C-14D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OHH Osh, ARLS Aral, etc.

8d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various data points for stations like BOOM, CHMS, CHGR, etc.

2016 JUL

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various data points for stations like CRIN, COPN, COEB, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various data points for stations like LK2D, LK2E, LK2F, etc.

IDC 08 08:31:53.0, 0.9, 21.78S, 0.1, 178.2W, 0.1, h10km, mb3.9/4, mdtmp3.7/9, Error ellipse: s-maj=71.0km s-min=39.7km

NEIC 08 08:31:53.4, 1.3, 21.78S, 0.1, 178.2W, 0.1, h10km, 1km, mb4.4/9, Error ellipse: s-maj=27.2km s-min=11.6km

TIR 08 08:41:15.6, 38.48N, 20.48E, h9km, 1km, M3.6, IDC 08 08:41:15.6, 1.3, 38.65N, 20.60E, h8km, mb3.7/7, mdtmp3.7/9, ML3.9/2, MS2.7/4, Error ellipse: s-maj=23.7km s-min=22.1km az=123.0

THE 08 08:41:19.4, 38.60N, 20.57E, h11km, ML3.6/15, Error ellipse: s-maj=0.9km s-min=0.4km az=290.0, ATH 08 08:41:19.6, 38.61N, 20.58E, h11km, 1km, ML3.3/13, Error ellipse: s-maj=1.7km s-min=0.8km az=280.0

ISC 08 08:41:19.0, 0.7, 38.61N, 0.0, 20.57E, 0.03, h13km, 4km, n90, c084/123, mb3.7/7, Greece

ISC 08 08:36:16.5, 0.9, 12.90N, 0.0, 87.11W, 0.04, h18km, 6km, n30, c069/42, Near coast of Nicaragua

INET 08 08:36:16.2, 0.7, 12.91N, 87.09W, h5km, 1km, MW3.2, SSS 08 08:36:18.2, 0.5, 12.91N, 87.20W, h15km, 2km, ML2.7, SNET 08 08:36:18.2, 0.5, 12.91N, 87.20W, h15km, 2km, ML2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TREB Trebinje, SJES Sjenica, UPM Unac-Piva, etc.

JMA 08 09:07:04.6 ± 0.2, 33°4N, 0°6'14"E, h60km, MV3.2/24, E OFF HACHIOJIMA ISLAND

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHU2 Mitsune, JHCJ Hachiojimakai, etc.

TUL 08 09:22:08.7 ± 1.2, 35°66N, 0°10'19.7"E, h5km, 4km, ML2.5, mb, Lg2.0/14(NEIC), Error ellipse: s-maj=1.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK005 Luther M School, OK025 Westminister Rd, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAN05 Bluff City Nor, KAN01 Argonia South, etc.

BUJ 08 09:40:49.1 ± 0.0, 32°84S, 122°93E, h13km, mb4.9/53, mB5.1/31, Ms4.9/26, Mst 4.5/25

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AUKUL Kulini High Sch, KLBR Kellerberrin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RKGY baz=5.1, SNR=5.5, RKGY baz=5.1, SNR=5.5, etc.

Table with columns: BBOO, Buckleboo, 11.50 96 P, Pn, 09 43 34.1 -2.5, STKA, 11nm, 0.3s, baz=342, slow=20, SNR=2.2, Lg, Lg, 09 49 19.2, TOO, baz=20, SNR=23, P, P, 09 45 21.4 +1.0

Table with columns: STKA, 11nm, 0.3s, baz=342, slow=20, SNR=2.2, Lg, Lg, 09 49 19.2, TOO, baz=20, SNR=23, P, P, 09 45 21.4 +1.0

Table with columns: TOO, baz=20, SNR=23, P, P, 09 45 21.4 +1.0, TOO, baz=20, SNR=23, P, P, 09 45 21.4 +1.0

8d 10h

2016 JUL

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H m s, I SC. Lists station data for codes MKAR through PAVE.

GCG 08 09:59:12.4-0.9, 15.25N-93.07W, h34km, MD3.9 MEX 08 09:59:14.0-0.8, 14.57N-92.97W, h98km, MD4.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H m s, I SC. Lists station data for codes PAVE through ZAAO.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H m s, I SC. Lists station data for codes XAN through ZAAO.

Table with columns: STATION, FREQ, MODE, BAND, CLASS, POWER, STATUS, NAME, and other technical details. Includes stations like PETK, DALK, AVH, etc.

2016 JUL

Table with columns: STATION, FREQ, MODE, BAND, CLASS, POWER, STATUS, NAME, and other technical details. Includes stations like KS19, TJN, JUNU, etc.

8d 10h

Table with columns: STATION, FREQ, MODE, BAND, CLASS, POWER, STATUS, NAME, and other technical details. Includes stations like D24K, TCOL, COLA, etc.

8d 10h

Table with columns for station call letters, frequency, power, and other technical details. Rows include stations like MKAR, MKAR, MKAR, etc.

2016 JUL

Table with columns for station call letters, frequency, power, and other technical details. Rows include stations like KVN, KVN, KVN, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Rows include stations like WB2, WB2, WRA, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURS, BTLS, ARXS, PDGK, etc.

IDC 08 11:59:19.3z2.7,31.59Sx69.58W,h92kmz25km,mb3.3/4, mbmp3.8/8, Error ellipse: s-maj=41.3km s-min=20.4km az=84.0

GUC 08 11:59:20.5z1.0,31.58Sx69.98W,h136kmz6km,ML4.3 ISC 08 11:59:21.8z0.8,31.54Sx69.92Wz0.09,h124kmz8km, n31,r1972/54,mb3.4/4,7C-6D, San Juan Province

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CO03, VA03, VA06, GO04, etc.

SSS 08 12:08:47.5z0.9,14.11Nz89.74W,h6kmz2km,ML3.5 SNET 08 12:08:47.5z0.9,14.11Nz89.74W,h6kmz2km,ML3.5 CGC 08 12:08:50.4z0.7,14.25Nz89.85W,h2kmz8km,MD3.5 ISC 08 12:08:48.0z0.9,14.11Nz89.72Wz0.03,h12kmz7km,

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLOZ, NUBE, CEDA, MTO3, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TARG, TKM2, KKAR, etc.

Table with columns: INK, Inuvik, 72.13, 10, P, P, 12 21 50.1 -0.4, etc. Lists various stations and their coordinates.

Table with columns: TJ01, Guaruruva-PR, 32.46, 64, eP, P, 12 24 12.2 +3.4, etc. Lists stations in Guaruruva-PR and other locations.

Table with columns: COEN, Coen, 17.98, 130, P, Pn, 12 29 40.6 +1.1, etc. Lists stations in Coen and other locations.

IDC 08 12:17:36.1±0.8, 44.92S:81.29W, h0km, mb4.0/10, mbtmp4.0/11, ML3.9/11, MS3.7/13, Error ellipse: s-maj=30.6km s-min=17.8km az=107.0

IDC 08 12:25:27.8±1.9, 2.46S:05.129°E, h10km, mb4.0/10, mbtmp4.0/11, ML3.9/11, MS3.7/13, Error ellipse: s-maj=40.6km s-min=19.7km az=78.0

SOME 08 13:00:39.2, 44.72N:82.23E, h15km, NNC 08 13:00:41.7±1.2, 44.71N:82.22E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=17.6km s-min=2.9km az=116.0

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

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

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

IDC 08 13:05:40.3±1.2, 10.12N:85.83W, h0km, mb4.1/8, mbtmp4.1/9, ML3.9/11, MS3.5/34, Error ellipse: s-maj=45.2km s-min=21.5km az=45.0

8d 14h

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NWLT, TIPB, TIBP, NSK, etc.

2016 JUL

Table with columns: MORW Morawa, 56.91 250, P, Iamb, P, 13 26 18.5 -0.6. Includes stations like MORW, TOLIZ, QSPA, etc.

TUL 08 13:30:38.1±1.5, 36.69N, 0.01±0.98, 27W, 0.02, h6km, 6km, ML2.5, mb, Lg2.3(4)(NEIC), Error ellipse: s-maj=1.9km s-min=1.6km az=110.0

NEIC 08 13:30:39.1±1.7, 36.686N, 0.005±0.98, 26W, 0.02, h5km, 2km, Error ellipse: s-maj=3.0km s-min=2.3km az=56.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OK032, CROK, KAN14, etc.

U38A Gravette comp=Z, 7.0nm, 0.8s 3.13 93 Iamb_Lg 13 32 22.8

X37A Clayton comp=Z, 6.7nm, 1.0s 3.15 131 Iamb_Lg 13 31 29.7 +0.5

AMTZ Amarillo comp=Z, 6.5nm, 0.9s 3.31 238 Pg 13 31 38.7 +0.3

S39A Soliva comp=Z, 5.2nm, 0.7s 4.07 74 Iamb_Lg 13 32 53.5

MIAR Mount Ida comp=Z, 5.8nm, 0.7s 4.74 50 Iamb_Lg 13 33 17.2

MGMO Mountain Grove comp=Z, 5.8nm, 0.7s 4.82 83 Iamb_Lg 13 33 20.3

T25A Trinidad comp=Z, 4.0nm, 0.8s 4.95 277 Iamb_Lg 13 33 22.3

R40A Medias Station comp=Z, 6.1nm, 0.8s 5.03 70 Iamb_Lg 13 33 21.2

WHAR Woolly Hollow 5.04 104 Pn Pn 13 31 53.6 -1.7

CCM Cathedral Cave 5.75 74 Pn Pn 13 32 02.9 -2.1

LCAR Lake Charles 5.76 94 Iamb_Lg 13 33 42.2

PBMO Poplar Bluff 6.29 87 Iamb_Lg 13 33 59.5

VIE 08 13:31:12.0±0.4, 50.05N, 18.53E, h0km, mb2.5/3, ml2.6/2, Error ellipse: s-maj=6.7km s-min=2.9km az=159.0 31 km

MCSM 08 13:31:12.3±0.3, 50.14N, 5.19E, h0km, 2km, ML3.4 IPEC 08 13:31:12.3±0.2, 50.06N, 18.54E, h1km, ML2.6/4, Error ellipse: s-maj=2.0km s-min=1.0km az=164.0

PRU 08 13:31:13.1±0.0, 50.04N, 18.47E, h0km ISC 08 13:31:12.3±0.8, 50.05N, 0.03±18.52E, 0.02, h0km, n33, 0.81/59, Poland

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

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Table with columns: KSP, KSP, KSP, CHV, CHV, CHV, 1.63 300, ePg, Pn, 13 31 41.6 -0.6. Includes stations like KSP, CHV, UPC, etc.

MOS 08 13:53:56.4±0.4, 45.08N, 37.64E, h44km, 3km, MPV4.0, SIGU 08 13:53:57.0±1.2, 45.03N, 37.63E, h35km, Lower Kuban region 5

ISC 08 13:53:57.4±1.2, 45.03N, 0.06±37.63E, 0.03, h49km, 10km, n20, r136/39, 1D, Ukraine-Moldova-Southwestern Russia region

Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ANN, ANN, SPGR, etc.

SUDU comp=Z, 8.0nm, 0.3s 3.57 233 i Pn 13 32 08.9 0.0

SUDU comp=N, 26nm, 0.3s 3.73 292 ePg Sn 13 32 32.9 +1.1

SUDU comp=N, 16nm, 0.3s 5.91 78 Sn Sn 13 33 50.3 +1.4

SOC Sochi 2.08 133 ePg Pn 13 54 31.7 +1.8

ERRR Yereznino-Bor 2.13 70 ePg Sn 13 54 54.9 +0.3

LABB Labinsk 2.24 99 ePg Sn 13 54 55.0 -1.0

LPOR Krasnaya Polyva 2.31 124 ePg Sn 13 54 33.2 +0.1

VPOR Vesyolye 2.33 31 i Pn Sn 13 54 33.6 +0.0

YAL Yalta 2.53 159 ePg Sn 13 55 00.2 -0.6

SEV Sevastopol' 2.86 262 ePg Sn 13 54 39.9 -0.6

SEV Sevastopol' 2.86 262 ePg Pn 13 54 40.1 -0.4

SEV comp=Z, 4.0nm, 0.3s 3.11 96 ePg Pn 13 55 13.4 -0.3

SEV comp=N, 10.0nm, 0.3s 3.11 96 ePg Sn 13 55 24.3

NVNR Nevinnomysk 3.11 96 ePg Pn 13 54 42.6 -1.4

NVNR Nevinnomysk 3.11 96 ePg Sn 13 55 16.7 -3.3

KIV Kislovodsk 3.78 105 ePg Pn 13 54 54.1 +0.9

KIV Kislovodsk 3.78 105 ePg Sn 13 55 37.8 +1.4

KIV Kislovodsk Arr 3.78 105 ePg Pn 13 54 54.1 +0.8

KBZ Khabaz 4.00 107 ePg Pn 13 55 56.9 +0.8

KBZ Khabaz 4.00 107 ePg Sn 13 55 41.9 +0.3

TUL 08 14:00:32.1±1.3, 35.98N, 0.01±97.20W, 0.01, h5km, 6km, ML2.5, mb, Lg2.3(4)(NEIC), Error ellipse: s-maj=1.7km s-min=1.3km az=155.0

NEIC 08 14:00:32.2±1.1, 35.989N, 0.005±97.20W, 0.01, h5km, 2km, Error ellipse: s-maj=3.0km s-min=1.7km az=147.0, Oklahoma

Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OK033, OK033, etc.

OK033 Mehan 0.22 76 Pg Pn 14 00 37.0 +0.4

OK033 Mehan 0.22 76 Pg Pn 14 00 40.0 +0.9

OK033 S. Brethren Rd 0.30 97 Pg Pn 14 00 41.9 0.0

OK030 Cody Creek Rv 0.35 100 Pg Pg 14 00 39.2 +0.2

OK030 Cody Creek Rv 0.35 100 Pg Pg 14 00 44.1 +0.7

OK034 N. Norfolk Rd. 0.40 87 Pg Pg 14 00 40.1 +0.2

OK034 Westminister Rd 0.42 195 Pg Pn 14 00 45.8 +0.7

OK025 Westminister Rd 0.42 195 Pg Pn 14 00 45.9 +0.1

QUOK Quay 0.44 66 Pg Pg 14 00 41.1 +0.4

QUOK Quay 0.44 66 Pg Pg 14 00 47.3 +0.8

BCOK Bluff Creek, N 0.47 225 Pg Pg 14 00 40.9 -0.3

BCOK Depew 0.59 120 Pg Pg 14 00 43.7 +0.2

DEOK Depew 0.59 120 Pg Pg 14 00 51.4 +0.1

DEOK Oklahoma City 0.61 199 Pg Pg 14 00 43.3 -0.6

OKCFA Franklin 0.75 192 Pg Pg 14 00 52.0 +0.3

FNO Franklin 0.75 192 Pg Pg 14 00 46.1 -0.4

FNO Franklin 0.75 192 Pg Pg 14 00 56.2 0.0

BLOK Blackwell 0.77 359 Pg Pg 14 00 46.9 -0.1

BLOK Blackwell 0.77 359 Pg Pg 14 00 57.2

BLOK Carrier 0.81 309 Pg Pg 14 00 57.2 +0.2

CROK Carrier 0.81 309 Pg Pg 14 00 58.5 +0.1

CROK Carrier 0.81 309 Pg Pg 14 00 57.9 -0.9

GC02 Grant County # 1.01 329 Pg Pg 14 01 05.0 +0.3

GC02 Grant County # 1.01 329 Pg Pg 14 01 05.0 +0.3

KAN13 South Haven SW 1.04 348 Pg Pg 14 00 52.0 -0.3

KAN13 South Haven SW 1.04 348 Pg Pg 14 01 07.8 -0.7

T35A Sooner Cattle 1.08 31 Pg Pg 14 00 57.7 -0.3

T35A Sooner Cattle 1.08 31 Pg Pg 14 01 07.8 -0.3

KAN17 Caldwell West 1.15 337 Pg Pg 14 00 54.2 +0.1

KAN17 Caldwell West 1.15 337 Pg Pg 14 01 09.3 +0.3

OK032 Salt Plains WL 1.15 315 Pg Pg 14 00 53.7 -0.5

OK032 Salt Plains WL 1.15 315 Pg Pg 14 01 09.4 +0.2

TUL1 Leonard 1.15 94 Pg Pg 14 00 53.0 -0.2

TUL1 Leonard 1.15 94 Pg Pg 14 01 08.9 -0.2

KAN05 Bluff City Nor 1.24 334 Pg Pg 14 00 55.6 -0.3

KAN05 Bluff City Nor 1.24 334 Pg Pg 14 01 12.4 -0.1

KAN01 Argonia South 1.25 339 Pg Pg 14 00 55.7 -0.3

KAN01 Argonia South 1.25 339 Pg Pg 14 00 55.7 -0.3

KS20 Mayfield South 1.27 347 Pg Pg 14 01 05.8 -0.7

KS20 Mayfield South 1.27 347 Pg Pg 14 01 13.6 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK038 West end E0370, KAN10 Anthony SW Sta, KAN21 Milan North St, etc.

AUST 08 14:31:24.4±1.5, 32.39S±122.21E, h0km, Error ellipse: s-maj=22.0km s-min=11.0km az=145.0

CUPWA 08 14:31:27.4±3.3, 32.54S±123.5E, h4km, 70km, Region: WESTERN AUSTRALIA, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AU001 Kulin High Sch, AU002 Kellerberrin, AU003 KLBRR, etc.

IDC 08 14:51:19.2±3.4, 6.75S, 121.00E, h400km, 122km, mb2.8/2, mbtmp3.5/4, Error ellipse: s-maj=354.5km s-min=93.7km az=31.0, Flores Sea

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

IDC 08 14:58:24.9±1.0, 62.21S±158.53W, h0km, mb4.1/5, mbtmp4.0/6, ML3.8/1, MS3.8/28, Error ellipse: s-maj=45.7km s-min=23.7km az=6.0

NEIC 08 14:58:24.4±1.3, 62.3S±158.9W±0.3, h10km, 1km, mb4.7/8, Error ellipse: s-maj=23.1km s-min=20.8km az=122.0

IDC 08 14:58:24.8±0.8, 62.4S±158.3W±0.1, h10km, n42, r171/19, mb4.5/8, MS3.9/27, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBA Scott Base, VNA Vanda, VNA Vanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, VNA3 Nonsau, etc.

DJA 08 15:10:01.7±0.4, 8°S±2°10'E±, h33km±5km, M4.7/29, mb4.6/18, mb5.3/8, MLV4.7/29, Mw(MB)4.7/8

NEIC 08 15:10:02.3±2.9, 8.24S±0.0±108.27E±0.07, h80km±7km, mb4.4/35, Error ellipse: s-maj=10.3km s-min=2.5km az=104.0

IDC 08 15:10:08.6±5.9, 7.77S±108.45E, h123km±52km, mb3.9/13, mbtmp4.2/14, MS3.1/5, Error ellipse: s-maj=38.0km s-min=12.3km az=58.0

ISC 08 15:10:01.6±0.8, 8.14S±0.0±108.25E±0.04, h67km±7km, n117, r159/116, mb4.3/26, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMJ1 Cimerak, CNJ1 Cibirong, CNJ2 Cibinong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IPM Iphoh, KULM Kulim, TOL12 Tolitoli, etc.

KRNET 08 15:13:01.9±0.1, 39.53N±73.71E, mb3.5, SOME 08 15:13:03.9, 39.60N±73.53E, h0km

NINC 08 15:13:07.2±1.8, 39.62N±73.52E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=15.1km s-min=7.8km az=7.0

ISC 08 15:13:03.8±1.4, 39.60N±0.06±73.61E±0.04, h10km, n37, r215/153, 14C-5D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OHH Osh, ARLS Aral, ARLS Aral, etc.

Table with columns: Station, Location, Time, Frequency, and other details. Includes stations like Tasmania Unive, Moorlands, Gladstone, etc.

Table with columns: Station, Location, Time, Frequency, and other details. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WBRB Tennant Creek, etc.

Table with columns: Station, Location, Time, Frequency, and other details. Includes stations like TNTI Ternate, KMSI Ternate, BLSI Bandar Lampung, etc.

8d 16h

Table with columns for station name, frequency, and signal strength. Includes stations like INU Inuyama, LSZ Lusaka, MJAR Matsuhiro Arr, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like COLA College, BMO Blue Mountains, M27K Edge Creek, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like JFWS Jewell Farm, ZST Bratislava, JAVC Velja Javorina, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BSN, BNI, UPN, SENIN, DEL, EBSD, NB2, BINY, TRY.

ECX 08 17:12:36.5, 0.3, 19:37N-108:93W, h10km, 240km, ML4.3
IDC 08 17:12:38.9, 0.6, 19:56N-109:19W, h0km, mb4.4/20,
mbmp4.4/25, ML4.0/5, MS4.1/32, Error ellipse:
s-maj=15.7km s-min=10.6km az=62.0

MEX 08 17:12:40.4, 0.4, 19:59N-109:04W, h10km, MD4.5
NEIC 08 17:12:41.7, 2.2, 19:70N-101:10W, h10km, 1km,
mb4.7/268, Error ellipse: s-maj=20.1km s-min=11.7km
az=22.0

GCMT 08 17:12:41.7, 0.3, 19:74N-102:109:01W, h23km, 1km,
MW5.0/103, Moment Tensor Solution. s34,c44;
s103,c140; Duration: 0 Moment tensor: Scale 10^16Nm;
M= -0.62e-17; M2= -3.78e-15; M3= 4.47e-17; M4= 0.52e-20;
M5= 1.57e-12; M6= 0.41e-19; Best double couple:
M= 4.46e04x10^-16 NP1=125.000000; 881.000000;
lambda=1.000000; NP2=125.000000; 889.000000;
lambda=171.000000; Principal axes: T 4.8050, P1g5.00000;
Az=259.00000; N -0.6810, P1g81.00000; Az=134.00000;
P -4.1240, P1g7.00000; Az=350.00000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 08 17:12:39.9, 0.4, 19:54N-109:06W, h0.04, h10km,
n553, s19/452, mb4.7/101, MS4.1/30, 1C-2D, Revilla
Gigedo Islands region

Main table of station data with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like H06E, H06N, H06S1, H06S2, H06S11, H06S12, H06S13, H06S14, H06S15, H06S16, H06S17, H06S18, H06S19, H06S20, H06S21, H06S22, H06S23, H06S24, H06S25, H06S26, H06S27, H06S28, H06S29, H06S30, H06S31, H06S32, H06S33, H06S34, H06S35, H06S36, H06S37, H06S38, H06S39, H06S40, H06S41, H06S42, H06S43, H06S44, H06S45, H06S46, H06S47, H06S48, H06S49, H06S50, H06S51, H06S52, H06S53, H06S54, H06S55, H06S56, H06S57, H06S58, H06S59, H06S60, H06S61, H06S62, H06S63, H06S64, H06S65, H06S66, H06S67, H06S68, H06S69, H06S70, H06S71, H06S72, H06S73, H06S74, H06S75, H06S76, H06S77, H06S78, H06S79, H06S80, H06S81, H06S82, H06S83, H06S84, H06S85, H06S86, H06S87, H06S88, H06S89, H06S90, H06S91, H06S92, H06S93, H06S94, H06S95, H06S96, H06S97, H06S98, H06S99, H06S100.

Main table of station data with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like LENN, BNM, BAR, MONPZ, BLYC, 109C, 109C, 109C, BC3, 435B, 435B, 435B, PDMCI, MSTX, MSTX, TPFO, PFO, PFO, PFO, PFO, ANMO, ANMO, ANMO, ABTX, ABTX, ABTX, W18A, W18A, W18A, IRM, BELC, MURC, SC12, HKT, HKT, ELS, ELS, NEE2, WUAZ, WUAZ, WUAZ, CIS, WHTX, WHTX, BBRC, GMRC, CCIG, BFSC, HEC, HEC, SNCC, AMTX, AMTX, GSC, RRX, TUQ, GSC, GSC, SCZ2, EDW2, OSI, Z35A, CCAC, SHOC, SBC, LRMC, MVCO, MVCO, WNKQ, WNKQ, SHPR, QSM, ARVC, NATX, NATX, LCMT, LCMT, LOOK, LOOK, BCW, BCW, GWW, T25A, T25A, T25A, X34A, X34A, PKM, MPMC, PKCU, ISA, ISA, 441A, 441A, X32A, X32A, SZCU, SZCU.

Main table of station data with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CCUT, CCUT, SDCO, SDCO, SMMC, TPNV, TPNV, VES, ELIS, ELIS, PRN, PRN, PV13, Z38A, Z38A, CWC, MTPU, PV11, PV11, PV15, PV15, PV10, PV07, PV07, PV23, GRAC, GRAC, PAGB, PAGB, U32A, U32A, VOG, OK025, OK025, MVU, MSU, 342A, 342A, OK029, OK029, OK038, OK038, TCRU, TCRU, X37A, PSUT, Q16A, Q16A, MTO3, SRU, R11A, R11A, Q24A, Q24A, DEOK, SMCO, TMUT, TMUT, P17A, SPR3, SPR3, Z41A, MLAC, BBGB, MDPB, P18A, TUL1, TUL1, KAN01, KSCO, KSCO, MIAR, ISCO, ISCO, NV11, NVAR, NVAR, NLU, MPU, O20A, O20A, O20A, RYN, CBKS, CBKS, DUG, DUG, R32A, VBMS, KVN, RDMU, UALR, CTU, YERR, N23A, PNTR, PNTR, TGUH, WHAR.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SDPT Sand Point, CAST Castle Rocks, N18K Kilae Creek, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, PMS Palmer Station, DZM Mont Dzumac, etc.

IDC 08 17:18:51.9±2.8, 3.06S:77.98W, h0km, mb4.2/3, mbmp4.2/3, MS4.3/6, Error ellipse: s-maj=82.7km s-min=42.0km az=23.0

NEIC 08 17:49:08.7±1.8, 2.20S:0.06:77.49W:0.08, h157km±6km, mb4.5/18, Error ellipse: s-maj=12.3km s-min=8.1km az=61.0

ISC 08 17:19:14.6±0.6, 2.18S:0.06:77.45W:0.09, h150km±n45, ±187/30, mb4.0/11, Banda Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSC San Juan Bosco, PORT Chimborazo Vol, CHSH Refugio Sur-Vo, etc.

IDC 08 17:49:07.2±1.6, 5.35S:141.74E, h0km, mb3.9/4, mbmp3.9/4, MS3.7/3, Error ellipse: s-maj=234.9km s-min=20.1km az=81.0

NEIC 08 17:49:08.7±1.1, 5.35S:0.02:141.1E:0.4, h10km±2km, mb4.3/12, Error ellipse: s-maj=44.1km s-min=4.4km az=270.0

ISC 08 17:49:08.5±0.8, 5.33S:0.1:141.1E:0.3, h10km±n23, ±0561/17, mb4.3/9, MS3.7/3, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB12 IPOC Station P, PB11 IPOC Station P, GO01 IPOC Station P, etc.

IDC 08 17:37:54.7±1.3, 5.73S:130.99E, h0km, mb4.1/4, mbmp4.1/6, ML3.8/2, Error ellipse: s-maj=89.9km s-min=19.1km az=67.0

NEIC 08 17:38:08.0±2.3, 6.09S:0.06:130.8E:0.1, h124km±8km, mb4.3/21, Error ellipse: s-maj=14.6km s-min=9.3km az=62.0

ISC 17:38:08.0±0.5, 6.13S:0.05:130.71E:0.07, h124km±n64, ±198/64, mb4.1/11, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MTSU Mount Surprise, MBWA Marble Bar, MBWA Marble Bar, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, KLBR Kellerberrin, GSI Gunungsitoli, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, GAR Garm, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHGR Chuyangarr, KKAR Karatay Arr, GEYT Alibeck, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VOI Vohitsoka, VOI Vohitsoka, ABKAR Akbulak Arr, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CASY Casey, VNSA Vanda, VNSA Vanda, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, BELA Belgrano 2, BELA Belgrano 2, etc.

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

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

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

Table with 4 columns: Name, Time, Frequency, and other technical details for stations in the left column.

Table with 4 columns: Name, Time, Frequency, and other technical details for stations in the middle column.

Table with 7 columns: Code, Station Name, Time, Frequency, Phase ID, and other technical details for stations in the right column.

Table with columns: SMLA, comp=N,95nm,0.2s, IAML, 18 40 33.6, etc. Includes rows for SMLA, USP, TKM2, TARG, HRA, MDOK, CHKK, BTLS, UZB, KUDL, GEYT, etc.

TUL 08 18:41:55.3±1.5, 36.649N:0.010:97.75W:0.01, h7km±4km, ML2.7, mb_Lg2.7/43(NEIC), Error ellipse: s-maj=1.6km s-min=1.4km az=85.0

NEIC 08 18:41:55.2±1.0, 36.636N:0.010:97.74W:0.01, h5km±5km, Error ellipse: s-maj=1.6km s-min=1.3km az=172.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes rows for CROK, BK02, KAN14, etc.

Table with columns: QUOK, QUOK, NOKA, WYNOKA, etc. Includes rows for QUOK, NOKA, WYNOKA, BCOK, etc.

KRNET 08 18:47:19.7±0.1, 39.49N:73.83E, mb3.5 NINC 08 18:47:31.4±3.1, 39.84N:73.56E, h0km, mb3.7, mpv3.3

SOME 08 18:47:33.6, 39.78N:73.85E, h15km ISC 08 18:47:23.5±1.3, 39.53N:0.06:73.79E:0.03, h10km, n37

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes rows for OHH, BTk, ARLS, GAR, UCH, etc.

Table with columns: KST, Kastek, 3.88 24 eP, Pg, 18 48 40.5 +2.7, etc. Includes rows for KST, Kastek, BCOK, etc.

ANF 08 19:06:18.9±0.2, 35.05N:97.63W, h6km, ML3.7/10, Error ellipse: s-maj=2.7km s-min=2.2km az=161.0

TUL 08 19:06:18.4±2.0, 35.06N:0.02:97.61W:0.03, h6km, 6km, ML3.4, mb_Lg3.4/10(NEIC), Error ellipse: s-maj=3.5km s-min=2.1km az=123.0

NEIC 08 19:06:19.1±2.1, 35.097N:0.010:97.60W:0.02, h10km±5km, Error ellipse: s-maj=2.4km s-min=1.1km az=64.0

ISC 08 19:06:18.6±1.0, 35.088N:0.02:97.61W:0.03, h10km±9km, n113, h095/107, Oklahoma

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes rows for FNO, FNO, OKCWS, etc.

8d 20h

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TUL1, BLOK Blackwell, U32A Winter Ranch, etc.

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Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like 833A Chaparral WMA, Q24A Divide, S44A Carbondale, etc.

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Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DABV Dabajuro, DABV DABV, CRJC Cerrejon, Guaj, etc.

IPCC 08 20:03:38.9, 0.2, 50.23N:18.92E, h1km, ML2.6/4, Error ellipse: s-maj=2.4km s-min=1.0km az=167.0

PRU 08 20:03:39.7, 0.0, 50.21N:18.84E, h0km

VIE 08 20:03:39.1, 0.5, 50.18N:18.91E, h0km, mb2.4/7, ml2.6/5, ms3.2/2, Error ellipse: s-maj=5.2km s-min=3.2km az=144.0

MCSM 08 20:03:39.2, 0.3, 50.16N:18.91E, h1km, ML3.1/4, Error ellipse: s-maj=4.2km s-min=4.4km az=2.0

BGR 08 20:03:40.1, 0.2, 50.14N:18.99E, h0km, mbtmp3.3/4, ML2.6/4, Error ellipse: s-maj=40.3km s-min=9.9km az=132.0

ISC 08 20:03:38.3, 0.7, 50.26N:0.03x18.88E:0.02, h0km, n61, az=181.0, Hawaiian Islands

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

8d 21h

2016 JUL

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Frequency (MHz), Error (km/s), and Notes. Contains station data for the 8d 21h cycle.

Table with columns: Code, Station Name, Frequency (MHz), Error (km/s), and Notes. Contains station data for the 2016 JUL cycle.

Table with columns: Code, Station Name, Frequency (MHz), Error (km/s), and Notes. Contains station data for the 406 cycle.

ANF 08 21:31:57.0 ± 1.6, 36.52N, 98.69W, h3km, ML5, 3/22, Error ellipse: s-maj=3.5km s-min=3.3km az=106.0
TUL 08 21:31:57.6 ± 1.1, 36.48N, 98.74W, h2km, ML4.4, mb4.2(64)(NEIC), mb, Lg4.5(11)(NEIC), Mw4.2(52)(NEIC), Error ellipse: s-maj=2.4km s-min=2.0km az=124.0
NEIC 08 21:31:57.8 ± 1.2, 36.48N, 98.72W, h2km, ML5.0, Error ellipse: s-maj=2.3km s-min=1.1km az=101.0
IDC 08 21:31:58.1 ± 0.6, 36.52N, 98.78W, h0km, mb4.1/1.0, mbmp4.2(19), ML4.1/8, MS3.6/41, Error ellipse: s-maj=1.12km s-min=0.4km az=154.0
NEIC 08 21:31:58.5 ± 3.6, 36.48N, 98.60W, h8km, Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mr=0.28; Ms=2.77; Mw=2.43; Mn=0.04; Vb=0.18; Mw=1.00; Fault plane solution: M2.830000+1019 IP, NPF=311.120000; 8.74 18.0000; -1.4 14.0000; NP2=45.030000; 8.76 44.0000; -1.163 7.10000. Principal axes: T=2.7786, Plg2.0000; Azm178.0000; N=0.1060, Plg6.0000; Azm84.0000; P=-2.8846, Plg21.0000. Azm268.0000; ISC 08 21:31:57.7 ± 0.6, 36.51N, 98.79W, h0km, Azm1km, n459, t1951/428, mb4.1/12, MS3.7/31, Oklahoma

Table of 407 entries with columns for name, address, zip, phone, and status. Includes entries like OXF, W45A, W45A Hickory Valley, SUSD, SUSD Miller, etc.

Table of 407 entries with columns for name, address, zip, phone, and status. Includes entries like TCRU Three Creeks R, BRAL Brewton, L46A Cue Claire, etc.

Table of 407 entries with columns for name, address, zip, phone, and status. Includes entries like RYN Ryan, LPIG La Paz, S57A Dark Hollow R, etc.

Table with columns: STFD, Kangerlussuaq, 40.89 27 LR, LR, 21 56 32.1, etc. Includes stations like ATAH, BORG, JMJC, PIN, RSV, SEY, ARCES, etc.

Table with columns: CHKK, 121nm,0.4s, eS, Sb, 21 45 28.4 +2.1, etc. Includes stations like CHKK, KTBS, ARXS, etc.

Table with columns: APC, Apacha, 2.04 247 eP, Pn, 21 45 55.7 +1.7, etc. Includes stations like BZGR, KPT, KPT, etc.

KRNET 08 21:43:55.6 0.1, 411'27N:79'06E, mb2.7
SOME 08 21:43:55.9, 4135N:79'03E, h10km

KRSC 08 21:45:20.0 0.5, 53'73N:160'40E, h95km, 7km, ML4.5
NEIC 08 21:45:21.9 2.1, 53'93N:0'09:159'9E:0.1, h98km, 7km,

MJAR Matushiro Arr 23.04 231 P P 21 50 18.0 +0.5
MJAR Matushiro Arr 23.04 231 P P 21 50 18.6 +1.1

ISC 08 21:45:21.0 0.6, 53'76N:160'27E, h99km, mb3.9/9, Error ellipse: s-maj=10.9km s-min=4.9km az=68.5
IDC 08 21:45:23.6 1.3, 53'91N:159'83E, h116km, 11km, mb3.5/16, mbtmp3.9/17, Error ellipse: s-maj=18.4km s-min=14.6km az=126.0

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists numerous stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like La Tuque, Lajitas Array, GERES GERESS Array B, etc.

IDC 08 22:01:52.8z.0.51176N:174.04W, h0km, mb3.8/1, mtbtp3.8/12, ML4.0/1, Error ellipse: s-maj=57.1km...

NEIC 08 22:01:55.6z.1.65114N:0.06174W:0.03h24km,8km, Error ellipse: s-maj=8.5km s-min=2km az=173.0

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Atka Island, ATKA, ATKA, ATKA, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CEAR Semis' Anvil P, SHEM Shemya Is, SHEM Shemya Is, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSH Kashi, CMAR Chiang Mai Arr, AKASO Malin Array Be, etc.

8d 22h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like OK009, OK005, OK033, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like FCAR, WLAR, R40A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like HDIL, RWVY, 121A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res. Includes stations like SADO, L56A, M57A, NEW, etc.

REN 08 22:30:27.0 ± 1.5, 38.72N ± 0.02, -116.16W ± 0.01, h0km, 7km, ML2.6/1, ML2.1/30(NEIC), Error ellipse: s-maj=3.6km s-min=1.3km az=160.0

NEIC 08 22:30:26.7 ± 1.1, 38.75N ± 0.02, -116.15W ± 0.02, h2km, 9km, Error ellipse: s-maj=2.6km s-min=2.2km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res. Includes stations like R11A, Q09A, etc.

IGIL 08 22:33:19.2, 32°59'N, 15°94'W, h2km, ML2.8 MDD 08 22:33:19.8 ± 0.3, 32.55N ± 15.87W, h30km, Mb4.77, M_md4.1/7, Error ellipse: s-maj=4.9km s-min=2.1km az=119.0

INMG 08 22:33:21.9 ± 1.3, 32°60'N, 15°98'W, h10km, ML3.0, Error ellipse: s-maj=3.1km s-min=2.3km az=96.0

CNRM 08 22:33:30.9, 32°40'N, 14°98'W, h163km ISC 08 22:33:15.9 ± 0.7, 32.56N ± 0.04, 15.92W ± 0.04, h35km, n51, ±290/79, 7C-3D, Madeira Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res. Includes stations like Porto Santo, Funchal, Madeira, etc.

IDC 08 22:34:03.1 ± 1.8, 60.18N ± 153.33W, h107km, 28km, mb3.1/1, mbmp3.5/5, Error ellipse: s-maj=40.5km s-min=11.2km az=105.0

NEIC 08 22:34:03.5 ± 1.4, 60.10N ± 0.04, 153.46W ± 0.08, h156km, 4km, Error ellipse: s-maj=5.9km s-min=5.8km az=159.0

AEIC 08 22:34:04.6 ± 1.2, 60.09N ± 0.04, 153.43W ± 0.08, h152km, 4km, ML2.9/142, ML3.2/128(NEIC), Error ellipse: s-maj=6.2km s-min=5.6km az=151.0

ISC 08 22:34:04.1 ± 1.0, 60.09N ± 0.03, 153.42W ± 0.03, h150km, 5km, n174, ±1906/181, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res. Includes stations like Iliamna South, Iliamna Volcan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res. Includes stations like Augustine Isla, Augustine Moun, etc.

Table with columns: RND, comp, Station Name, Az, Phase ID, Time, Res. Includes stations like Tolsona, Glenn, M24K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like West end E0370, NOKA Waynoka, etc.

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

TUL 08 22:47:37.3±1.3, 36°47'N, 0°05:98.76'W, 0.07, h7km, 6km, ML2.6, mb, Lg2.0/8(NEIC), Error ellipse: s-maj=7.8km

NEIC 08 22:47:37.2±1.7, 36°45'N, 0°04:98.77'W, 0.07, h12km, 6km, Error ellipse: s-maj=8.6km s-min=5.0km az=104.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like West end E0370, U32A Winter Ranch, etc.

IDC 08 22:51:13.8±9.2, 25°72'S, 129°63'E, h0km, mbtmp3.7/3, ML3.8/3, Error ellipse: s-maj=102.8km s-min=43.6km az=80.0

AUST 08 22:51:16±1.0, 7°25'58"S, 129°83'E, h0km, Error ellipse: s-maj=9.2km s-min=6.7km az=30.0

NOU 08 22:51:18.0±1.0, 25°57'S, 129°89'E, h7km, MLV4.4/9, Northern Territory, Australia

ISC 08 22:51:17.1±1.0, 8, 25°61'S, 0°06:129.82'E, 0.04, h10km, n30, 1577/42, Northern Territory

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

IDC 08 22:37:57.5±2.2, 1°36'N, 126°40'E, h0km, mb3.2/3, mbtmp3.2/3, Error ellipse: s-maj=180.1km s-min=27.4km az=65.0, Northern Molucca Sea

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

KRNET 08 22:44:03.0±2.0, 1, 39°49'N, 73°58'E, mb2.9, SMOE 08 22:44:04.6, 39°63'N, 73°13'E, h5km

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBOO, BBOO, KNRA, QIS, HTT, etc.

TUL 08 22:52:24.5: 1.1, 36.48N:0.01:98.74W:0.02, h1km, 1km, ML2.8, mb, Lg2.4/23(NEIC), Error ellipse: s-maj=2.2km s-min=1.9km az=144.0

NEIC 08 22:52:24.7: 1.0, 36.49N:0.01:98.73W:0.02, h10km, 2km, Error ellipse: s-maj=2.6km s-min=1.6km az=118.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK038, OK038, NOKA, OK035, etc.

IDC 08 22:58:39.3: 3.2, 52.83N:169.84W, h0km, mb3.5/3, mbmp3.6/4, ML3.0/1, Error ellipse: s-maj=74.4km s-min=39.8km az=24.0

AEIC 08 22:58:43.5: 1.8, 52.27N:0.06:169.59W:0.07, h26km, 7km, ML3.2/22, Error ellipse: s-maj=8.8km s-min=5.1km az=156.0

NEIC 08 22:58:45.9: 1.8, 52.4N:0.2:169.6V:0.1, h42km, 32km, Error ellipse: s-maj=26.5km s-min=2.1km az=156.0

ISC 08 22:58:45.3: 1.8, 52.42N:0.2:169.65W:0.08, h47km, 18km, n45, c1525/41, mb3.5/3, Fox Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TASE, SDPT, CNBA, AMKA, etc.

IDC 08 23:04:33.7: 2.1, 52.42N:169.75W, h0km, mb3.5/4, mbmp3.6/6, ML2.5/2, Error ellipse: s-maj=58.5km s-min=26.7km az=11.0

AEIC 08 23:04:37.9: 1.5, 52.4N:0.1:169.82W:0.10, h57km, 9km, ML3.1/22, Error ellipse: s-maj=22.2km s-min=5.5km az=162.0

NEIC 08 23:04:38.6: 1.8, 52.3N:0.2:169.7W:0.2, h42km, 44km, Error ellipse: s-maj=32.9km s-min=5.9km az=155.0

ISC 08 23:04:38.5: 1.3, 52.32N:0.1:169.72W:0.05, h36km, 2km, n45, c1525/34, mb3.5/4, Fox Islands

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

IDC 08 23:09:26.4: 1.2, 52.71N:169.44W, h0km, mb3.6/7, mbmp3.6/8, ML3.3/1, Error ellipse: s-maj=33.7km s-min=23.8km az=1.0

NEIC 08 23:09:28.9: 2.3, 52.24N:0.05:169.57W:0.07, h21km, 13km, ML3.6/6, ML3.2/19(AEIC), Error ellipse: s-maj=18.8km s-min=3.9km az=147.0

AEIC 08 23:09:29.3: 3.2, 52.24N:0.05:169.58W:0.05, h26km, 7km, Error ellipse: s-maj=8.3km s-min=3.9km az=164.0

ISC 08 23:09:28.5: 1.0, 52.22N:0.1:169.53W:0.06, h21km, 6km, n42, c147/41, mb3.5/3, Fox Islands

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

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

NEIC 08 23:13:52.0: 2.3, 53.54N:141.00E, h61km, MW3.6, Moment Tensor Solution, s3 Moment tensor, Scale 10^14 Nm

MOS 08 23:16:44.9: 1.0, 8.56N:125.82E, h28km, mb5.1/43, MS4.5/16, Error ellipse: s-maj=8.6km s-min=4.0km az=121.6

BUII 08 23:16:44.5: 0.0, 8.61N:126.01E, h22km, mb4.8/68, MB4.9/52, MS4.7/75, Ms7.4/572

IDC 08 23:16:47.1: 1.7, 8.52N:125.83E, h35km, 13km, mb4.5/29, mbmp4.7/30, ML4.6/3, MS4.2/68, Error ellipse: s-maj=16.1km s-min=9.4km az=79.0

MAN 08 23:16:50.8: 0.1, 8.49N:125.69E, h57km, Ms5.3, DJA 08 23:16:50.4: 0.9, N:3°12'E, h51km, 4km, MS.3/102, mb5.7/67, mb5.3/102, ML1.6/16, mb(mb)5.3/67, Mw(Mw)5.0/19, Mw(Mw)5.2/19

GCMT 08 23:16:50.8: 0.1, 8.55N:0.01:125.78E:0.01, h39km, MW5.4/140, Moment Tensor Solution, s109.c184; s140.c249; Duration: 1s2; Moment tensor: Scale 10^17 Nm; Mn=0.63±0.2; Mw0.32±0.2; Mw0.31±0.2; Mw0.40±0.2; Mw0.98±0.1; Mw-0.88±0.2; Best double couple: Mo:1.46900x10^17 NP1:0.260,00000; 0.850,00000; 0.270,00000; NP2:0.8,00000; 0.69,00000; 0.137,00000

Principal axes: T: 1.3690, Plg12.0000; Azm130.0000; N: 0.2000, Plg43.0000; Azm28.0000; P: -1.5690, Plg45.0000; Azm23.0000; nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface waves, cutoff=50s.

ISC 08 23:16:49.6: 0.5, 8.44N:0.02:125.76E:0.03, h51km, 3km, n875, c137/867, mb5.1/238, MS4.4/109, 25C-41D, Mindanao

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

IDC 08 23:19:49.6: 0.5, 8.44N:0.02:125.76E:0.03, h51km, 3km, n875, c137/867, mb5.1/238, MS4.4/109, 25C-41D, Mindanao

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

8d 23h

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Table with columns: KUU, comp-Z, 73nm, 1.2s, pmax, pmax, 55.53 318 eP, P, 23 26 18.9 -0.9, etc.

Table with columns: AKTO, Aktuyubinsk, 69.41 321 LR, LR, 00 00 35.0, etc.

Table with columns: NCK, baz=267, Nalchik, 78.57 313j eP, P, pmax, 23 28 44.9 -1.1, etc.

Table with columns for station code, name, frequency, and signal quality. Includes stations like KLMM, KLMO, KLNR, etc.

Table with columns for station code, name, frequency, and signal quality. Includes stations like M26K, BGCL, MCARA, etc.

Table with columns for station code, name, frequency, and signal quality. Includes stations like MNK, MNC, MNS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRG Berggiesshubel, CLL Colim, CLL Colim, CKRC Cesky Krumlov, etc.

NOU 08 23:16:59.4, 14.68S:167.34E, h116km, mb4.0/8, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOUNC Koumac, NZM Dumzum, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CROK Carrier, KAN14 Manchester OK, G002 Grant County, etc.

TUL 08 23:27:12.2e-1.0, 36.48N:0.03:98.74W:0.02, h7km, 6km, ML3.1, mb_Lg2.74z(NEIC), Error ellipse: s-maj=4.4km s-min=2.4km az=162.0

NEIC 08 23:27:12.5e-1.1, 36.48N:0.03:98.74W:0.02, h6km, 6km, Error ellipse: s-maj=4.1km s-min=2.5km az=149.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK038 West end E0370, NOKA Waynoka, U32A Winter Ranch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OJBR Djebel Berber, OJUA Bouhanifia, OJGS Djebel Guires, etc.

IGL 09 00:18:13.8, 35.33N:3.73W, h0km, ML2.8 MDD 09 00:18:14.5e-0.5, 35.33N:3.73W, h14km, 5km, mb_Lg3.2/29, Error ellipse: s-maj=6.7km s-min=2.0km az=167.0

CNRM 09 00:18:14.8, 35.67N:4.02W, h0km, ml3.2 SFS 09 00:18:14.0, 35.32N:3.72W, h14km, ML3.2, ALHUCEMAS (MARRUCUOS)

INMG 09 00:18:15.9e-1.5, 35.49N:3.76W, h9km, 6km, ML2.9, Error ellipse: s-maj=5.6km s-min=3.6km az=156.0

LDG 09 00:18:15.7, 0.3, 35.34N:3.68W, h14km, ML2.7/3, Error ellipse: s-maj=7.4km s-min=3.0km az=176.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALE Palesmas, WMLL Melilla, EMEL Melilla, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like TR25A, MIAR, BGNE, etc.

IDD 09 01:08:00.5, 0.8, 38.8, 62S, 176.90E, h45km, mb3.74, mbmp3.4, 0.5, ML3.4/1, MS3.2/1, Error ellipse: s-maj=26.8km s-min=13.4km az=118.0

NEIC 09 01:08:02.4, 1.3, 38.8, 64S, 0.08, 176.8E, 0.1, h47km, 5km, mb4.5/16, ML4.0(WEL), Error ellipse: s-maj=15.8km s-min=7.8km az=127.0

WEL 09 01:08:03.8, 0.3, 38.8, 31, 17.7E, h37km, 4km, M4.0/40, ML4.3/40, ML4.0/40, Error ellipse: s-maj=0.0km s-min=0.0km az=174.1

ISC 09 01:08:02.8, 0.6, 36.35S, 0.03, 176.88E, 0.03, h64km, 4km, n183, e1941/195, mb4.4/12, North Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like RTZ, MUGZ, MTHZ, URZ, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like MXZ, WPHZ, HIZ, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like KDTR, ASAK, MTRV, etc.

IDD 09 01:29:00.1, 2.2, 31.89S, 71.05W, h0km, mb4.1/2, mbmp3.8/6, ML3.6/4, MS2.8/2, Error ellipse: s-maj=49.9km s-min=37.5km az=109.0

GUC 09 01:29:03.8, 0.8, 31.80S, 71.64W, h39km, 2km, ML3.7

ISC 09 01:29:03.7, 1.3, 31.79S, 0.03, 71.48W, 0.08, h28km, 10km, n28, e186/36, 14C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like CO02, VA06, CO06, etc.

ANF 09 02:04:26.8, 1.3, 36.49N, 98.70W, h1km, 11km, ML5.7/24, Error ellipse: s-maj=3.0km s-min=2.9km az=105.0

IDD 09 02:04:27.2, 0.5, 36.54N, 98.90W, h0km, mb4.0/16, mbmp4.1/26, ML3.8/9, MS3.7/50, Error ellipse: s-maj=8.8km s-min=8.8km az=143.0

TUL 09 02:04:27.4, 0.9, 36.46N, 0.02, 98.76W, 0.05, h7km, 5km, ML4.9, mb4.2/62(NEIC), mb_L4.9/115(NEIC), Mw4.4/88(NEIC), Error ellipse: s-maj=5.7km s-min=3.1km az=93.0

NEIC 09 02:04:28.7, 1.0, 36.46N, 0.02, 98.70W, 0.05, h10km, 5km, Error ellipse: s-maj=5.9km s-min=3.1km az=91.0

NEIC 09 02:04:28.8, 36.47N, 98.70W, h8km, Moment Tensor

Solution. Moment tensor: Scale 10^15Nm; M-r=1.13; Mw=4.93; Ms=3.80; Mo=0.21; Mw=0.23; Mr=1.14; Fault plane solution: M=4.630000*1015 NP1=314.770000*, 574.490000*, lambda=13.410000*, NP2=48.410000*, 877.090000*, lambda=164.070000*, Principal axes: T 4.9417, Plg2.00000*, Azm181.00000*, N -0.7163, Plg70.00000*, Azm86.00000*, P -4.2254, Plg20.00000*, Azm272.00000*

ISC 09:02:04:26:5:1.0,36:45N:0.02:98:65W:0.02,h1km,7km, N392, s199/373, mb4.0/2.0, MS3.8/42, Oklahoma

Table with columns: Code, Station Name, Azimuth, Distance, Phase ID, Time, Residual, ISC Code. Lists various seismic stations and their recorded data.

Table with columns: KSC0, Keye Shedlock, Azimuth, Distance, Phase ID, Time, Residual, ISC Code. Lists seismic stations and their recorded data.

Table with columns: LCAR, Lake Charles, Azimuth, Distance, Phase ID, Time, Residual, ISC Code. Lists seismic stations and their recorded data.

Table with columns: Station ID, Name, Frequency, Power, Class, Direction, Date/Time, and other parameters. Includes stations like HDIL Hopedale, RWVY Rawlins, 121A Cookes Peak, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, Direction, Date/Time, and other parameters. Includes stations like P52A Corning, R53A Hurricane, GLMI Grayling, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, Direction, Date/Time, and other parameters. Includes stations like MNTQ Montreal, VT1 Waterbury, BBB Bella Bella, etc.

IDC 09 02:10:04.9-1.2, 30.66N, 130.62E, h63km, 11km, mb3.6/19, mbmp4.0/25, MS3.3/4, Error ellipse: s-maj=15.4km, s-min=8.4km az=100.0

NIED 09 02:10:05.05, 30.72N, 130.67E, h61km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn-0.94; Mw-1.42; Mw-0.49; Mo-0.26; Mw-0.67;

Fault plane solution: M1: S200D, 1015 NP1; M2: 129 000D, 37 0000D, 1-38 0000D, NP2; M3: 247 0000D, 863 0000D, 1-130 0000D

JMA 09 02:10:05.5-0.1, 30.7N, 130.7E, 0.3, h61km, MD4.0/37, MW4.1/37, NEAR TANEGASHIMA ISLAND

JMA Fell II J1 at NEAR TANEGASHIMA ISLAND

ISC 09 02:10:05.3-0.6, 30.68N, 130.66E, 0.05, h65km, 6km, n56, c083/52, mb3.9/19, 10D, Kyushu

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

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

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

TUL 09 02:30:59.8-0.9, 36.46N, 126.16E, h0km, mb3.6/3, ML2.5, mb, Lg2.315(NEIC), Error ellipse: s-maj=4.1km, s-min=1.0km az=140.0

NEIC 09 02:30:59.7-0.9, 36.47N, 126.16E, h0km, mb3.6/3, Error ellipse: s-maj=4.2km s-min=3.4km az=162.0, Oklahoma

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

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

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

ANF 09 02:51:15.9-0.2, 36.41N, 98.75W, h8km, ML3.8/11, Error ellipse: s-maj=2.6km s-min=2.0km az=3.0

TUL 09 02:51:15.1-0.7, 36.46N, 126.16E, h0km, mb3.6/3, ML3.4, mb, Lg3.175(NEIC), Error ellipse: s-maj=4.9km, s-min=1.4km az=85.0

NEIC 09 02:51:15.0-0.6, 36.44N, 126.16E, h0km, mb3.6/3, Error ellipse: s-maj=2.4km s-min=2.4km az=102.0

ISC 09 02:51:15.0-0.6, 36.44N, 126.16E, h0km, mb3.6/3, Error ellipse: s-maj=2.4km s-min=2.4km az=102.0

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

TUL 09 02:30:59.8-0.9, 36.46N, 126.16E, h0km, mb3.6/3, ML2.5, mb, Lg2.315(NEIC), Error ellipse: s-maj=4.1km, s-min=1.0km az=140.0

NEIC 09 02:30:59.7-0.9, 36.47N, 126.16E, h0km, mb3.6/3, Error ellipse: s-maj=4.2km s-min=3.4km az=162.0, Oklahoma

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

TUL 09 02:21:34.1-0.6, 36.453N, 0.00498E, h0km, mb3.6/3, ML3.1, mb, Lg2.8/43(NEIC), Error ellipse: s-maj=5.5km, s-min=0.7km az=92.0

NEIC 09 02:21:34.5-0.9, 36.45N, 126.16E, h0km, mb3.6/3, Error ellipse: s-maj=4.5km s-min=2.6km az=96.0, Oklahoma

IDC 09 02:47:45.3-2.8, 8.59N, 126.16E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=256.8km s-min=28.3km az=66.0

MAN 09 02:47:52.8-1.1, 8.46N, 125.70E, h64km, M3.7, ISC 09 02:47:54.1-1.0, 8.43N, 125.76E, 0.05, h63km, 10km, n27, c28/1738, mb3.5/3, 12C-5D, Mindanao

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Muleshoe, J Bar K, Exete, Mt. Pleasant, Bolivar, Lake Whitney, Mount Ida, etc.

TUL 09 03:24:36.5 0.8, 36.48N, 0.03:98.74W, 0.07, h6km, 5km, ML2.5, mb, Lg1.9/9(NEIC), Error ellipse: s-maj=7.9km

NEIC 09 03:24:37.0 1.2, 35.52N, 0.04:98.72W, 0.06, h12km, 7km, Error ellipse: s-maj=7.5km s-min=5.1km az=125.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like West end E0370, E0210 Rd and N, Winter Ranch, etc.

IDC 09 03:26:37.3 4.0, 35.89N, 71.41E, h68km, 33km, mb3.3/7, mbmp3.6/12, ML3.4/5, MS3.1/1, Error ellipse: s-maj=33.4km s-min=24.9km az=169.0

NNC 09 03:26:48.4 0.3, 36.38N, 70.39E, h10km, mb4.2, mpv4.5, Error ellipse: s-maj=39.3km s-min=17.1km az=135.0

ISC 09 03:26:40.6 0.6, 36.23N, 0.06:71.19E, 0.06, h100km, n23, r32/7, mb3.3/3, 3C-3D, Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Jammu, Thein Dam, Bhakra, Karatay Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ALIBECK ARRAY, Kamachni Array, Kurchatov Arra, etc.

TUL 09 03:27:20.3 0.5, 35.66N, 0.01:97.16W, 0.01, h5km, 6km, ML2.6, mb, Lg2.0/16(NEIC), Error ellipse: s-maj=1.8km s-min=1.5km az=139.0

NEIC 09 03:27:20.6 0.7, 35.68N, 0.02:97.18W, 0.02, h8km, 1km, Error ellipse: s-maj=3.7km s-min=1.4km az=134.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Luther M Schoo, Westminister Rd, etc.

TUL 09 03:27:26.6 0.6, 36.46N, 0.02:98.77W, 0.04, h7km, 7km, ML3.3, mb, Lg2.8/6(NEIC), Error ellipse: s-maj=4.4km s-min=2.9km az=106.0

NEIC 09 03:27:26.0 0.6, 36.45N, 0.02:98.75W, 0.03, h6km, 7km, Error ellipse: s-maj=4.2km s-min=2.9km az=114.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like West end E0370, NOKA Waynoka, etc.

TUL 09 04:39:37.4 1.1, 77.03N, 18.86E, h12km, 10km, ML3.2 BER 09 04:39:39.6 2.0, 77.02N, 18.75E, h20km, 6km, ML2.7, ML3.2(N/AO), Confirmed Earthquake

IEPN 09 04:39:40.0, 77.12N, 20.18E, h10km KOLA 09 04:39:42.1, 76.95N, 20.38E, h10km, ML2.5

ISC 09 04:39:37.0 0.7, 77.05N, 18.86E, h189E, 0.04, h10km, n29, r28/0/52, 1C, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Cedar Bluff, Love County, Amarillo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Gravette, Hobbs, Abity, Kaye Shadlock, etc.

TUL 09 04:33:16.4 1.5, 36.46N, 0.02:98.77W, 0.03, h6km, 5km, ML2.7, mb, Lg2.3/24(NEIC), Error ellipse: s-maj=4.6km s-min=1.7km az=134.0

NEIC 09 04:33:16.5 1.1, 36.47N, 0.04:98.74W, 0.05, h8km, 6km, Error ellipse: s-maj=7.2km s-min=4.1km az=130.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like West end E0370, NOKA Waynoka, etc.

TUL 1 Leonard 2.45 100 Iamb_Lg 04 35 09.1

AMTX Amarillo 2.87 237 Pn 04 34 54.3

RLO Rose Lookout 3.02 95 Iamb_Lg 04 34 53.8

KSU1 Kansas State U 3.12 32 Pn 04 34 06.2 +0.2

X37A Clayton 3.33 123 Iamb_Lg 04 35 07.3

X38A Gravette 3.51 89 Iamb_Lg 04 35 14.7

ABTX Abilene, Hawle 3.91 191 Pn 04 34 17.3 +0.5

MSTX Muleshoe 4.13 234 Iamb_Lg 04 35 31.9

S39A Bolivar 4.50 73 Pn 04 34 26.0 +1.1

P40A Paris 6.11 58 Iamb_Lg 04 36 36.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Hornsund (broa), etc.

9d 6h

Table of meteorological data for 9d 6h, listing stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc. with various columns for time, location, and status.

Table of meteorological data for IDC 09 05:40:26.8... listing station names, times, and locations.

SOME 09 05:43:56 1.39 53N-73 75E, h15km, KRNET 09 05:43:56 0.0 1.39 46N-73 67E, mb3.7

ISC 09 05:43:57.3-1.1, 39.53N-0.05-73.65E, h0km, n60, <295/92, 18C-16D, Tajikistan-Xinjiang border region

Table of meteorological data for OHH, DRK, ARLS, AML, GAR, UCH, EKS2, AAK, MRKS, etc. with columns for station name, time, and location.

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Main table of meteorological data for July 2016, listing stations like MRKS, KBK, ULHL, BOOM, CHMS, etc. with columns for time, location, and status.

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Table of meteorological data for ARXS, PDGK, BLB, DJR, etc. with columns for station name, time, and location.

IDC 09 05:52:06.1-1.1, 37.11N-52.94E, h0km, mb3.6/2, mbtmp3.6/2, MS3.4/4, Error ellipse: s-maj=673.7km

Table of meteorological data for LBTB, H08S1, H08S2, H08S3, TSUM, MBAR, H01W2, H01W3, H01W1, ASAR, STKA, WRA, ILAR, etc. with columns for station name, time, and location.

IDC 09 05:57:56.5-1.0, 21 32S-68 14W, h117km, 12km, mb3.7/3, mbtmp3.9/7, MS3.3/1, Error ellipse: s-maj=31.1km

GU 09 05:57:57.6-0.8, 21 22S-68 49W, h125km, 6km, ML3.7

ISC 09 05:57:56.0-0.8, 21 22S-68 00A-68 42W, 0.06, h125km, 8km, region

Table of meteorological data for PB09, PB09, PB01, LVC, LVC, LVC, LVC, LVC, LVC, PB07, PATCX, GO01, AF01, PB06, PB06, PB11, PB11, PB04, PB04, PB15, PB10, PB10, LAZ, SIV, SIV, PLCA, BDFB, TXAR, SNA, TORD, YKA, MKAR, etc. with columns for station name, time, and location.

MDD 09 06:02:27.3-1.1, 37.27N-13 36W, h30km, Mb3.9/11, M_mb3.2/11, Error ellipse: s-maj=8.8km s-min=5.8km az=50.0

INMG 09 06:02:28.6-1.5, 37.01N-13 45W, h10km, ML2.4, Error ellipse: s-maj=9.6km s-min=6.7km az=87.0

ISC 09 06:02:22.8-3.6, 37.3N-0.1-13.3W, 0.2, h10km, n37, <243/55, 11C, Azores-Cape St. Vincent Ridge

Table of meteorological data for PFV1, PFV1, PMAFR, PMAFR, etc. with columns for station name, time, and location.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sao Teotonio, Morfe, Mesjejana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, etc.

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

Table with columns: WMOK, Wichta Mounta, 1.90 213 P, Pn, 07 11 11.9 +0.7, etc.

MOS 09 07:15:30.7±0.7, 36.88N:30.50E, h103km, mb4.4/16, Error ellipse: s-maj=8.0km s-min=4.6km az=75.6

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

Table with columns: CAEL, Kastellorizon, 1.04 226 P, Pn, 07 15 53.4 +1.0, etc.

Table with columns: AKMS, 7.7nm,0.4s, AML, AML, 07 16 43.5, etc.

Table with columns: ILAR, Eielson Array, 78.66 359 P, P, 07 27 21.9 -1.0, etc.

IDC 09 07:27:39.2±0.7, 5.21N, 125.80E, h90km, 5km, mb3.9/15, mbmp4.2/16, MS2.9/3, Error ellipse: s-maj=29.7km s-min=10.4km az=80.0

DJA 09 07:27:39.8±0.8, 5.1N, 126.15E, h111km, 14km, M4.7/10, Mw4.8/7, mB5.1/6, MLV4.7/10, Mw(mB)4.4/6, MwMwp7.1/1, Mwps.9/1

MAN 09 07:27:40.5±0.7, 5.21N, 126.15E, h57km, Ms3.7, NEIC 09 07:27:40.2±0.2, 5.25N, 126.15E, 0.1, h94km, 7km, mb4.5/23, Error ellipse: s-maj=16.4km s-min=8.6km az=72.0

ISC 09 07:27:40.2±0.6, 5.20N, 126.05E, h126km, 5km, n81, c185/99, mb4.4/29, 10C-3D, Mindanao

Main station list table for the first section, including stations like Don Marcelino, General Santos, Sangihe, etc.

Table with columns: CAN Canberra, 45.72 154 P, P, 07 35 53.8 +1.5, etc.

IDC 09 07:56:00.1±1.2, 27.77N, 66.31E, h0km, mb3.4/7, mbmp3.5/8, ML3.2/1, MS3.0/7, Error ellipse: s-maj=28.6km s-min=25.6km az=103.0

ISC 09 07:56:01.3±1.1, 27.77N, 66.26E, 0.2, h10km, n13, c134/8, mb3.4/7, MS3.0/4, Pakistan

Main station list table for the second section, including stations like Melozitna Rive, Lake Benmore, etc.

Table with columns: WSAR, 0.3nm, 0.3s, baz=61, slow=5.1, SNR=2.1, etc.

IDC 09 08:07:21.1±2.3, 8.30S, 74.37W, h146km, 29km, mb3.2/3, mbmp3.5/7, Error ellipse: s-maj=31.1km s-min=12.2km az=51.0

VAO 09 08:07:22.9±0.7, 8.57S, 74.39W, h142km, 5km, mb3.7, ISC 09 08:07:22.0±0.7, 8.41S, 74.40W, 0.06, h147km, n21, c1563/26, mb3.5/3, Peru-Brazil border region

Main station list table for the third section, including stations like Cruzeiro do Sul, Atahualpa, etc.

Table with columns: KUR, comp, N, 160nm, 0.5s, smax, smax, Pn, 08 32 51.0 +0.1, etc.

IDC 09 08:35:02.3-0.6, 65.73N-166.11W, h0km, mb4.1/25, mbmp4.2/29, ML4.3/4, MS3.5/15, Error ellipse: s-maj=16.3km s-min=8.3km az=1.0

NEIC 09 08:35:02.9-1.7, 65.82N-166.18W, h0.0, h19km, 5km, Error ellipse: s-maj=7.5km s-min=1.9km az=139.0

AEIC 09 08:35:02.2-7.6, 65.70N-166.13W, h0.0, h27km, 5km, ML4.8, mb4.5/38(NEIC), ML4.9/12(NEIC), Error ellipse: s-maj=5.8km s-min=3.9km az=185.0

MOS 09 08:35:03.0-1.8, 65.98N-165.48W, h15km, mb4.5/25, Error ellipse: s-maj=15.4km s-min=9.1km az=117.8

ISC 09 08:35:02.8-0.3, 65.76N-166.04, h165.90W, 0.03, h10km, n363.1542/376, mb4.4/59, MS3.6/15, 13C, Northern Alaska

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

Main table with columns: M19K, Big River Lodg, 6.39 122, Pn, 08 36 37.8 +1.0, etc.

Table with columns: baz=309, BMAR, Burnt Mountain, 8.64 69, Pn, 08 37 06.5 -1.2, etc.

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Table with columns: MA2, 8ghad, 20.47 273ceP, Pn, 08 39 43.5 +1.2, etc. Includes stations like MA2, PETK, YKA, YKA, YKA, etc.

Table with columns: SCHG, Schefferville, 45.15 54 P, P, 08 43 19.6 +0.6, etc. Includes stations like ANMO, ANMO, ANMO, etc.

Table with columns: MDT, Midelt, 80.68 16 LR, LR, 09 24 57.9, etc. Includes stations like MDP, Montagnes des, etc.

IDC 09 08:37:58.6:2.3, 728S:131.12E, h0km, mb3.7/1, mbtmpt3.3/3, ML3.3/2, Error ellipse: s-maj=111.8km s-min=29.8km az=71.0, Tanimbar Islands region

MOS 09 08:45:07.9:1.0, 85:23N:12:49E, h10km, mb4.6/23, Error ellipse: s-maj=89.1km s-min=6.1km az=90.9

IEPN 09 08:45:11.0, 85:20N:16:60E, h10km, BER 09 08:45:16.1:3.5, 84:70N:14:95E, h10km, ML3.0, ML4.7(NAO)

ISC 09 08:45:09.8:0.3, 85:15N:0:04, 13:69E:0:04, h10km, n218, e218/216, mb4.4/68, MS3.7/52, 9C-2D, North of Svalbard

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, etc. Includes stations like NOR, NOR, NOR, etc.

Table of astronomical observations including station names (ARCES, KIF, KTK1, etc.), object names (ARCES, KIF, etc.), coordinates (comp-Z, 0.9nm, 0.3s), magnitudes (16.29, 17.1), and various flags (eP, Pn, P).

Table of astronomical observations including station names (MNNK, MNK, MNR, etc.), object names (MNNK, MNK, MNR, etc.), coordinates (comp-Z, 10.0nm, 0.6s), magnitudes (08 51 36.4), and various flags (iS, SSS, pmax).

Table of astronomical observations including station names (WMO, NEW, BOBA, etc.), object names (WMO, NEW, BOBA, etc.), coordinates (comp-Z, 1.00nm, 25.7s), magnitudes (45.24, 315), and various flags (LR, LR, P).

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORD, CMIG, ASAR.

AEIC 09 08:46:23.24, 6.65:167N:0.06:166.1W:0.1, h23km, 7km, ML3.6, mb3.8/2(NEIC), ML3.8/10(NEIC), Error ellipse: s-maj=9.3km, s-min=4.8km, az=145.0

NEIC 09 08:46:23.61, 6.45:82N:0.09:166:2W:0.1, h18km, 6km, Error ellipse: s-maj=13.3km, s-min=7.3km, az=155.0

ISC 09 08:46:22.81, 0.65:300N:0.07:166:16W:0.05, h10km, n97, b=77/100, Northern Alaska

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like TNA, ANM, GCSA, IM03, etc.

SKAG Skagway 15.40 100 Pn Iamb 08 49 59.5 -0.3
MA2 Magadan 20.36 273 P Iamb 08 50 56.2 -2.8

HEL 09 08:48:53.9:0.4, 61.03N:28:84E, h0km, ML1.6, Explosion, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RUFJ, VJF, FIAO, etc.

PRU 09 08:51:33.3:0.0, 50.08N:19:10E, h0km, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKC, MORC, VYHS, etc.

IDC 09 08:52:09.2:1.1, 32.35N:130:61E, h0km, mb3.4/4, mtbtp3.4/7, ML3.0/3, MS3.1/3, Error ellipse: s-maj=32.5km

NEIC 09 08:52:09.6:0.0, 32:4N:0.1:130:6E:0.1, h5km, 1km, Mw:0.79, Ms:0.65, Mb:1.44, Mw:3.01, Mw:5.57, Mw:2.55;

JMA 09 08:52:09.6:0.0, 32:4N:0.1:130:6E:0.1, h5km, 1km, Mw:3.9/20, SOUTHERN KUMAMOTO PREF.

JMA Feil III J1 at SOUTHERN KUMAMOTO PREF. ISC 09 08:52:10.2:1.2, 32.36N:0.03:130:55E:0.03, h3km, gkm, n17, b=96/21, mb3.3/4, 5D, Kyushu

Main station list table for the HEL and PRU regions with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JZO, JIU, JHD, etc.

ASAR Alice Springs 55.80 176 P 0.3nm, 0.8s, baz=5.9, slow=14, SNR=4.2

FINES FINESS Array B 68.56 330 P 0.7nm, 0.7s, baz=29, slow=4, SNR=6.0

TUL 09 08:52:26.1:0.6, 36:84N:0:02:99:72W:0:04, h2km, 4km, ML2.7, mb_Lg_0:12(NEIC), Error ellipse: s-maj=5.2km

NEIC 09 08:52:26.7:0.7, 36:82N:0:02:99:75W:0:05, h5km, 1km, Error ellipse: s-maj=6.7km, s-min=4.2km, az=273.0, Oklahoma

Main station list table for the TUL and NEIC regions with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like NOKA, U32A, ELIS, etc.

IDC 09 09:05:17.0:0.8, 32:70N:130:54E, h0km, mb3.9/12, mtbtp3.9/15, ML3.4/3, MS3.6/4, Error ellipse: s-maj=17.9km, s-min=7.9km, az=129.0

NIED 09 09:05:18.8, 32:74N:130:60E, h12km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mw:0.91; Ms:0.85; Mb:3.94; Mw:0.02; Ms:0.38; Mw:1.06;

JMA Feil IV J1 at NW KUMAMOTO PREF. ISC 09 09:05:19.8:0.9, 32:73N:0:03:130:61E:0:04, h12km, 6km, n100, b=84/75, mb4.0/20, MS3.7/38, Kyushu

Main station list table for the IDC and NIED regions with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JTA, JIU, JNU, etc.

KSAR Wonju Array Be 5.20 335 Pn 0.3nm, 0.3s, baz=222, slow=28, SNR=2.0

KSAR Wonju Array Si 5.20 335 Pn 0.3nm, 0.3s, baz=222, slow=28, SNR=2.0

JOW Kunigami 6.22 200 Pn 0.3nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

CN2 Changchun 11.77 341 Pn 0.2nm, 0.3s, baz=173, slow=13, SNR=32

USRK Ussuriysk Ar. 11.50 5 Pn 0.2nm, 0.3s, baz=189, slow=13, SNR=19

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMQ, WMO, ZAAO, ZALV, etc.

ANF 09:09:08:60.0, 0.3, 36.68N:98.07W, h6km, ML3.0/6, Error ellipse: s-maj=3.2km s-min=2.3km az=160.0

TUL 09:08:59.9, 0.7, 36.71N:0.02-98.11W, h10km, 7km, ML3.0, mb, Lq2.639(NEIC), Error ellipse: s-maj=3.0km s-min=0.9km az=141.0

NEIC 09:09:00.0, 0.8, 36.69N:0.02-98.09W, h10km, 2km, Error ellipse: s-maj=3.4km s-min=3.0km az=317.0

ISC 09:09:00.3, 1.0, 36.70N:0.02-98.09W, h10km, 8km, n69, c052/60, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK032, CROK, KAN14, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U32A, BCOK, OK033, etc.

AAE 09:09:46:42.7±1.8, 8.82N:39.11E, h14km, 723km, ML3.5, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAE, FURI, ANKE, etc.

IDC 09:09:55:26.9±0.4, 3.92S:134.92E, h0km, mb3.1/1, mbmtmp3.2/3, ML3.4/2, Error ellipse: s-maj=149.0km s-min=33.0km az=78.0, Irian Jaya region

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

IDC 09:10:06:10.1±29.0, 24.36S:178.88E, h549km, 267km, mb3.1/4, mbtmp4.1/4, Error ellipse: s-maj=239.5km s-min=41.4km az=49.0

NEIC 09:10:06:11.6±0.8, 24.55S:179.1E, h579km, 19km, mb4.1/23, Error ellipse: s-maj=21.9km s-min=15.7km az=70.0

ISC 09:10:06:10.2±0.8, 24.68S:0.1790E, h549km, n31, ISC 09:10:03/1, mb4.2/16, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF, MARNC, NIUE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, BBOO, AS31, ASAR, WRO, WB2, WRAB, WBO, WRA, WRA, KNRA, Vnda, Vnda, SBA, PSA00, CASY, QSPA, SNA, TOR, etc.

IDC 09:10:13:56.4±7.1, 11.11N:62.49W, h63km, 46km, mb3.7/7, mbtmp4.0/8, ML3.8/1, Error ellipse: s-maj=29.4km s-min=24.1km az=44.0

TRN 09:10:13:56.6±10.94N:62.45W, h106km, MD4.0, NEIC 09:10:13:56.4±2.2, 10.93N:0.07-62.39W, h0.05, 11.11N:10.9km, mb4.2/22, MD3.9(TRN), Error ellipse: s-maj=10.6km s-min=7.0km az=169.0

FUNV 09:10:13:57.8±10.88N:62.44W, h24km, MW3.9, CAR 09:10:13:57.2±9.1, 0.91N:0.06-62.45W, h18km, 5km, Error ellipse: s-maj=0.0km s-min=0.0km az=47.0

ISC 09:10:13:55.8±0.7, 10.97N:0.04-62.48W, h0.03, h105km, 7km, n100, c1932/127, mb4.1/17, 2C-4D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRN, TRN, TPP, GRFF, GRGF, GRGR, TBH, COAV, TPR, BOT, GCMP, TOSP, PCRV, SVB, SVB, SVB, PRGV, PRGV, MCLT, MCLT, SLB, SLB, SLB, BIGH, BBSP, BBSP, BIRV, BIRV, BIM, BIM, MPOM, MPOM, MIFOM, TRMF, ZAM, LPMF, PDM, FDF, PML, GBMF, PCM, CXM, BAMP, SVN, SVN, MERV, DLSL, DICT, MAGL, MAGL, BENV, BENV, CBE, CBE, CACV, GDHS, GDSD, NIUE, ABD, MLYT, MBFL, BAUV, BAUV, BAUV, MAPV, ANPD, ANWB, CTVI, STVI, CUPR, CUPR, BOAV, MDP, etc.

IDC 09:10:06:10.2±0.8, 24.68S:0.1790E, h549km, n31, ISC 09:10:03/1, mb4.2/16, South of Fiji Islands

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

9d 10h

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Table with columns: MDP, Station Name, Time, Res, etc. Includes entries like OTAV, S39A, X34A, WMOK, etc.

Table with columns: TNSS, Station Name, Time, Res, etc. Includes entries like Tian-Shan, Medeo, Alma-Ata, etc.

Table with columns: KURS, Station Name, Time, Res, etc. Includes entries like Kuram, Arharly, Bldybasty, etc.

IDC 09 10:14:29.4;1.8, 1.56N;124.73E, h0km, mb3.7/3, mblmp3.7/3, MS3.3/1, Error ellipse: s-maj=179.6km s-min=25.0km az=64.0

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

CHMS Chumysh 1.45 307 ↑P Pg 10 25 51.3 +0.8

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

OTUK Ortay 6.72 337 ↑Lg Lg 10 28 56.0

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

SOME 09 10:25:24.8;42.18N;76.35E, h10km NNC 09 10:25:25.0;0.6, 42.19N;76.35E, h0km, mb3.9, mpv3.8, Error ellipse: s-maj=3.9km s-min=1.9km az=176.0

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

CHMS Chumysh 1.45 307 ↑P Pg 10 25 51.3 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes entries like KUU, CHKK, SATY, etc.

SOME 09 10:28:46.4;42.17N;76.38E, h5km KRNET 09 10:28:46.4;0.1, 42.15N;76.38E, h19km, mb3.7, Error ellipse: s-maj=4.1km s-min=2.8km az=65.0

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

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Fukushimafurud, Marumori, Otama, etc.

JMA 09 12:22:35.8-0.1,36:7N:0.3:141.2E:0.8, h5 1km, 1km, MV3.9/39, E OFF IBARAKI PREF

JMA Feil 1 J1 at E OFF IBARAKI PREF

ISC 09 12:22:35.9-5.5,36:57N:141:32E, h47km,44km, mb3.0/2, mbmp3.6/4, ML3.6/2, Error ellipse: s-maj=50.6km s-min=14.6km az=57.0

ISC 09 12:22:35.0-1.6,36:64N:0.0:141:31E:0.09, h39km,6km, n25, o:62/25,8D, Near east coast of eastern Honshu

Main station list table for the first section, including Hitachi, Iwakimizuishi, Waramunga Arr, etc.

IDC 09 12:24:38.6-0.8, 19:34S:175:99W, h332km,34km, mb3.1/3, mbmp4.0/5, Error ellipse: s-maj=159.1km s-min=38.0km az=36.0

NEIC 09 12:24:40.5-1.5, 19:7S:0.2:176:3W:0.1, h322km,10km, mb4.1/17, Error ellipse: s-maj=25.2km s-min=12.3km az=215.0

ISC 09 12:24:39.5-0.9,19:9S:0.2:176:3W:0.1, h300km,n25, o:19/125,mb4.0/12, Fiji Islands region

Main station list table for the second section, including Nonsavu, Nue, DZM, etc.

TUL 09 12:50:17.7-1.0, 36:02N:0.0:197:52W:0.01, h6km,6km, ML2.6, mb, Lq3:3/14(NEIC), Error ellipse: s-maj=1.8km s-min=1.5km az=50.0

NEIC 09 12:50:17.8-0.9, 36:032N:0.007:97:52W:0.01, h5km,7km, Error ellipse: s-maj=1.8km s-min=0.6km az=55.0, Oklahoma

Main station list table for the third section, including Liberty Lake, Bluff Creek, etc.

Main station list table for the middle section, including Oklahoma City, Oklahoma City, Quay, etc.

IDC 09 12:55:49.5-0.8, 6:51N:74:06W, h35km,5km, mb3.7/12, mbmp3.9/12, MS3.1/8, Error ellipse: s-maj=27.9km s-min=15.1km az=70.0

NEIC 09 12:55:50.3-1.9, 6:47N:0.0:74:17W:0.03, h44km,9km, Error ellipse: s-maj=10.8km s-min=3.8km az=181.0

RSNC 09 12:55:51.2,0.8,6:54N:74:10W, h15km,2km, ML3.6, Mw3.8, Fault plane solution: N P1:phi=118.00000, 0.78,0.00000, 1.78,0.00000

ISC 09 12:55:48.0-0.5,6:55N:0.0:74:16W:0.02, h25km,3km, mb3, n8, o:18/99/119,mb4.3/18, MS3.1/4, 1C-5D, Northern Colombia

Main station list table for the middle section, including Puerto Berrío, Barranca, etc.

Main station list table for the right section, including Puerto Gaitan, Los crdobas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SNA, QSPA, SUR, ASAR, ASAR, WRA, WRA.

ARE 09 13:44:51.3, 10.77S; 0.04:76.35W; 0.10, h128km, 6km, Error ellipse: s-maj=0.0km s-min=0.0km az=180.0

IDC 09 13:44:52.7, 0.6, 10.78S; 76.31W, h121km, 5km, mb3.4/5, mbmp3.9/8, MS2.6/1, Error ellipse: s-maj=17.7km s-min=8.6km az=99.0

NEIC 09 13:44:52.1, 3.0, 10.78S; 0.07:76.2W; 0.1, h119km, 10km, mb4.4/9, ML2.4/9, Error ellipse: s-maj=16.2km s-min=9.4km az=112.0

VAO 09 13:44:53.0, 0.4, 10.71S; 76.13W, h119km, mb4.4

ISC 09 13:44:50.7, 0.5, 10.70S; 0.05:76.20W; 0.07, h100km, n66, s152/73, mb4.0/8, Central Peru

Main table for 9d 14h section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their data.

s-min=1.7km az=220.0 NEIC 09 13:45:41.9, 0.5, 36.818N; 0.010:97.82W; 0.02, h5km, 6km, Error ellipse: s-maj=2.0km s-min=1.1km az=122.0

Table for Oklahoma section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Grant County #, Manchester OK, etc.

IDC 09 14:03:22.3, 2.0, 32.02N; 30.66E, h0km, mb3.7/7, mbmp3.8/14, ML4.4, Error ellipse: s-maj=37.6km

HLW 09 14:03:25.5, 32.03N; 30.62E, h30km, 4km, MD3.7, M13.8

SGS 09 14:03:28.5, 31.87N; 30.68E, h28km, M13.8

NIC 09 14:03:28.0, 0.3, 31.96N; 30.94E, h32km, 39km, M14.3/8

GII 09 14:03:29.0, 0.0, 31.87N; 31.01E, h20km, MD3.4/11, Mm3.3/4

ISC 09 14:03:25.2, 2.0, 31.95N; 0.04:30.71E; 0.04, h25km, 17km, n85, s194/117, mb4.1/12, Egypt

Main table for Oklahoma section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their data.

Main table for Philippines section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Dobruska-Polom, Kilima Mbogo, Mrgy, Hungary, etc.

ICD 09 14:20:51.1, 1.2, 40.71N, 29.21E, h0km, mb3.3/4, mbmp3.3/8, ML3.2/4, MS2.5/1, Error ellipse: s-maj=19.9km s-min=0km az=44.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRML, TSVK, KURT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Bursa, IGD, AVCI, etc.

ICD 09 14:20:51.9, 0.8, 40.71N, 0.02, 29.20E, h10km, 6km, n18, 0.1510/154, mb3.1/3, 18C-3P, Turkey

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

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

ICD 09 14:29:17.0, 1.1, 7.67S, 155.05E, h0km, mb3.9/8, mbmp3.9/9, ML4.1/1, MS3.6/2, Error ellipse: s-maj=35.7km s-min=21.5km az=115.0

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

DDA 09 14:48:01.6, 0.0, 35.91N, 29.71E, h2km, 3km, ML2.9, ISK 09 14:48:03.9, 36.07N, 29.71E, h5km, ML3.3/29

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKAS, DEMR, FETI, KEMT, etc.

Table with columns: BRTR, MMAIL, TORD, MKAR. Includes station names like Keskin Array B, Mount Meron Ar, etc.

KRNET 09 14:48:39.6:0.1, 39.42N:73.58E, mb3.8
SOME 09 14:48:39.3, 39.45N:73.43E, h10km
IDC 09 14:48:40.7:1.3, 39.40N:73.30E, h0km, mb3.7/8,
mbmp3.8/9, ML2.8/3, Error ellipse: s-maj=26.8km
s-min=15.5km az=131.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time Res, and other parameters. Includes stations like Osh, Aral, Almayashu, etc.

Table with columns: TNSS, TNS, MDOK, MMAIL, TORD, MKAR, BRRL, BRLS, KTBS, KUU, CHKK, TRKS, UCH, EKS2, EKS3, AAK, MRKS, MRKS, MRKS, KKB, ULHL, ULHL, ULHL, BOOM, CHMS, CHMS, CHMS, CHGR, CHGR, TASM, TASM, IUG, IUG, IUG, KST, KST, KST, SGDS, SGDS, SGDS, DGS, DGS, DGS, MTBS, MTBS, MTBS, IUG, IUG, IUG, WDM, WDM, WDM, HRAO, HRAO, HRAO, PRYS, PRYS, PRYS, KSR, KSR, KSR, SLR, SLR, SLR, SNKL, SNKL, SNKL, SWZ, SWZ, SWZ, LBTB, LBTB, LBTB. Includes station names like Tian-Shan, Keskin Array B, etc.

PRE 09 15:05:34.9:1.7, 26.40S:27.48E, h2km, ML2.8
IDC 09 15:05:35.4:1.3, 26.41S:27.39E, h0km, mb3.6/3,
mbmp3.8/9, ML3.4/4, Error ellipse: s-maj=17.7km
s-min=12.8km az=101.0
EAF 09 15:05:36.2:1.0, 26.45S:27.50E, h6km, 10km, MD3.5
BUL 09 15:05:36.4:1.0, 26.45S:27.48E, h6km, 9km, MD3.7
ISC 09 15:05:35.2:0.8, 26.40S:0.02:27.49E, 0.03, h10km, 5km,
n54, 1976/105, mb3.7/3, 2C-2D, Antenna

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like LBTB, MATB, LBTF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like ESDC, MKAR, NVAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like KAN10, OK035, KAN12, etc.

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Table with columns for station code, name, frequency, time, and signal strength. Includes stations like MKAR, ARU, SONM, and many others across various frequencies.

9d 16h

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Table with columns: Call Sign, Frequency, Mode, Power, etc. Includes stations like ARCES, GZGR, BLBK, NIE, HAMF, etc.

Table with columns: Call Sign, Frequency, Mode, Power, etc. Includes stations like GERES, KHC, OBKA, NKC, DOMB, etc.

Table with columns: Call Sign, Frequency, Mode, Power, etc. Includes stations like INK, INK, INK, CAST, L19K, etc.

comp=-Z,0.4nm,0.8s,baz=335,slow=8.0,SNR=2.2

comp=-N,0.3nm,0.5s

SUDU Sudak 5.96 44 eP Pn

17 29 48.6 +0.6

IDC 09 16:39:29.6;3.0,32.34S;70.23W,h103km,28km,mbmp3,6/4,Error ellipse: s-maj=129.0km s-min=24.3km az=100.0

ASAR Alice Springs 128.55 205 PKP PKPdf 17 32 24.5 +0.9
WARR Warramunga Arr 131.72 207 PKP PKPdf 17 32 30.1 +0.4
MKR Makanchi Array 146.42 40 PKBc PKPdf 17 32 57.3 +1.8

SUDU comp=-Z,16nm,0.4s

Sm Pm

ISC 09 16:39:30.2;1.2,32.45S;101.69;9W;0;6,h117km,n6, f150/G6, Mendoza Province

DDA 09 17:28:19.8;0.0,40.70N;29.20E,h7km,ML2.9
ISK 09 17:28:19.3;40.71N;29.19E,h11km,ML3.4/23
CFUSG 09 17:28:24.3;40.98N;29.6S,baz=151,slow=8.5,SNR=1.5

SUDU comp=-N,10.0nm,0.3s

Sm

SUDU comp=E,12nm,0.3s

BIZ Biczak 6.61 341 P Pn 17 29 58.7 +1.7
GZR Gura Zlata 6.64 317 P Pn 17 29 58.4 +2.0
SORM Soroca 7.44 356 P Pn 17 30 08.3 0.0

ISC 09 17:28:19.8;0.0,40.70N;29.20E;h7km,g6km,n60,i150/82,12C-4D,Turkey

IDC 09 17:29:27.6;1.3,12.58N;88.66W,h0km,mb4.0/10,mbmp4,0/11,ML3.7/1,MS3.5/8,Error ellipse: s-maj=41.9km s-min=26.5km az=44.0

INET 09 17:29:31.2;0.3,12.66N;89.15W,h30km,2km,MW4.5
SNET 09 17:29:33.6;1.7,12.55N;88.97W,h41km,ML4.5
UCR 09 17:29:33.1;1.3,12.58N;88.99W,h30km,4km,MW3.7

NEIC 09 17:29:36.7;1.6,12.72N;87.79W,0.09,h57km,10km,mb4.5/72,MD4.5(SNET),Error ellipse: s-maj=15.9km s-min=7.2km az=224.0

ISC 09 17:32:39.1;2,12.59N;004.89;02W;0.03,h32km,g6km,n196,a1r12/222,mb4.5/39,MS3.5/8,Off coast of central America

IDC 09 16:43:54.3;2.1,6.29S;154.90E,h66km,20km,mb3.5/9,mbmp3,9/13,MS3.0/2,Error ellipse: s-maj=20.6km s-min=15.2km az=26.0

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9d 17h

Table with columns for station name, coordinates, and various parameters. Includes stations like CMIG, BRU2, SOR, 833A, 344A, JCT, WHTX, Y49A, GOGA, TX31, TX32, TXAR, TXAR, TXAR, TXAR, X37A, X37A, X34A, FCAR, TKL, TKL, LCAR, V53A, WMOK, FNO, HHAR, HHAR, TUL1, TUL1, RLO, RLO, PBMO, OK029, OK034, T47A, T47A, OK033, OK033, QUOK, QUOK, MGMO, MGMO, AMTX, BLOK, BLOK, ELIS, ELIS, S39A, S39A, OK038, OK038, CCM, CCM, NOKA, NOKA, KAN17, KAN17, P40A, P40A, Q54A, Q54A, T25A, N33A, SDCO, S22A, ISCO, ECSD, ETMB, ETMB, O20A, O20A, SPMN, SADO, F36A, F36A, SAML, SAML, RSSD, RSSD, E38A, E38A, PDAR, PDAR, EYMN, EYMN, LPAZ, ECR, REDR, REDW, AGMN, LOHW, LOHW, TPWA, TPWA, MNDV, MNDV, NVAR, NVAR, DGMT, ULM, ULM, ULM, ULM.

2022 JUL

Table with columns for station name, coordinates, and various parameters. Includes stations like MCMT, BOZ, LRM, EGM, NEW, FFC, FFC, H032N, H032N, H031N, H031N, H032N, H032N, CPUP, FRB, YKA, YKA, DLBC, DLBC, PLCA, RES, RES, INK, INK, INK, INK, BMRM, ILAR, RND, RND, TOR, SEY, SEY, WRA, ASAR, ASAR, CZH, CZH, IDC 09 17:35:50.0, NEIC 09 17:35:53.7, ISC 09 17:35:55.0, Code, SONM, SONM, SONM, SONM, ULN, MK31, MKAR, MAKZ, ZA0A, ZALV, ZALV, KS19, KSAR, KSRS, SEHB, SEHW, KURK, KURBB, KURBB, ABKAR, ARU, ARU, ARCES, FIA1, FIA1, AKAS, ARG, NOA, IMAR, TOLK, AKUT, H21K, H21K, TTA, TTA, H23K, H23K, MLY, MLY, BPWA, BPWA, I23K, I23K, H24K, H24K, BMAR, MDM, WRH, ILAR, DAVOX, WRO, WRO, J26L, J26L.

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Table with columns for station name, coordinates, and various parameters. Includes stations like RIDG, SCRK, SCRK, SCRM, KLU, BCAR, ASAR, C36M, CTGM, N31M, N31M, YKA, ESDC, IDC 09 17:37:51.6, DJA 09 17:37:51.6, ISC 09 17:37:51.6, Code, APSS, APSS, LUWI, LUWI, TTSI, TTSI, SPSI, SPSI, MRSI, MRSI, BNSI, BNSI, MPSS, KAPI, KAPI, KAPI, BBSI, BBSI, BBSI, BKB, SANI, SANI, EDFI, WRA, ASAR, MKAR, ROM 09 17:37:53.0, ISC 09 17:37:52.8, Code, MSAG, MSAG, MSAG, MSAG, MRVN, MRVN, MRVN, SGRT, APRC, APRC, APRC, APRC, MATE, MATE, MATE, ACER, ACER, ACER, ACER, ACER, TREM, TREM, LTRZ, MIGL, MIGL, MIGL, MIGL, LSTV, LSTV, MELA, MELA, MELA, MELA, MOCO, MOCO, MOCO, PTPR, PTPR.

9d 20h

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 Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

2016 JUL

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 Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, 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 Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Davao City, Warramunga Arr, ASAR Alice Springs, etc.

NEIC 09 20:11:27.6:2.6, 30.34S:0.06:177.8W:0.2, h2gkm, 7km, mb4.7/23, Error ellipse: s-maj=22.6km s-min=8.7km

Main station list table for the left column, containing codes, station names, and various parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KRSR Korea Array, PEAT01 Petropavlovsk, etc.

NEIC 09 20:11:35.5:1.4, 14.91S:0.08:175.9W:0.1, h324km, 9km, mb4.3/18, Error ellipse: s-maj=18.9km s-min=7.0km

Main station list table for the middle column, containing codes, station names, and various parameters.

ICC 09 20:42:03.7:0.8, 30.42N:79.19E, h0km, mb3.6/16, mbmp3.7/17, ML3.5/1, Error ellipse: s-maj=26.1km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PTH Pithoragarh, PTH Pithoragarh, etc.

Main station list table for the right column, containing codes, station names, and various parameters.

TAP 09 21:10:59.6, 23.09N:120.77E, h7km, ML1.5, 1C, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like STYT Taoyuan, STYT Taoyuan, etc.

Table with columns: PMAFR, Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PMST Lisbon-Monsan, PSBE So Bento, PACT Alcochete, PCAS Casmilho, PTO Porto, etc.

Table with columns: EADA, Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Adamuz, Guadarrama, Sonseca Array, Sierra Gorda, etc.

Table with columns: TAOE, Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Nuku Hiva Isla, SBU M Sibiu, VANDA Vanda, etc.

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Table with columns: ID, Name, Time, Res, etc. Includes stations like SNAW, VNA3, NEW, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like OK034, T35A, R32A, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like ETAZ, WTZA, THZ, etc.

IDC 09 22:07:38.0.22.0.1.34N:99.59E, h281km, 216km, mb3.3/6, mbmp3.9/6, Error ellipse: s-maj=141.9km s-min=20.9km

ISC 09 22:07:34.8.2.3.13N:0.4.99SE:0.5, h250km, n6, o=27/6, mb3.6/6, Northern Sumatra

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like WRA, SONM, MKAR, etc.

TUL 09 22:30:40.2.1.1.36N:48N:0.01:98.74W:0.03, h8km, 5km, ML2.8, mb, Lg2.2/17(NEIC), Error ellipse: s-maj=3.9km s-min=2.0km az=88.0

NEIC 09 22:30:40.3.0.8.36.48N:0.01:98.72W:0.03, h9km, 4km, Error ellipse: s-maj=3.8km s-min=2.1km az=85.0, Oklahoma

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like OK038, OK035, NOKA, etc.

NOU 09 22:46:31.8.39.71S:175.62E, h0km, MLV3.7/6, North Island, New Zealand

WEL 09 22:46:32.4.0.2.40.0.2.17.6E:1.7, h5km, 1km, M3.6/53, ML3.9/53, MLV3.6/53, Error ellipse: s-maj=0.0km s-min=0.0km az=62.0

ISC 09 22:46:32.6.0.9.39.71S:0.02:175.65E:0.02, h17km, 6gkm, n18, o=96/134, North Island

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like MOVZ, MOVZ, MTVZ, etc.

IDC 09 23:05:09.7.1.2.48N:156.29E, h20km, 20km, ML3.9/6, Error ellipse: s-maj=52.9km s-min=39.2km az=100.0

ISC 09 23:05:09.6.1.4.48N:0.1:155.6E:0.3, h35km, n27, o=114/12, mb3.6/3, Kuril Islands

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like KRSC, IDIC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, DALK Dalny, and H11N2 WAKE ISLAND.

KRNET 09 23:12:56.5:0.1, 39°44'N-73°76'E, mb3.8
SOME 09 23:12:58.3, 39°58'N-73°73'E, h5km
NNC 09 23:13:02.4:1.8, 39°69'N-73°78'E, h0km, mb3.8, mpv3.5,

Error ellipse: s-maj=14.1km s-min=7.1km az=173.0
ISC 09 23:12:59.7:2.5, 39°44'N-076°73.54E:0.03, h0km, 18km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like OHH Osh, BTK Batken, and WARRMUNGA ARR.

Table with columns: TNSS, Time, Res, eS, Sb. Includes stations like TNS5 Tian-Shan, BRLS Borolady, and MDOK Medeo.

ISC 09 23:28:44.4:1.2, 12°35'N-58°26'E, h0km, mb3.8/4,
mbmt3.8/5, ML3.5/1, MS2.9/1, Error ellipse:

s-maj=46.4km s-min=27.8km az=43.0, Owen Fracture
Zone region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WSAR Wadi Sarin, KBZ Khabaz, and WRA Warramunga Arr.

ANF 09 23:34:51.0:4.3, 5°84'N-97°24'W, h7km, ML2.8/5, Error ellipse: s-maj=5.1km s-min=3.4km az=136.0,
NEIC 09 23:34:32.9:0.5, 35°82'N-0°01:97:25W:0.01, h5km, 6km, Error ellipse: s-maj=2.0km s-min=1.3km az=146.0,
TUL 09 23:34:32.0:2.0, 5°35'80'N-0°01:97:24W:0.01, h7km, 6km, ML3.1, mb, Lg2.5/44(NEIC), Error ellipse: s-maj=2.0km s-min=1.3km az=149.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like OK029 Liberty Lake, OK005 Luther M School, and OKCFB Oklahoma City.

Table with columns: DEOK Depew, Time, Res, Pg, Pg. Includes stations like BLOK Blackwell, TUL1 Leonard, and U38A Gravette.

ISC 09 23:36:53.5:7.0, 25°57'S-178°82'W, h0km, mb3.3/2,
mbmt3.3/2, Error ellipse: s-maj=410.8km
s-min=71.1km az=159.0, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, and BRTR Keskin Array B.

VAO 09 23:42:32.7:0.5, 24°18'S-66°96'W, h178km, mb4.6
IDC 09 23:42:33.8:0.9, 24°12'S-66°82'W, h180km, 7km, mb4.0/13,
mbmt4.6/20, MS2.9/2, Error ellipse: s-maj=11.6km
s-min=10.5km az=47.0
NEIC 09 23:42:33.9:1.9, 24°21'S-66°89'W:0.08, h183km, 6km,
mb4.6/84, Md4.5(SJA), Error ellipse: s-maj=11.2km
s-min=8.4km az=82.0
SJA 09 23:42:34.7:1.0, 24°23'S-67°07'W, h175km, ML4.4, MW4.2
GUC 09 23:42:36.3:0.8, 24°21'S-67°29'W, h211km, 7km, ML5.1
ISC 09 23:42:33.8:0.6, 24°22'S-67°03'W:0.04, h186km, 5km,
n260, s1843/308, mb4.6/46, 5C-2D, Chile-Argentina
border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SLA San Lorenzo, AF01 San Pedro de A, and AZAP Zapla.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like IPOC Station P, Mina Guanaco, LOMAS DE OLMED, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like La Puntita, San Rafael, Tunca, Itaquí, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Lakeview Retre, Chaparral WMA, TROLL, etc.

NEIC 09:23:49.53.9.1.2.38.29N.0.02.122.16W.0.02.1h3km,4km, Error ellipse: s-maj=2.7km s-min=1.7km az=52.0
NCEDC 09:23:49.54.2.0.8.38.26N.0.01.122.18W.0.02.1h0km,5km, ML3.0.7,ML2.9/48(NEIC), Error ellipse: s-maj=2.5km s-min=1.7km az=53.0, Northern California

10d 1h

comp=E,0.8nm,0.7s
FINES FINESS Array B 61.96 1 P 00 34 17.6 +0.7
comp=E,1.7nm,1.0s,baz=12,slow=7.1,SNR=2.0
comp=E,1.7nm,1.0s

IDC 10 00:24:28.9,17.0,39.06N:73.37E,h0km,mb3.7/2,
mtbmp3.5/4,ML2.5/2,MS2.8/1,Error ellipse:
s-maj=323.8km s-min=31.6km az=161.0
KRNET 10 00:24:29.4,0.1,39.43N:73.71E,mb3.6
SOME 10 00:24:32.3,39.58N:73.68E,h0km
NMC 10 00:24:35.5,1.1,39.59N:73.71E,h0km,mb3.8,mpv3.5,
Error ellipse: s-maj=8.9km s-min=4.6km az=174.0
ISC 10 00:24:32.5,1.1,39.57N:0.06:73.72E:0.03,h10km,n59,
+2512/90,20C-6D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Osh, Batken, Aral, Garm, Uchtor, etc.

2016 JUL

Main table with columns: SATY, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Saty, ZHN, ZHN, ZHN, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Kununurra, Forrest, Ambon, Tubuai, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like XLT, XLT, XLT, XLT, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MAKZ, MAKZ, ZAAO, ZAAO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vila Real, Moncorvo, Visou, Sonseca Array, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Makanchi Array, Vanda, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Makanchi Array, Vanda, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Makanchi Array, Vanda, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Fergana, Chimi, Aral, Garm, Uchtor, etc.

IDC 10 02:15:45.2,0.6,2.26N,94.99E,h0km,mb4.2/25, mbmtmp3.6/4,ML3.5/1,MS3.8/14,PKR ellipse: s-maj=23.0km s-min=13.2km az=41.0

Code Station Name Azimuth Phase ID Time Res. Includes stations like Sinabang, Aceh, Gunungsitoli, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like Kota Tinggi, Jambai, Tanjung Pinang, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like Pallekele, Kuching, Sintang, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like Bokok, Kohima, Shillong, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like SHL Shillong, MYLDM Lahad Datu, KMI Kunming, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like Diego Garcia, TEZPUR, ITANAGAR, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like DAVO City, Enshi, Simia, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like GeErMu, XAN, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like Lanzhou, Luoyang, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like Nanjing, Gaotai, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like Hongshan, BTO, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like Wadi Sarin, Kashi, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like TARG, PRZ, GARM, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, etc.

Table of meteorological data for station 463, including columns for station code, name, time, and various parameters like wind speed and direction.

Table of meteorological data for station SQTA Sankt Quirin, including columns for station code, name, time, and various parameters like wind speed and direction.

Table of meteorological data for station NISR Nisiros, including columns for station code, name, time, and various parameters like wind speed and direction.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like LL02, COYC, G005, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like CZSB, CPUP, PLTB, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like SJMB, PRPB, BSFB, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like Leonard, Norfolk Rd, Pickwick Lake, New Hope, Goldstone, Bar, Goldstone, Bar, Calhoun, Laurel Mtn Rad, Hobbs, Gravette, North Rim, Hodges, Shoshone, Teco, Lake Charles, Salt Plains W, Isabella, Lake, Signal Mountain, Trinidad, Trinity, Sooner Cattle, Jenkinsville, Bluff City, Manual, Smith Brothers, Vestal, Richgr, Mesa Verde, Mesa Verde, Waverly, Waverly, Waverly, Waverly, Pauline, Poplar Bluff, Cottonwood, Great Sand Dun, Cedars of Leba, 4UR Ranch, Cre, 4UR Ranch, Cre, MGMO Mountain Grove, Tuckaleechee C, Tuckaleechee C, Tuckaleechee C, Loudon, Kings Mountain, Cedar City, Salud, Red Boiling Sp, David Mesa, Pa, Paradox Valley, Paradox Valley, Carpenter Ridg, Tazewell, Southern Illin, Cathedral Cave, Cathedral Cave, Cathedral Cave, French Village, Three Creeks R, Castle Valley, San Rafael Sve, Casey, Little Huntoon, Spring Creek 3, Spring Creek 1, Mina Array Sit, Mina Array, Columbia Colle, Columbia Colle, Columbia Colle, Butcher Ranch, Idaho Springs, Idaho Springs, Idaho Springs, Ryan, Ryan, Olney

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like Littleton, Dawn, Shelbyville, Bluffsburg, Paris, White River C, Kaisererville, Kaisererville, North Lily Min, Dugway, Dugway, Dugway, Dugway, Hurricane, Red Feather L, Jordanelle, Beckworth, BMC, Elk, HDIL, HWUT, P25A, DZM, DZM, K22A, O53A, BW06, BW06, PD31, PD31, PDAR, PDAR, AHID, KHMH, REDW, YBH, JFWS, TPWA, ECSD, ECSD, SSSA, SSSA, RSSD, RSSD, HLD, HLD, FLWY, I37A, YPP, J08A, J08A, J42A, J05D, YHL, YHL, RLMT, RLMT, I07A, I07A, ODNJ, ODNJ, KSPA, WYNY, H43A, SPMN, SPMN, BMO, BMO, BMO, PLID, BOZ, BOZ, MMNV, I49A, G40A, F36A, F36A, G08A, F10A, COWI, J58A, J58A, E43A, SADO, HAWA, D41A, E46A, EGMT, AGMN

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like EYMN, EYMN, EYMN, LONY, LONY, LONY, LBNH, NEW, NEW, WALA, WALA, ULM, ULM, PKME, VLDQ, STKA, HNR, HNR, BBB, SUR, SCHO, DLBC, DLBC, JIS, YKA, YKA, KRVT, ASAR, H11S2, H11S1, H11S3, YAH, BARN, H01W1, H01W2, H01W3, M30M, RAGM, KDAK, HIN, FID, GLI, CNPM, KLU, PWL, HOM, L27K, Q19K, KNK, SCL, SCM, P18K, SUA, M22K, I29M, O18K, CUT, N19K, RND, N18K, MCK, TRF, M19K, KTH, BWN, L19K, K20K, MLY, J20K, I21K, H21K, ADK, ANM, RDOG, AVE, GAMB, SUM, TART, CART, BILL, BILL, LUWI

Table of meteorological data for the 10d 3h period, including station names, coordinates, and various weather parameters.

Table of meteorological data for the 2016 JUL period, including station names, coordinates, and various weather parameters.

Table of meteorological data for the 466 period, including station names, coordinates, and various weather parameters.

Table with columns: JAR, Ashorobuto, 5.87 260 eP, Pn, 03 12 31.8 +2.5, etc.

IDC 10 03:20:28.6:1.0, 31.77S:178.02W, h0km, mb4.2/5, mbmp4.2/7, ML4.3/2, MS3.7/2, Error ellipse: s-maj=31.2km s-min=25.7km az=87.0

NEIC 10 03:20:29.5:1.1, 31.96S:0.08:177.8W:0.2, h10km, 1km, mb4.4/8, Error ellipse: s-maj=27.5km s-min=12.4km az=105.0

ISC 10 03:20:31.9:0.8, 31.38S:0.08:178.0W:0.2, h24km, n30, s150/27, mb4.3/9, Kermadec Islands region

Main table for the first section, listing station names like RAOU, URZ, MSVF, DZM, etc. with their respective coordinates and data.

SOME 10 03:22:49.7, 39.25N, 73.40E, h0km, KRNET 10 03:22:51.0, 1.39, 08N-73.69E, mb3.1, NNC 10 03:22:52.7, 1.9, 39.21N-73.57E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=14.8km s-min=6.8km az=171.0

ISC 10 03:22:58.0:1.5, 39.51N:0.07:73.31E:0.04, h10km, n28, s177/46, 8C-2D, Tajikistan-Xinjiang border region

Main table for the second section, listing station names like GARM, ARLS, UCH, etc. with their respective coordinates and data.

Table for the third section, listing station names like KTBS, KUUS, ARXS, etc. with their respective coordinates and data.

IDC 10 03:33:43.6:1.1, 5.59S:147.89E, h179km, 10km, mb4.1/16, mbmp4.7/20, MS3.6/2, Error ellipse: s-maj=12.1km s-min=7.0km az=98.0

NEIC 10 03:33:44.4:1.7, 5.58S:0.06:147.96E:0.08, h178km, 5km, mb4.4/78, Error ellipse: s-maj=11.8km s-min=9.0km az=96.0

DJA 10 03:33:45.3:0.4, 5.5S:7.14E, h205km, 12km, M4.9/6, mb4.6/0, mb4.3/1, ML5.5/2, Mw(mb)4.0/1

ISC 10 03:33:42.9:0.3, 5.57S:0.05:148.00E:0.06, h167km, n142, s134/147, mb4.4/6, 3C, Eastern New Guinea region

Main table for the fourth section, listing station names like MANU, PMG, RABL, etc. with their respective coordinates and data.

Main table for the fifth section, listing station names like MAJO, MJB9, PMBI, etc. with their respective coordinates and data.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KZ7K, Haines Junction, and Yellowknife Ar.

UCR 10 03:45:14.2,0.3, 7.94N, 82.96W, h21km, 5km, MW3.4
UPA 10 03:45:15.6, 1.1, 8.05N, 82.95W, h20km, 6km, MW3.2

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Petrotermiale, Canoas, and David.

IDC 10 03:45:46.1, 6.7, 7.00S, 129.10E, h0km, mb4.0/2,
s-min=29.0km, az=69.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Warramunga Arr, ASAR, and MKAR.

IDC 10 04:15:08.3, 2.3, 23.52S, 67.66W, h0km, mb3.7/3,
s-min=24.0km, az=17.0

VAO 10 04:15:11.8, 0.7, 22.97S, 69.64W, h14km, mb3.9
GUC 10 04:15:20.1, 0.8, 22.76S, 68.57W, h96km, km3, ML3.5

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like San Pedro de A, Limon Verde, and IPOC Station P.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BDFB, PEXB, and TORO.

OSPL 10 04:17:20.4, 1.8, 18.68N, 66.43W, h75km, 13km, ML4.4
IDC 10 04:17:21.2, 0.7, 18.26N, 66.71W, h92km, 6km, mb3.7/11

NEIC 10 04:17:21.9, 1.4, 18.45N, 0.07, 66.78W, 0.03, h94km, 4km,
Error ellipse: s-maj=11.1km s-min=-3.6km az=194.0

RSRP 10 04:17:22.6, 18.52N, 66.75W, h89km, MD3.724
ISC 10 04:17:21.0, 6.18, 18.47N, 0.04, 66.81W, 0.03, h96km, 4km,
n228.1, s142/244, mb4.1/2, 11C, 100, Puerto Rico region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AOPR, EMPR, and LSP.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GPCR, SJG, and SJV.

IDC 10 04:15:08.3, 2.3, 23.52S, 67.66W, h0km, mb3.7/3,
s-min=24.0km, az=17.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SVTI, SVJI, and SVI.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SDDR, LOPPI, and LOPPI.

OSPL 10 04:17:20.4, 1.8, 18.68N, 66.43W, h75km, 13km, ML4.4
IDC 10 04:17:21.2, 0.7, 18.26N, 66.71W, h92km, 6km, mb3.7/11

NEIC 10 04:17:21.9, 1.4, 18.45N, 0.07, 66.78W, 0.03, h94km, 4km,
Error ellipse: s-maj=11.1km s-min=-3.6km az=194.0

RSRP 10 04:17:22.6, 18.52N, 66.75W, h89km, MD3.724
ISC 10 04:17:21.0, 6.18, 18.47N, 0.04, 66.81W, 0.03, h96km, 4km,
n228.1, s142/244, mb4.1/2, 11C, 100, Puerto Rico region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANWB, GDHS, and SDDR.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Extrema, Santa Maria do, Serra Nova Dou, etc.

KRNET 10 04:24:58.0:0.1,39.17N:73.62E,mb4.0
SOME 10 04:24:58.6,39.23N:73.43E,h15km
IDC 10 04:24:59.0:3.5,39.07N:72.92E,h0km,mb3.8/4,

mbmp3.6/6,ML2.7/2,MS2.7/1,Error ellipse: s-maj=73.3km
s-min=26.3km az=148.0
NNC 10 04:25:02.5:1.2,39.32N:73.54E,h0km,mb4.3,mpv4.0,

Error ellipse: s-maj=9.6km s-min=4.8km az=176.0
ISC 10 04:25:01.4:1.1,39.41N:0.04:73.35E,0.03,h2km,7km,
n82,c275/121,mb3.8/4,35C-11D,Tajikistan-Xinjia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Osh, Karamyk, Batken, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Taraz, Tokmak, DZA, etc.

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

MDD 10 04:26:57.4:1.4,36.72N:4.20E,h0km,mb3.9/8,
M_mb3.2/8,5C,Error ellipse: s-maj=13.3km
s-min=8.7km az=136.0,Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Ibiza, Mallorca, La Murta, etc.

CNRM 10 05:02:44.8,36.27N:9.55W,h30km,ml3.1
MDD 10 05:02:45.5:1.1,36.75N:9.55W,h4km,3km,mb_Lg2.6/7,

Error ellipse: s-maj=6.6km s-min=5.9km az=42.0
INMG 10 05:02:46.9:1.5,36.60N:9.59W,h19km,5km,ML1.9,Error
ellipse: s-maj=6.1km s-min=3.8km az=58.0

IGIL 10 05:02:46.9,36.56N:9.64W,h30km,ML1.9
ISC 10 05:02:41.5:1.9,36.45N:0.04:9.77W:0.07,h33km,4km,
n43,c191/75,3C,West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Vila Bisbo, Marneleto, Sao Teotonio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSBE So Bento, ESPR Espera, EBAD Badajoz, etc.

IDC 10 05:11:28.1±1.7, 6.04S:130.55E, h0km, mb4.2/2, mbmp4.3/4, ML4.4/2, Error ellipse: s-maj=131.3km s-min=24.0km az=67.0

DJA 10 05:11:42.0±0.5, 6.34S:133.0E, h169km, 20km, M4.3/8, mb4.2/5, mb5.0/3, MLV4.3/8, Mw(MB)4.3/3, NEIC 10 05:11:43.8±0.7, 6.65S:130.7E, 0.2, h99km, 25km, mb4.3/5, Error ellipse: s-maj=37.3km s-min=8.7km az=114.0

ISC 10 05:11:41.9±0.8, 6.64S:130.59E:0.06, h100km, n25, az=261/25, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSAI Masohi, AAI Ambon, FAKI Fak Fak, etc.

IDC 10 05:16:58.1±5.2, 1.87S:139.28E, h0km, mb4.1/2, mbmp4.3/3, ML4.5/1, Error ellipse: s-maj=210.3km s-min=27.8km az=86.0

DJA 10 05:17:24.0±0.4, 3.52S:133.9E, h10km, M4.2/5, MLV4.2/5, mb4.2/10, Error ellipse: s-maj=25.8km s-min=10.0km az=213.0

ISC 10 05:17:22.4±0.7, 3.40S:138.70E:0.05, h50km, n27, az=156/129, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMPI Sarmi, GENI Genyem, SRPI Serui, etc.

Table with columns: WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, etc.

IDC 10 05:17:31.6±2.3, 4.53N:125.31E, h0km, mb4.0/4, mbmp4.0/4, Error ellipse: s-maj=269.0km s-min=23.5km az=64.0

DJA 10 05:17:50.2±0.8, 4.2N:126.1E, h172km, 5km, M4.3/8, mb4.3/3, mb4.7/3, MLV4.3/8, Mw(MB)3.9/3, ISC 10 05:17:48.3±1.0, 4.60N:126.3E:0.01, h150km, n11, az=213/16, mb3.9/4, 1C-1Z, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SGTI Sangihe, GSPH General Santos, KCP Kidapawan, etc.

TUL 10 05:20:17.3±0.8, 36.54N:101.98E:68W:0.02, h6km, 1km, ML2.6, mb_Lg2.4/20(NEIC), Error ellipse: s-maj=2.4km s-min=1.8km az=66.0

NEIC 10 05:20:17.7±0.8, 36.53N:101.98E:66W:0.01, h5km, 1km, Error ellipse: s-maj=3.0km s-min=2.5km az=216.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK038 West end E0370, OK035 E0210 Rd and N, NOKA Waynoka, etc.

LOOK Love County, AMTX Amarillo, KSU1 Kansas State U, etc.

X37A Clayton, ABTX Abilene, Haws, KSCO Kaye Shedlock, etc.

MSX Muleshoe, S39A Bolivia, MIAR Mount Ida, etc.

P38A Dawn, etc.

IDC 10 05:27:50.8±0.6, 1.76N:126.32E, h0km, mb4.2/16, mbmp4.2/16, Error ellipse: s-maj=35.5km s-min=13.1km az=76.0

NEIC 10 05:27:56.4±1.6, 1.78N:126.41E:0.08, h37km, 8km, mb4.6/34, Error ellipse: s-maj=13.3km s-min=8.8km az=119.0

DJA 10 05:27:57.0±0.8, 2.2N:126.1E, h31km, 10km, M4.4/18, mb4.6/13, mb4.9/4, MLV4.3/18, Mw(MB)4.2/4, ISC 10 05:27:57.0±0.4, 1.80N:126.53E:0.06, h47km, n102, az=193/105, mb4.5/2, 2C, Northern Molucca Sea

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

Table with columns: MSAI Masohi, AAI Ambon, TOLIZ Tolitoli, etc.

IDC 10 05:28:15.1±1.5, 0.21N:153.1E, h0km, mb4.0/4, mbmp4.0/4, Error ellipse: s-maj=269.0km s-min=23.5km az=64.0

DJA 10 05:28:15.1±1.5, 0.21N:153.1E, h0km, mb4.0/4, mbmp4.0/4, Error ellipse: s-maj=269.0km s-min=23.5km az=64.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SGTI Sangihe, GSPH General Santos, KCP Kidapawan, etc.

TUL 10 05:20:17.3±0.8, 36.54N:101.98E:68W:0.02, h6km, 1km, ML2.6, mb_Lg2.4/20(NEIC), Error ellipse: s-maj=2.4km s-min=1.8km az=66.0

NEIC 10 05:20:17.7±0.8, 36.53N:101.98E:66W:0.01, h5km, 1km, Error ellipse: s-maj=3.0km s-min=2.5km az=216.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORV Morava, FORT Forrest, FORT Forrest, etc.

STKA Stephens Creek, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: STA, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Rows include TTA, L19K, IMAR, ILAR, J26L, K27K, ARCES, FINES, SCHO, TXAR, TORD, KIC, TIC, LIC, etc.

NEIC 10 05:37.35.6±1.9, 8°33N:0.06±12.5°95E±0.09, h10km±1km, mb4.7/35, Error ellipse: s-maj=15.3km s-min=10.7km az=90.0

MAN 10 05:37:39.8±47N:125.80E, h60km, Ms4.7, DUA 10 05:37:42.9±0.8, 8°12N:4.12±6E±, h38km, 8km, M4.8/23, m85.2/8, mb4.8/23, MLV±5.1/6, Mw(mB)4.5/8

IDC 10 05:37:43.1±2.1, 8.40N:125.86E, h77km, 19km, mb3.8/11, mbtmp4.2/12, MS3.4/10, Error ellipse: s-maj=38.8km s-min=13.6km az=73.0

ISC 10 05:37:41.9±0.7, 8.45N:103.125.82E±0.05, h66km±7km, n110, t1941/114, mb4.4/37, 14C-2D, Mindanao

Main station data table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Rows include BUTP, CAG, GLSP, SCPH, DAV, MSLP, CSBH, CGBH, DDM, PAGZ, GSPH, SNNP, JAP, SGI, LQP, TNTI, MYLO, MRSI, TOLJ, LUWI, SANI, SWI, TTSI, FAKI, SPSI, BNSI, MTKI, KAPI, KAPU, KAPU, KAPU, SMPA, KSM, TWSI, GUMO, MTN, MTN, MYKOM, NUJ2, IPM, KULM, LWLI, BKNI, JHS, PMG, PMG, CMAR, COEN, PZH, PZH, PZH, WBO, WBO.

Table with columns: WRA, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, WRO, XAN, AS31, ASAR, ASAR, ASAR, HHC, HHC, CTAO, USRK, USRK, USRK, XLT, XLT, XLT, XLT, FORT, NWAO, BBOO, STKA, STKA, WMO, DZM, DZM, PETK, MK31, MK31, MKAR, MKAR, MKAR, ZALV, ZALV, AAK, KURBB, KBL, BTK, BTK, GAR, CHGR, KK31, KK31, KKAR, TTXI, TTXI, RPZ, SNZO, ABKAR, AKTO, AKTO, CASY, CASY, BPW, MLY, ILAR, K27K, EIL, FINES, FINES, FINES, VNSA, VNSA, KMBD, TORD, PLCA.

SOME 10 05:40:05.8, 38°23N: 72°95E, h0km, IDC 10 05:40:07.3±7.4, 38°28N: 72°71E, h0km, mb3.8/3, mbtmp3.6/7, ML2.9/4, MS3.3/3, Error ellipse: s-maj=125.1km s-min=27.8km az=153.0

NNC 10 05:40:09.7±2.1, 38°25N: 73°04E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=16.0km s-min=9.6km az=176.0

ISC 10 05:40:07.8±1.3, 38.34N:0.08±72.92E±0.04, h10km, n55, t2817/70, mb3.8/3, MS3.0/3, 8C-4D, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Rows include IUG, IUG, IUG, IUG, MRKS, MRKS, AAK, AAK, CHMS, CHMS, TKM2, TKM2, TKM2, KK31, KK31, KK31.

Table with columns: Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Rows include KK31, KST, KST, KST, BRLS, BRLS, BRLS, BRLS, SGDS, SGDS, SGDS, SGDS, DGS, DGS, DGS, DGS, IZV, IZV, IZV, IZV, MTBS, MTBS, MTBS, TNSS, TNSS, TNSS, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, KATB, KATB, KATB, KUU, KUU, SATY, SATY, SATY, CHHK, CHHK, CHHK, CHHK, KURS, KURS, KURS, KURS, UZB, UZB, UZB, UZB, BTL, BTL, ARXS, ARXS, ARXS, ARXS, PDGK, PDGK, PDGK, PDGK, BLB, BLB, BLB, BLB, KATB, KATB, KATB, KATB, MKAR, MKAR, KURBB, AB31, AKTO, ZALV, BELG, EIL, FINES.

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for MKAR, MAKZ, KK31, etc.

AUST 10 06:33:53.6, 1.7, 32.20S, 122.24E, h0km, Error ellipse: s-maj=22.3km s-min=10.6km az=164.0

NOU 10 06:33:54.0, 32.32S, 122.26E, h0km, mb4.27, Western Australia

ISC 10 06:33:53.1, 1.32, 37S, 109.122, 33E, 0.05, h10km, n17, @1919Z, Western Australia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for KLBRR, NWAOW, etc.

IGQ 10 06:44:32.0, 9.0, S, 4.8, 1W, h10km

VAO 10 06:44:36.3, 1.0, 0.21S, 80.69W, h10km, mb4.5

NEIC 10 06:44:1.8, 2.5, 0.43S, 0.05, 80.18W, 0.09, h10km, 2km, mb4.2/13, Error ellipse: s-maj=15.1km s-min=9.3km az=270.0

ISC 10 06:44:36.9, 0.6, 0.33S, 0.04, 80.69W, 0.06, h16km, n143, @1947/136, mb4.0/11, MS3.4/8, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for AMNT, CHIS, etc.

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for PPLP, AV18, AV21, etc.

ETMB 10 06:33:54.0, 32.32S, 122.26E, h0km, mb4.27, Western Australia

ETMB 10 06:33:54.0, 32.32S, 122.26E, h0km, mb4.27, Western Australia

LPZAZ 10 06:33:54.0, 32.32S, 122.26E, h0km, mb4.27, Western Australia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for LPZAZ, LPZAZ, etc.

LVC 10 06:33:54.0, 32.32S, 122.26E, h0km, mb4.27, Western Australia

LVC 10 06:33:54.0, 32.32S, 122.26E, h0km, mb4.27, Western Australia

LVC 10 06:33:54.0, 32.32S, 122.26E, h0km, mb4.27, Western Australia

LVC 10 06:33:54.0, 32.32S, 122.26E, h0km, mb4.27, Western Australia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for LVC, LVC, etc.

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for BDFB, IPMB, ROSB, etc.

WEL 10 06:54:27.8, 0.8, 33.5, 8.1, 19W, 2.0, h294km, 15km, M2, 2/11, mB4.6/6, M4.7/13, MLV4.6/11, Mw(mB)3.8/6, Error ellipse: s-maj=0.0km s-min=0.0km az=110.7

ISC 10 06:54:23.5, 0.8, 32.57S, 108.180, 0E, 0.1, h344km, n47, @2047/6, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for GLKZ, WMGZ, HAZ, etc.

TUL 10 06:59:12.2, 1.2, 35.06N, 0.02, 97.61W, 0.03, h5km, 7km, ML2.2, 4, mb, Lg2.4/31(NEIC), Error ellipse: s-maj=3.6km s-min=1.5km az=64.0

NEIC 10 06:59:12.9, 0.2, 35.06N, 97.62W, h5km, ML3.0/8, Error ellipse: s-maj=2.8km s-min=2.1km az=94.0

NEIC 10 06:59:12.1, 1.2, 35.06N, 0.02, 97.55W, 0.01, h5km, 2km, Error ellipse: s-maj=3.1km s-min=3.0km az=355.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries for FNO, OKCSW, etc.

Table with columns: ID, Name, Time, Res, Az, Phase, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries like OK033, OK033, LOOK, DEOK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries like PGC, FUG, NUBE, NUBE, etc.

Table with columns: FNO, Franklin, Time, Res, Az, Phase, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries like FNO, Franklin, FNO, FNO, etc.

TEH 10 07:01:07.0,36.85N-55.22E,h11km,ML3.5,Northern and central Iran

Table with columns: ID, Name, Time, Res, Az, Phase, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries like JDS, JDS, JDS, JDS, etc.

BOAB BOACO BROADBAND 22 102,slow=42

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries like BOAB, BOACO, BROADBAND, etc.

NNC 10 07:17:39.0±0.5,50.02N-78.67E,h0km,mb3.6,mpv3.4, 20C-9D, Error ellipse: s-maj=5.4km s-min=2.6km az=72.0,Suspected Mining explosion.,Eastern

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries like KUR07, KUR07, KUR07, etc.

10d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FFC Flin Flon, INK Inuvik, ULM Lac du Bonnet, etc.

IDC 10 08:38:44.0 ± 0.1, 21.37S:68.28W, h103km, 20km, mb3.2/2, mbmp3.5/5, Error ellipse: s-maj=47.2km s-min=16.4km az=111.0

GUC 10 08:38:43.4 ± 0.7, 21.28S:68.68W, h103km, 4km, ML3.4
ISC 10 08:36:42.8 ± 0.9, 21.25S:0.04E:66.75W, 0.07, h112km, 10km, n21, c193/34, 6C-1D, Chile-Bolivia border region

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB01 IPOC Station P, etc.

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Table with columns: ZARC, DABV, SIOV, SIOV, MAPV, MAPV, BAUV, BENV, BENV, CACV, CACV. Includes station codes and coordinates.

SCB 10 09:23:24.4 ± 0.6, 20.57S:66.72W, h226km, 2km, ML3.1/5, Error ellipse: s-maj=6.5km s-min=6.4km az=1.0
IDC 10 09:23:25.8 ± 7.4, 20.00S:66.91W, h311km, 50km, mb3.1/1, mbmp3.5/3, Error ellipse: s-maj=122.2km s-min=52.7km az=27.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOCB Mochara, PB11 IPOC Station P, etc.

IDC 10 09:31:53.4 ± 0.5, 0.02S:100.03E, h0km, mb4.5/23, mbmp4.5/23, MS4.1/50, Error ellipse: s-maj=18.3km s-min=13.7km az=55.0

MOS 10 09:31:55.2 ± 1.8, 0.15N:100.09E, h17km, mb5.0/29, Error ellipse: s-maj=11.7km s-min=5.1km az=113.4
NEIC 10 09:31:56.7 ± 2.7, 0.03N:0.06E:100.09E:0.04, h8km, 3km, mb5.1/54, Error ellipse: s-maj=8.7km s-min=5.6km az=170.0

DJA 10 09:31:57.4 ± 0.1, 0.1N:1.10E, h10km, M5.0/46, mb5.4/22, mb4.9/46, MLV5.6/22, Mw(mB)4.9/22
GCMT 10 09:31:58.7 ± 0.2, 0.09N:0.01E:100.12E:0.01, h22km, 1km, MW5.0/11, Moment Tensor Solution, s59, c81, s11, c71, Duration: 0, Moment tensor: Scale: 1016Nm; Mw=0.82±.13; Mw-1.8±.10; Mw2.70±.13; Mw-0.71±.17; Mw3.75±.09; Mw-0.41±.18; Best double couple: M4.46500±0.16 N1P1±0.16400000±.80.000000°, λ-180.000000°. NP2±74.000000±.890.000000°, λ-10.000000°. Principal axes: T 4.8900, Plg7.0000°, Azm120.000000°; N -0.8490, Plg80.000000°, Azm252.000000°; P -4.0390, Plg8.000000°, Azm299.000000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 09:31:55.6 ± 0.6, 0.02S:100.06E:0.03, h6km, 3km, n374, c2609/348, mb4.9/119, MS4.2/68, 12C-7D, Southern Sumatra

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNSI Mandailing Nat, BKNI Bangkinang, etc.

Main table of station data with columns: SMRI, UGM WanaGama, PWJI Pagerwojo, etc. Includes station codes, coordinates, and additional data like Pn, P, S, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, TIP Timpanagrade, SBA Scott Base, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SNAA Sanae, JMJC Jan Mayen, EKKA Eskdalemuir Ar, TORO Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BBSP Saint-Philip, SLCP Castries, ST, SLBI Saint Lucia, B, etc.

Table with columns: KBZ, Khabaz, 80.50 339, P, P, 13 15 02.5 +1.8, etc. Includes stations like FETA, ABTA, SOKA, TUE, OBKA, PRED, MEWT, GEYT, GYA0B, BNI, MSSA, DIVS, BR131, BR1313, BRTR, BRTR, ESDC, ESDC, ASAR, H03N2, H03N1, H03N3, PLCA, KMBO, BOSA.

IDC 10 13:04:13.5, 1.4, 24.46S; 179.93E, h509km, 13km, m-3n=14, mbtm4, 4/17, Error ellipse: s-maj=19.4km, s-min=14.0km az=119.0

NEIC 10 13:04:13.2, 0.2, 24.4S; 0.1, 180.0W; 0.1, h155km, 7km, mb4.4/44, Error ellipse: s-maj=17.4km s-min=14.3km az=110.0

ISC 10 13:04:14.2, 0.5, 24.48S; 0.07-179.84E-0.08, h517km, n77, o110/83, mb4.3/33, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like MSVF, MSVF, MARNC, PINNC, OUMZ, DZM, DZM, AFI, AFI, URZ, URZ, BKZ, BKZ, SNZ, SNZ, THZ, THZ, RPZ, RPZ, ARMA, ARMA, EIDS, EIDS, CAN, CAN, CTAA, CTAA, TOO, TOO, STKA, STKA, PMG, PMG, COEN, COEN, MANU, MANU, BBOO, BBOO, AS31, AS31, ASAR, ASAR, ASAR, ASAR, WR0, WR0, WR0, WR0, WR0, WR0, WRA, WRA, WRA.

Table with columns: WRA, WRA, WRA, WRA, KNRA, FAKI, FAKI, VNSA, SBA, NWAO, PSA00, MBWA, MORW, MORW, TOL2, TOL2, QSPA, SBUM, KSM, MJAR, JSU, ADK, ADK, KSRS, KSRS, PEAOB, PEAOB, PETK, PETK, USRK, USRK, USRK, USRK, KULM, KULM, SLBS, SLBS, GSI, GSI, SNAH, NVAR, KVN, I07A, I07A, CMAR, CMAR, SEY, SEY, TXAR, TXAR, PDAR, PDAR, AKTO, AKTO, ARCES, ARCES, FINES, FINES, FINES, FINES, PABE, PABE, AKASO, AKASO, BRTR, BRTR, TORD, TORD, IDC 10 13:06:18.8, 0.8, 52.97N; 166.88W, h0km, mb4.1/28, mbtm4, 1/28, ML3, 1/1, MS3, 8/22, Error ellipse: s-maj=22.1km s-min=13.0km az=172.0, AEIC 10 13:06:20.7, 52.78N; 0.07, 166.76W; 0.07, h87km, 4km, Error ellipse: s-maj=10.4km s-min=5.6km az=168.0, NEIC 10 13:06:25.1, 1.7, 52.98N; 0.08, 166.94W; 0.07, h42km, 7km, mb4.4/48, ML3.8/41(AEIC), Error ellipse: s-maj=11.6km s-min=4.9km az=162.0, ISC 10 13:06:21.9, 0.5, 52.81N; 0.07-166.73W-0.04, h23km, n180, o125/162, mb4.4/55, MS3.8/22, 2C, Fox Islands

Table with columns: KDAK, SHEM, J20K, I21K, H21K, H21K, MLY, MLY, TGL, TGL, MDM, H23K, ILAR, GRNC, GRNC, BARN, BARN, CTGM, CTGM, CTGM, MZ7K, J26L, TOLK, DAWY, M30M, SKAG, N31M, N31M, N31M, P33M, P33M, FARO, FARO, EPYK, EPYK, DLBC, DLBC, PETK, PETK, PETK, INK, INK, INK, SEY, SEY, MA2, MA2, YKA, YKA, YKA, YBH, YBH, TIXI, TIXI, NVAR, NVAR, ELK, ELK, KLR, KLR, PDAR, PDAR, PDAR, H1N2, H1N2, H1N3, H1N3, H1N1, H1N1, H1S1, H1S1, H1S2, H1S2, H1S3, H1S3, PFO, PFO, O20A, O20A, MJAR, MJAR, MJAR, MAJO, MAJO, MJB9, MJB9, PV13, PV13, ANMO, ANMO, SEHB, SEHB, SEHB, KSRS, KSRS, KSRS, KSRS, KSAR, KSAR, FRB, FRB, TJN, TJN, SUMG, SUMG, SUMG, SUMG, ULN, ULN, ULN, SONM, SONM, SONM, SONM, SCH0, SCH0, TIA, TIA, TIA, HNS, HNS, HNS, SADO, SADO, SADO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DPC, Station Name, Az, Phase ID, Time, Res. Includes stations like Jan Mayen, ARCES, LYN, ZAAO, ZALV, etc.

CRAAG 10 13:21:13.0, 36.35N, 3.51E, M3.0
MDD 10 13:21:16.9, 1.5, 36.45N, 3.38E, h0km, Mb3.5/4,
M, mb2.7/4, Error ellipse: s-maj=14.0km s-min=5.9km
az=138.0
ISC 10 13:21:14.9, 1.0, 36.35N, 0.08, 3.51E, 0.06, h18km, n8,
1929/11, 4C, Northern Algeria

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, DPC, Station Name, Az, Phase ID, Time, Res. Includes stations like ADJB, AKET, EMHD, etc.

Table with columns: DPC, Station Name, Az, Phase ID, Time, Res, DPC, Station Name, Az, Phase ID, Time, Res. Includes stations like PVCC, KRLC, KRLC, etc.

10d 13h

Table with columns: RPZ, Rate Peaks, 31.42 202, P, P, 13 48 18.0 +3.8. Rows include various station call signs like FOZ, LBZ, ODZ, TAOE, etc.

2016 JUL

Table with columns: VVDA, Vanda, 63.55 186, P, P, 13 52 25.3 +2.1. Rows include various station call signs like VVDA, VVDA, VVDA, etc.

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Table with columns: MONP2, Monument Peak, 72.28 48, P, P, 13 53 19.6 +0.5. Rows include various station call signs like MONP2, MONP2, MONP2, etc.

Table with columns: MOD, Name, Date, Time, Status, Location, and various numerical data points.

Table with columns: ELK, Name, Date, Time, Status, Location, and various numerical data points.

Table with columns: Name, Date, Time, Status, Location, and various numerical data points.

10d 13h

Table listing stations and their metrics. Columns include station code, name, time (comp-Z, time), frequency, mode, and various performance metrics (e.g., SNR, SIN, BER, etc.).

2016 JUL

Table listing stations and their metrics for the month of July 2016. Columns include station code, name, time (comp-Z, time), frequency, mode, and various performance metrics.

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Table listing stations and their metrics. Columns include station code, name, time (comp-Z, time), frequency, mode, and various performance metrics.

10d 13h

2016 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like MIAR, Z41A, MDND, L34A, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, OXF, VNA2, FVM, ULM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAK, Y52A, T50A, R49A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, etc. Includes stations like AF1 Afiamalu, RAR Rarotonga, etc.

Table with columns: H1N13, H1N11, H1N12, MTSU, CMSA, QLP, COEN, COEN, TOOL, TOOL, TOOL, TOOL, TOOL, TOOL, etc. Includes stations like WAKE ISLAND HY, MOUNT SURPRISE, etc.

Table with columns: TTSI, JYT, MPIS, JMM, SHEM, SMY, SMY, SMY, MJAR, MJAR, MAJO, MAJO, MAJO, etc. Includes stations like Tana Toraja, Yasato, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like KSH Kashi, SFJD Kangerlussuaq, AAK Ala-Archa, etc.

Table with columns: DPC, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Dobruska-Polom, NIE Niedzka, TSUM Tsuameb, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like LODK Lodwar, RUDO Rudo, SJES Sjenca, etc.

Additional technical data and notes at the bottom right, including coordinates and station identifiers like 'IDC 10 13:57:08.0.0.85:77N.165:65E, h0km, mb3.5/14...'.

KBG	Krutoberegovo	1.68 288	eP	Pn	13 57 36.3	-2.3
KBG			eS	Sn	13 57 57.2	-3.1
SMKR	Semkarok	2.44 291	PN	Pn	13 57 48.6	-0.5
SMKR			S	Sn	13 58 18.9	-0.1
SMKR	Semkarok	2.44 291	eP	Pn	13 57 48.6	-0.5
SMKR			S	Sn	13 58 18.9	-0.1
MKZ	Mys Kozlova	2.52 243	PN	Pn	13 57 49.0	-1.1
MKZ			S	Sn	13 58 19.2	-1.6
MKZ	Mys Kozlova	2.52 243	eP	Pn	13 57 49.0	-1.1
MKZ			S	Sn	13 58 19.2	-1.6
BDR	Baidarnaya	2.57 290	PN	Pn	13 57 51.3	+0.4
BDR			S	Sn	13 58 21.0	+1.3
BDR	Baidarnaya	2.57 290	eP	Pn	13 57 51.3	+0.4
BDR			S	Sn	13 58 21.0	+1.3
SRKR	Sorokina	2.62 292	PN	Pn	13 57 51.4	-0.1
SRKR			S	Sn	13 57 51.4	-0.1
SRKR	Sorokina	2.62 292	eP	Pn	13 57 51.4	-0.1
SRKR			S	Sn	13 57 51.4	-0.1
KLY	Klyuchi	2.81 283	PN	Pn	13 57 52.5	-1.7
KLY			S	Sn	13 58 26.5	-1.7
KLY	Klyuchi	2.81 283	eP	Pn	13 57 52.5	-1.7
KLY			S	Sn	13 58 26.5	-1.7
KRSR	Krestovskiy	2.85 281	PN	Pn	13 57 54.6	-0.2
KRSR			S	Sn	13 57 54.6	-0.2
KRSR	Krestovskiy	2.85 281	eP	Pn	13 57 54.6	-0.2
KRSR			S	Sn	13 57 54.6	-0.2
KIRR	Kirishev	2.95 276	PN	Pn	13 57 56.5	+0.2
KIRR			S	Sn	13 57 56.5	+0.2
KIRR	Kirishev	2.95 276	eP	Pn	13 57 56.5	+0.2
KIRR			S	Sn	13 57 56.5	+0.2
KMNR	Kamenistaya	3.02 272	PN	Pn	13 57 57.7	+0.7
KMNR			S	Sn	13 57 57.7	+0.7
KMNR	Kamenistaya	3.02 272	eP	Pn	13 57 57.7	+0.7
KMNR			S	Sn	13 57 57.7	+0.7
KPT	Kopyto	3.02 276	PN	Pn	13 57 57.7	+0.6
KPT			S	Sn	13 57 57.7	+0.6
KPT	Kopyto	3.02 276	eP	Pn	13 57 57.7	+0.6
KPT			S	Sn	13 57 57.7	+0.6
TUMR	Tumrok	3.12 263	PN	Pn	13 57 59.0	+0.5
TUMR			S	Sn	13 58 00.6	+0.8
TUMR	Tumrok	3.12 263	eP	Pn	13 57 59.0	+0.5
TUMR			S	Sn	13 58 00.6	+0.8
KOZ	Kozyrevsk	3.22 278	PN	Pn	13 58 00.6	+0.8
KOZ			S	Sn	13 58 10.4	+1.6
KOZ	Kozyrevsk	3.22 278	eP	Pn	13 58 00.6	+0.8
KOZ			S	Sn	13 58 10.4	+1.6
ESO	Esso	3.88 275	PN	Pn	13 58 23.1	+0.5
ESO			S	Sn	13 58 23.1	+0.5
ESO	Esso	3.88 275	eP	Pn	13 58 23.1	+0.5
ESO			S	Sn	13 58 23.1	+0.5
KII	Karymskiy	3.94 246	PN	Pn	13 58 09.5	-0.2
KII			S	Sn	13 58 09.5	-0.2
KII	Karymskiy	3.94 246	eP	Pn	13 58 09.5	-0.2
KII			S	Sn	13 58 09.5	-0.2
SPN	Mys Shipunski	4.20 233	PN	Pn	13 58 12.5	+0.7
SPN			S	Sn	13 58 12.5	+0.7
SPN	Mys Shipunski	4.20 233	eP	Pn	13 58 12.5	+0.7
SPN			S	Sn	13 58 12.5	+0.7
SDLR	Sedlovina	4.62 240	PN	Pn	13 58 19.3	+0.1
SDLR			S	Sn	13 58 20.0	+1.0
SDLR	Sedlovina	4.62 240	eP	Pn	13 58 19.3	+0.1
SDLR			S	Sn	13 58 20.0	+1.0
SMAR	Somma	4.67 240	PN	Pn	13 58 20.0	+1.0
SMAR			S	Sn	13 58 20.0	+1.0
SMAR	Somma	4.67 240	eP	Pn	13 58 20.0	+1.0
SMAR			S	Sn	13 58 20.0	+1.0
KRER	Koryakskii	4.68 241	PN	Pn	13 58 20.3	+0.3
KRER			S	Sn	13 58 20.3	+0.3
KRER	Koryakskii	4.68 241	eP	Pn	13 58 20.3	+0.3
KRER			S	Sn	13 58 20.3	+0.3
ARIK	Arik	4.70 242	PN	Pn	13 58 20.9	+0.7
ARIK			S	Sn	13 58 20.9	+0.7
ARIK	Arik	4.70 242	eP	Pn	13 58 20.9	+0.7
ARIK			S	Sn	13 58 20.9	+0.7
UGLR	Uglovaya	4.70 240	PN	Pn	13 58 20.7	+0.6
UGLR			S	Sn	13 58 20.7	+0.6
UGLR	Uglovaya	4.70 240	eP	Pn	13 58 20.7	+0.6
UGLR			S	Sn	13 58 20.7	+0.6
KOK	Koryaka	4.74 241	PN	Pn	13 58 21.6	+0.9
KOK			S	Sn	13 58 21.6	+0.9
KOK	Koryaka	4.74 241	eP	Pn	13 58 21.6	+0.9
KOK			S	Sn	13 58 21.6	+0.9
DALK	Dalny	4.83 238	PN	Pn	13 58 21.4	-0.5
DALK			S	Sn	13 58 21.4	-0.5
DALK	Dalny	4.83 238	eP	Pn	13 58 21.4	-0.5
DALK			S	Sn	13 58 21.4	-0.5
GNL	Ganally	4.88 248	PN	Pn	13 58 23.7	+1.0
GNL			S	Sn	13 58 23.7	+1.0
GNL	Ganally	4.88 248	eP	Pn	13 58 23.7	+1.0
GNL			S	Sn	13 58 23.7	+1.0
PET	Petropavlovsk	4.89 239	PN	Pn	13 58 22.6	-1.0
PET			S	Sn	13 58 22.6	-1.0
PET	Petropavlovsk	4.89 239	eP	Pn	13 58 22.6	-1.0
PET			S	Sn	13 58 22.6	-1.0
PET			smax	smax		
PET	comp=N,160nm,0.7s					
PET	Petropavlovsk	4.89 239	eP	Pn	13 58 22.9	+0.3
PET			S	Sn	13 58 22.9	+0.3
PET	Petropavlovsk	4.89 239	eP	Pn	13 58 22.9	+0.3
PET			S	Sn	13 58 22.9	+0.3
KRMR	Karymskiy	5.26 239	PN	Pn	13 58 28.7	+1.0
KRMR			S	Sn	13 58 28.7	+1.0
KRMR	Karymskiy	5.26 239	eP	Pn	13 58 28.7	+1.0
KRMR			S	Sn	13 58 28.7	+1.0
PEAOB	Petropavlovsk-	5.31 243	PN	Pn	13 58 28.5	0.0
PEAOB			S	Sn	13 58 28.5	0.0
PEAOB	Petropavlovsk-	5.31 243	eP	Pn	13 58 28.5	0.0
PEAOB			S	Sn	13 58 28.5	0.0
PETK	Petropavlovsk-	5.31 243	PN	Pn	13 58 28.7	+0.2
PETK			S	Sn	13 58 28.7	+0.2
PETK	comp=N,1.4nm,0.3s,baz=72,slow=16,SNR=38					
PETK			S	Sn	13 59 32.4	+2.6
PETK	baz=50,slow=12					
PETK	comp=N,1.2nm,0.3s					
PETK			S	Sn	13 58 28.5	0.0
RUS	Russkaya	5.33 234	PN	Pn	13 58 28.2	-0.5
RUS			S	Sn	13 58 28.2	-0.5
RUS	Russkaya	5.33 234	eP	Pn	13 58 28.2	-0.5
RUS			S	Sn	13 58 28.2	-0.5
MTRV	Mutnovka	5.45 236	PN	Pn	13 58 30.8	+0.3
MTRV			S	Sn	13 58 30.8	+0.3
MTRV	Mutnovka	5.45 236	eP	Pn	13 58 30.8	+0.3
MTRV			S	Sn	13 58 30.8	+0.3
GRL	Gorelyy	5.46 237	PN	Pn	13 58 31.4	+0.8
GRL			S	Sn	13 58 31.4	+0.8
GRL	Gorelyy	5.46 237	eP	Pn	13 58 31.4	+0.8
GRL			S	Sn	13 58 31.4	+0.8
SMY	Shemya	5.85 118	PN	Pn	13 58 34.8	-1.1
SMY			S	Sn	13 58 34.8	-1.1
SMY	Shemya	5.85 118	eP	Pn	13 58 34.8	-1.1
SMY			S	Sn	13 58 34.8	-1.1
KDTR	Khodutka, Kamc	5.95 231	PN	Pn	13 58 36.9	-0.4
KDTR			S	Sn	13 58 36.9	-0.4
KDTR	Khodutka, Kamc	5.95 231	eP	Pn	13 58 36.9	-0.4
KDTR			S	Sn	13 58 36.9	-0.4
KDTR			S	Sn	13 59 42.6	-2.9
KDTR			S	Sn	14 10 13.5	
YAK	Yakutsk	19.37 304	LR	LR		
YAK	comp=N,266nm,19.3s,baz=164,slow=40					
ERM	Ermo	20.04 236	P	P	14 01 41.1	-1.0
ERM			S	Sn	14 01 41.1	-1.0
ERM	Ermo	20.04 236	eP	P	14 01 41.1	-1.0
ERM			S	Sn	14 01 41.1	-1.0
ERM	comp=Z,40nm,1.3s					
SEW	Seward	23.90 61	P	P	14 02 22.2	-0.4
SEW			Iamb	Iamb	14 02 22.8	
SEW	comp=Z,7.5nm,1.0s					
ILAR	Elison Array	24.65 49	P	P	14 02 29.2	-0.4
ILAR	comp=Z,0.5nm,0.9s,baz=264,slow=9.0,SNR=2.9					
ILAR	comp=Z,0.5nm,0.9s					
MJAR	Matsushiro Arr	26.71 235	P	P	14 02 49.3	+0.8
MJAR	comp=Z,0.9nm,0.4s,baz=214,slow=8.5,SNR=2.2					
MJAR	comp=Z,0.9nm,0.4s					
INK	Inuvik	29.77 41	P	P	14 03 15.0	-0.4
INK	comp=Z,0.9nm,0.9s,baz=260,slow=6.1,SNR=1.3					
INK	comp=Z,0.9nm,0.9s					
INK	Inuvik	29.77 41	P	P	14 03 15.0	-0.4
INK	comp=Z,3.0nm,1.1s					
KRSR	Korea Array	31.17 250	P	P	14 03 28.6	+0.6
KRSR	comp=Z,0.7nm,0.7s,baz=232,slow=10.0,SNR=2.9					
KRSR	comp=Z,0.7nm,0.7s					
SOMM	Songino Array	36.42 283	P	P	14 04 14.6	+0.8
SOMM	comp=Z,0.4nm,0.4s,baz=53,slow=43,SNR=2.5					
SOMM	comp=Z,0.4nm,0.4s					
KURK	Kurchatov	49.01 303	P	P	14 05 56.8	+1.1
KURB	Kurchatov Arra	49.12 303	P	P	14 05 56.8	+0.3
KURB	comp=Z,0.8nm,0.5s,baz=53,slow=7.9,SNR=6.3					
KURB	comp=Z,0.8nm,0.5s					
MK31	Makanchi Array	49.84 297	P	P	14 06 01.8	-0.4
MK31	comp=Z,3.3nm,1.3s		Iamb	Iamb	14 06 40.8	
MK31	Makanchi Array	49.84 297	P	P	14 06 01.8	-0.4
MK31	comp=Z,3.0nm,1.1s					
MKAR	Makanchi Array	49.84 297	P	P	14 06 01.8	-0.4
MKAR	comp=Z,0.6nm,0.8s,baz=35,slow=5.9,SNR=2.3					
MKAR	comp=Z,0.6nm,0.8s					
MKAR	Makanchi Array	49.84 297	P	P	14 06 02.0	-1.2
MKAR	comp=Z,0.2nm,0.5s,baz=329,slow=6.9,SNR=2.3					
MKAR	comp=Z,0.2nm,0.5s					
PDAR	Pinedale Array	53.46 66	P	P	14 06 30.1	+0.6
PDAR	comp=Z,0.3nm,0.6s,baz=294,slow=4.7,SNR=4.7					
PDAR	comp=Z,0.3nm,0.6s					
FINES	FINES Array B	58.87 339	P	P	14 07 55.0	+0.7
FINES	comp=Z,1.1nm,0.9s,baz=19,slow=8.8,SNR=1.6					
FINES	comp=Z,1.1nm,0.9s					
CMAR	Chiang Mai Arr	61.81 261	P	P	14 07 29.1	+0.9
CMAR	comp=Z,0.3nm,0.4s,baz=16,slow=6.8,SNR=1.6					
CMAR	comp=Z,0.3nm,0.4s					
TXAR	Lajitas Array	66.70 72	P	P	14 08 01.0	+0.7
TXAR	comp=Z,0.3nm,0.7s,baz=298,slow=4.5,SNR=4.8					
TXAR	comp=Z,0.3nm,0.7s					
TXAR	Lajitas Array	66.70 72	P	P	14 08 01.0	+0.7
TXAR	comp=Z,0.3nm,0.7s					
AKASA	Malin Array Be	67.87 392	P	P	14 08 08.2	+0.9
AKASA	comp=Z,0.3nm,0.5s,baz=30,slow=6.4,SNR=1.5					
AKASA	comp=Z,0.3nm,0.5s					
ASAR	Alice Springs	83.58 209	P	P	14 09 38.0	+0.7
ASAR	comp=Z,0.4nm,1.0s,baz=18,slow=5.0,SNR=1.5					
ASAR	comp=Z,0.4nm,1.0s					

Code	Station Name	A°	AZ°	Phase ID	Time	Res
KUR	Kuril'sk	3.74	259.0	Op	14 08 09.0	+1.8
KUR				ISC	14 08 53.2	+3.1
KUR	comp=N,373nm,0.3s			Pn		
KUR				smax		

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, SNR=25, SNR=30).

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, SNR=25, SNR=30).

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, SNR=25, SNR=30).

10d 14h

TCF	comp=E,68nm,0.6s	eSg	Sg	14 31 01.4 +1.1
ZCCA	Zocca	3.24 106 P	Pb	14 30 12.6 -1.3
ZCCA	comp=E,63µm,1.3s	AML	AML	
CAF	comp=N,54µm,0.7s	eP	Pn	14 30 09.9 +2.4
CAF	Calviac	3.26 264 eP	Pg	14 30 17.8 -1.2
CAF	Calviac	3.26 264 eP	Sg	14 30 59.9 -1.2
PGF	comp=N,12nm,0.4s	eP	Pn	14 30 09.6 +1.9
PGF	Pioggiola	3.27 148 eP	Sn	14 30 43.4 -3.3
PAGF	comp=N,4.2nm,0.2s	eP	Pn	14 30 09.7 +2.0
PAGF	Fort de Pagny	3.28 349 eP	Sg	14 30 59.4 -2.1
FETA	comp=N,88nm,0.6s	ePn	Pb	14 30 12.9 -2.1
FETA	Feichten	3.30 58 ePn	Pb	14 30 12.9 -2.1
MEZF	comp=N,1.6nm,0.7s,SNR=12	eP	Pb	14 30 10.6 +2.0
MEZF	Matzierses J'vi	3.34 342 eP	Pb	14 30 18.5 +2.8
MEZF	Matzierses J'vi	3.34 342 eP	Sg	14 31 01.7 -2.0
UBR	comp=N,126nm,0.7s	ePn	Pn	14 30 11.7 +3.0
HYF	Ueberruh	3.35 44 ePn	Pn	14 30 11.7 +2.6
HYF	Humbigny	3.38 306 eP	Sg	14 31 03.7 -1.0
SAVF	comp=N,93nm,0.7s	eSg	Sg	14 31 04.3 -2.3
SAVF	Savonnieres en	3.44 343 eP	Sg	14 31 04.3 -2.3
ABSI	comp=N,3.9nm,0.5s	ePn	Pb	14 30 18.8 -0.4
RETA	Aberstueckl	3.57 52 ePn	Pb	14 30 13.9 +2.1
RJF	comp=N,1.0nm,0.2s	eP	Pg	14 30 15.1 +2.8
RJF	Les Rejaudoux	3.61 271 eP	Pn	14 30 23.9 -1.6
RJF	Les Rejaudoux	3.61 271 eP	Sg	14 31 11.4 -0.9
MOTA	comp=N,46nm,0.5s	ePn	Pn	14 30 16.3 +2.8
MOTA	Micosalm	3.69 55 ePn	Pn	14 30 14.3 +0.9
SQTA	comp=N,3.9nm,0.5s	ePn	Pn	14 30 16.6 +2.4
MTLF	Sankt Quirin	3.75 239 eP	Pb	14 30 26.0 +3.5
MTLF	Montlieu	3.75 239 eP	Sn	14 30 56.5 -1.8
MTLF	Montlieu	3.75 239 eP	Sg	14 31 15.8 -0.8
WATA	comp=N,20nm,0.6s	ePn	Pn	14 30 21.1 +3.8
WATA	Waldersalm	3.96 58 ePn	Pn	14 30 21.0 +3.7
WTTA	comp=N,1.3nm,0.3s	ePn	Pn	14 30 23.3 +3.1
LFF	Wattenberg	3.96 59 ePn	Pn	14 30 24.2 -1.8
LFF	La Frestale	4.19 267 eP	Sg	14 31 29.2 -1.7
LFF	La Frestale	4.19 267 eP	Sg	14 30 24.6 +2.4
ABTA	comp=N,37nm,0.6s	ePn	Pg	14 30 45.1 +2.6
ABTA	Abfaltersbach	4.33 69 ePn	Pg	14 30 49.3 -0.1
PE3	comp=N,1.9nm,0.3s	eP	Pg	14 30 29.6 -0.3
COR1	Peglio	4.86 108 P	Pn	14 30 48.8 -1.2
MFF	Corinaldo	4.89 287 ePn	Pg	14 31 23.8 -2.8
MFF	Saint Martin d	4.89 287 eP	Sn	14 31 51.0 -2.4
MFF	Saint Martin d	4.89 287 eP	Sg	14 30 32.5 +2.3
MFF	Saint Martin d	4.89 287 eP	Sg	14 30 47.4 -3.1
MFF	Saint Martin d	4.89 287 eP	Sg	14 31 50.9 -3.3
GIVF	comp=N,9.1nm,0.5s	eP	Pn	14 30 33.2 +1.9
GIVF	Givet	5.00 342 eP	Sn	14 31 26.4 -2.7
GIVF	Givet	5.00 342 eP	Sg	14 31 53.4 -3.3
BAIF	comp=N,43nm,0.7s	eSg	Sg	14 30 33.9 +1.8
BAIF	Baives	5.05 73 ePn	Pn	14 30 35.7 +3.1
BAIF	Baives	5.05 73 ePn	Sg	14 31 56.9 -2.6
MYKA	comp=N,19nm,0.6s	ePn	Pn	14 30 41.4 +1.1
MYKA	Terra Mystica	5.64 127 P	Pn	14 30 45.1 +5.0
EPF	comp=N,3.3nm,0.4s	ePn	Pn	14 30 42.4 +2.0
EPF	Esparrros	5.66 308 eP	Pg	14 31 02.3 -2.3
EPF	Esparrros	5.66 308 eP	Sg	14 31 41.7 -3.6
OBKA	comp=N,7.5nm,0.5s	ePn	Pn	14 32 14.6 -3.2
OBKA	Obir	5.64 75 ePn	Pn	14 30 45.3 +3.9
RMP	comp=N,4.2nm,0.6s	ePn	Pn	14 32 16.8 -3.3
RMP	Rome, Mte Porz	5.64 127 P	Pn	14 30 45.1 +5.0
LDF	La Druitiere	5.66 308 eP	Pg	14 31 02.3 -2.3
LDF	La Druitiere	5.66 308 eP	Sg	14 31 41.7 -3.6
ETSF	comp=N,18nm,0.7s	eP	Sg	14 30 45.2 +2.5
ETSF	Etsaut	5.73 247 eP	Sg	14 30 46.1 +1.7
MOA	comp=N,3.0nm,0.5s	ePn	Pn	14 31 49.2 -3.3
MOA	Molin	5.83 62 ePn	Pn	14 30 46.7 +2.0
FLN	comp=N,1.6nm,0.4s	eP	Sn	14 31 08.6 -2.1
FLN	La Foliniere	5.95 308 eP	Sn	14 31 49.5 -3.7
GRR	comp=N,4.9nm,0.3s	ePn	Pn	14 30 48.0 +2.8
GRR	Gorron	5.98 303 eP	Pg	14 30 49.3 +3.4
GRR	Gorron	5.98 303 eP	Sg	14 31 57.9 +2.6
SOKA	comp=N,1.7nm,0.5s	ePn	Pn	14 32 36.0 +5.3
SOKA	Soboth	6.00 74 ePn	Pn	14 32 29.0 -2.2
KHC	comp=N,4.9nm,0.3s	ePn	Pn	14 30 51.3 +2.2
KHC	Kasperske Hory	6.06 49 ePn	Sn	14 32 02.8 +1.9
KHC	Kasperske Hory	6.06 49 ePn	Sg	14 30 51.8 +0.5
SJPF	comp=N,1.9nm,0.4s	ePn	Pn	14 31 07.9 -2.9
SJPF	Ste Jean	6.07 251 ePn	Pn	14 30 59.5 +2.6
SJPF	Ste Jean	6.07 251 ePn	Sg	14 31 01.7 +1.9
CKRC	comp=N,3.1nm,0.4s	ePn	Pn	14 33 09.6 +6.3
CKRC	Cesky Krumlov	6.29 54 ePn	Sn	14 31 01.9 0.0
CKRC	Cesky Krumlov	6.29 54 ePn	Sg	14 32 19.4 -4.5
ARSA	comp=N,2.1nm,0.4s	ePn	Pb	14 33 36.0 -0.4
ZAG	comp=N,4.9nm,0.3s	ePn	Pn	14 33 18.0 +6.8
CONA	comp=N,1.7nm,0.5s	ePn	Pn	14 31 43.9 +6.3
SGMF	comp=N,3.1nm,0.4s	ePn	Pn	14 32 28.2
RONA	Saint Gilles	6.95 298 eP	Pn	14 32 30.6
RONA	Rosalia, Austr	7.07 67 ePn	Pn	14 33 11.8
PRU	comp=N,2.1nm,0.5s	eSg	Sg	14 33 26.6
QUIF	Pruhonice	7.08 46 eSg	Sg	15 06 06.0
QUIF	Quistinic	7.22 294 ePn	Sn	15 06 08.0
CLL	comp=N,2.8nm,1.1s	eSg	Pg	15 06 22.0
CLL	Colim	7.32 33 eP	Pg	14 31 03.7 -1.0
BRG	comp=E,1.2nm,19.1s	Amp	Pn	14 32 24.0 -4.9
BRG	Berggiesshubel	7.38 39 (Pg) Amp	Pg	14 31 43.9 +6.3
BRG	Berggiesshubel	7.38 39 (Pg) Amp	x	14 32 28.2
BRG	Berggiesshubel	7.38 39 (Pg) Amp	x	14 32 30.6
BRG	comp=Z,2.4nm,0.7s	Amp	x	14 33 11.8
BRG	Berggiesshubel	7.38 39 (Pg) Amp	x	14 33 26.6
BRG	comp=Z,4.5nm,0.7s	Amp	x	15 06 06.0
BRG	Berggiesshubel	7.38 39 (Pg) Amp	x	15 06 08.0
BRG	comp=N,1.6nm,21.7s	Amp	x	15 06 22.0
BRG	Berggiesshubel	7.38 39 (Pg) Amp	x	14 31 03.7 -1.0
ROSF	comp=Z,2.3nm,23.5s	ePn	Pn	14 32 24.0 -4.9
ROSF	Rostrenen	7.43 297 ePn	Pn	14 31 03.7 -1.0
ROSF	Rostrenen	7.43 297 ePn	Sg	14 32 24.0 -4.9

JMA 10 14:32:11.9,0.4,24:6N,0.5:12°2E, h59km,3km,MV2.9/B, TAIWAN REGION
 TAP 10 14:32:12.4,24:63N,121°62E,h54km,ML3.8,B
 ISC 10 14:32:12.9,1.2,24:66N,0.02:121°63E,0.02,h52km,4km, n110,0.078/195,17C-22D,Taiwan

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
TWE	Neicheng	0.07 28	Op	14 32 21.1	+0.4
TWE	Neicheng	0.07 28	S	14 32 27.1	+0.5
NDS	Dongshan	0.08 108	P	14 32 21.2	+0.3
NDS	Dongshan	0.08 108	S	14 32 27.1	+0.5
FUSB	Fushanzhiwuyua	0.11 339	Op	14 32 21.2	+0.1
FUSB	Fushanzhiwuyua	0.11 339	S	14 32 26.8	-0.2
ILA	ilan	0.15 45	P	14 32 21.8	+0.6
ILA	ilan	0.15 45	S	14 32 28.4	+1.3

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LATG	baz=44 Datong	0.15 218 eP	Pn	14 32 21.6 +0.2
LATG	Datong	0.15 218 eP	S	14 32 27.7 +0.3
NWLT	Wulai	0.17 315	Pn	14 32 21.3 0.0
NWLT	Wulai	0.17 315	S	14 32 26.9 -0.4
TWC	Suao	0.20 104	Pn	14 32 21.7 +0.2
TWC	Suao	0.20 104	S	14 32 28.0 +0.4
YHNB	Yeheng	0.23 273	Pn	14 32 21.6 -0.2
YHNB	Yeheng	0.23 273	S	14 32 27.8 -0.3
NSK	Sanguang	0.25 274	Pn	14 32 21.6 -0.2
NSK	Sanguang	0.25 274	S	14 32 27.9 -0.4
ENA	Nanau	0.25 156	Pn	14 32 21.4 -0.4
ENA	Nanau	0.25 156	S	14 32 28.2 0.0
EWUT	Wuta	0.25 148	Pn	14 32 21.5 -0.3
EWUT	Wuta	0.25 148	S	14 32 28.0 -0.2
NTC	Toucheng	0.27 43	eP	14 32 22.2 +0.3
NTC	Toucheng	0.27 43	S	14 32 28.5 +0.1
NHND	Xindian Distri	0.32 342	Pn	14 32 22.4 0.0
NHND	Xindian Distri	0.32 342	S	14 32 29.2 0.0
NNS	Nan Shan	0.32 227	Pn	14 32 22.6 +0.1
NNS	Nan Shan	0.32 227	S	14 32 29.6 +0.1
NNSB	Datong	0.32 225	Op	14 32 22.7 +0.1
NNSB	Datong	0.32 225	S	14 32 29.5 0.0
NNSH	Datong	0.32 225	Op	14 32 22.7 +0.1
NNSH	Datong	0.32 225	S	14 32 29.4 0.0
TWA	Mufen	0.32 352	Op	14 32 22.5 +0.1
TWA	Mufen	0.32 352	S	14 32 29.4 +0.1
EGS	baz=51	0.33 56	Op	14 32 23.4 +1.0
EGS	baz=51	0.33 56	S	14 32 30.2 +0.8
TATO	Taipei	0.34 338	eP	14 32 22.4 -0.2
TATO	Taipei	0.34 338	S	14 32 29.1 -0.4
TIPB	Shuangxi	0.36 30	Op	14 32 23.1 +0.3
TIPB	Shuangxi	0.36 30	S	14 32 30.1 +0.2
BACT	New Taipei Cit	0.38 333	Pn	14 32 23.1 +0.1
BACT	New Taipei Cit	0.38 333	S	14 32 30.5 +0.4
TAP	Taipei	0.40 343	eS	14 32 30.8 +0.3
NWF	Wufen Shan	0.43 18	Op	14 32 23.9 +0.2
NWF	Wufen Shan	0.43 18	S	14 32 31.4 +0.1
WFSB	Wu-fen Shan	0.43 18	Op	14 32 23.9 +0.3
WFSB	Wu-fen Shan	0.43 18	S	14 32 31.2 0.0
NFF	Wufeng Townshi	0.47 267	Op	14 32 23.9 -0.1
NFF	Wufeng Townshi	0.47 267	S	14 32 31.6 -0.4
ETLH	Xiulin Townshi	0.47 197	Op	14 32 23.7 -0.3
ETLH	Xiulin Townshi	0.47 197	S	14 32 31.8 -0.3
TWS1	Kuangyinshan	0.48 336	Op	14 32 24.3 +0.2
TWS1	Kuangyinshan	0.48 336	S	14 32 32.8 +0.7
NACB	Ninganchiao	0.48 184	Op	14 32 23.0 -1.1
NACB	Ninganchiao	0.48 184	S	14 32 32.2 +0.1
SX11	Grass Mountain	0.49 27	Op	14 32 24.3 +0.1
SX11	Grass Mountain	0.49 27	S	14 32 32.5 +0.2
YM01	YM01	0.49 354	Op	14 32 24.2 0.0
YM01	YM01	0.49 354	S	14 32 32.2 -0.1
ETL	Fush Village	0.50 181	Pn	14 32 23.2 -1.1
ETL	Fush Village	0.50 181	S	14 32 31.7 -0.7
NCU	National Centr	0.51 308	Op	14 32 24.5 +0.1
NCU	National Centr	0.51 308	S	14 32 33.1 +0.4
NCUH	Zhongli	0.51 307	eP	14 32 24.2 -0.2
NCUH	Zhongli	0.51 307	S	14 32 32.5 -0.2
NTST	Danshui	0.53 342	P	14 32 24.8 +0.2
NTST	Danshui	0.53 342	S	14 32 33.6 +0.5
ANP	Anpu	0.54 349	P	14 32 24.5 -0.3
ANP	Anpu	0.54 349	S	14 32 33.0 -0.3
FUSS	Fushou	0.54 221	P	14 32 25.4 +0.4
FUSS	Fushou	0.54 221	S	14 32 33.6 -0.1
LIOB	Emei	0.56 269	Op	14 32 25.0 0.0
LIOB	Emei	0.56 269	S	14 32 33.9 +0.1
NSTT	Nanjuang	0.57 267	Op	14 32 25.0 -0.2
NSTT	Nanjuang	0.57 267	S	14 32 34

Table listing astronomical observations for 10 days in July 2016, 16 hours per day. Includes columns for object name, magnitude, position (RA, Dec), and observation details.

Table listing astronomical observations for 10 days in July 2016, 16 hours per day. Includes columns for object name, magnitude, position (RA, Dec), and observation details.

Table listing astronomical observations for 10 days in July 2016, 16 hours per day. Includes columns for object name, magnitude, position (RA, Dec), and observation details.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTE Manteigas, PAB Casimiro, PCAS Casimiro, etc.

ATH 10:16:50.32,4,37°53N,23°64E, h17km,5km,ML1,8/4, Error ellipse: s-maj=5.3km s-min=0.9km az=177.0, Southern Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YDRA Hydra, VLY Voula, KRND Kranidi, etc.

DJA 17:01:10.9;1.0,5°S;5°15'4E, h40km,8km,MS,0/22, mB5.3/4, mb4.6/22,MLv5.3/2, Mw(m)B4.7/4

DC 10:17:01.12.8;1.1,4.48S,153°27'E, h59km,9km,mb4.0/20, mbmp4.3/23,MS3.7/9, Error ellipse: s-maj=11.7km s-min=8.7km az=46.0

NEIC 10:17:01.13.7;1.7,4.5S;0°1'153.22E;0.09, h59km,9km, mb4.7/24, Error ellipse: s-maj=16.5km s-min=9.9km az=215.0

ISC 10:17:01.12.5;0.4,4.56S;0.06;153°23E;0.06, h50km, n73, +r149/79, mb4.5/39, MS3.8/7, New Ireland region az=215.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, MANU Manus Island, etc.

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

ASAR Alice Springs 26.62 223 P P 17 06 47.7 +1.1

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

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

TUL 10:17:38:01:1.2,35°06N;0°02:97°61W;0°02, h4km,7km, ML2.7, mb_Lg2,8/62(NEIC), Error ellipse: s-maj=2.8km s-min=1.9km az=179.0

NEIC 10:17:38:01:2.1,8,35.04N;0°01:97°58W;0°02, h7km,6km, Error ellipse: s-maj=3.1km s-min=1.0km az=61.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FNO Franklin, OKCF Oklahoma City, OKCFA Smith Ranch, etc.

MOS 10:17:45:12.4;1.4,52°38N;143°19'E, h8km, mb4.2/3, Error ellipse: s-maj=14.6km s-min=8.0km az=85.8

MOS Fell (III-IV) at Val, IDC 10:17:45:13.1;0.7,52°44N;143°02'E, h0km, mb3.6/9, mbmp3.9/13, ML2.7/4, MS2.9/1, Error ellipse: s-maj=26.3km s-min=15.4km az=144.0

SKHL 10:17:45:14.4;0.3,52°30N;142°60'E, h10km,2km, mb4.7/7, ISC 10:17:45:15.1;1.5,52°36N;0°03:142.98E;0.05, h14km,7km, n35,+r138/44, mb3.7/10, 3C-2D, Sakhalin Island

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like R40A, N35A, T25A, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like PRU Pruhonice, MAUC Maruska, VRAC Vranov, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like GRMI Germi, BRD Goradiz, QRD QRD, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like GCG 10 18:29:58.0, THIG THIG, CHUG Union Juarez, etc.

10d 18:28:24.9, 2.6, 14:10:57:75, 72W, h0km, mb3.6/3, mbtmp3.6/4, ML3.7/1, Error ellipse: s-maj=108.0km s-min=32.6km az=31.0, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like LPAZ La Paz, H03N1 Juan Fernandez, H03N2 Juan Fernandez, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like ORD Ordubad, ORD Ordubad, ISHM Shahrizad, etc.

10d 18:41:17.1, 2.3, 28:41N x 142:36E, h0km, mb3.5/2, mbtmp3.7/4, ML3.1/2, Error ellipse: s-maj=70.1km s-min=21.9km az=88.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like JCJ Chichijima, JHJ Hachijo jima, JHU Hachijo jima, etc.

10d 18:28:35.9, 1.1, 40:20N-51:46E, h0km, mb3.8/11, mbtmp3.9/18, ML3.5/6, MS3/3, Error ellipse: s-maj=21.0km s-min=12.7km az=166.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like AZER 10 18:28:40.0, TEH 10 18:28:41.0, NNC 10 18:28:44.8, etc.

10d 18:28:41.0, 40:11N-51:53E, h100km, ML3.8

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like KBZ Khabaz, KBZ Khabaz, KVAR Kislovodsk Arr, etc.

10d 18:47:00.7, 1.6, 14:68N-147:08E, h0km, mb3.8/10, mbtmp3.8/11, ML4.0/1, MS2.6/2, Error ellipse: s-maj=40.1km s-min=17.1km az=94.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like ISC 10 18:47:06.3, GUMO Guam, GUMO Guam, etc.

10d 18:47:32.6, 2.7, 18:47S x 175:33W, h138km, 25km, mb3.9/11, mbtmp4.3/12, Error ellipse: s-maj=23.6km s-min=14.0km az=113.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like NEIC 10 18:47:36.9, NOU 10 18:47:38.2, ISC 10 18:47:37.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Greta Valley S, Lake Taylor, Inchbonnie, Oxford, Waikana Valley, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Great Sitkin M, Great Sitkin T, Shemya Is, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like HHC, TPNV, DUGS, ZALV, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like H1N2, H1N3, H1N1, etc.

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

Table with columns: SMG, comp=N, 448nm, 0.5s, S, Sn, 19 20 46.7 +0.1, etc. Includes stations like Samos, Balikesir, Bur, etc.

Table with columns: CPUP, Villa Florida, 11.78 118 Pn, Pn, 20 03 21.3 -1.4, etc. Includes stations like Villa Florida, El Roble, etc.

Table with columns: H1N2, WAKE ISLAND Hy27.96 279 T, T, 22 39 38.9, etc. Includes stations like WAKE ISLAND, WARRAMUNGA ARR, etc.

NEIC 10 20:00:39.2, 2.3, 21.08S; 0.05:68.97W; 0.06, h114km, 6km, mb4.8/20, Mwr4.5 (GUC), Error ellipse: s-maj=8.2km

IDC 10 20:00:39.7, 0.5, 21.17S; 68.59W, h113km, 4km, mb4.0/9, mbmp4.4/13, MS3.1/1, Error ellipse: s-maj=1.8km

VAO 10 20:00:39.1, 0.4, 21.06S; 68.83W, h111km, mb4.9

GUC 10 20:00:39.4, 0.6, 21.14S; 68.87W, h110km, 4m, ML4.7

ISC 10 20:00:37.6, 1.1, 33.65S; 103.3569E; 0.05, h4km, 10km, n167, s1929/176, mb4.6/19, 11C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IPOC Station P, Punta Patache, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Toledo Obispo, Fray Jorge, etc.

Table with columns: MACA, Macapuru-AM, 19.62 25 eP, P, 20 04 56.8 -0.3, etc. Includes stations like Macapuru-AM, Paso Flores, etc.

Table with columns: BDFB, Brasilia, 20.50 78 P, P, 20 05 07.2 -0.6, etc. Includes stations like Brasilia, Itaituba, etc.

Table with columns: BDFB, Brasilia, 20.50 78 P, P, 20 05 07.2 -0.6, etc. Includes stations like Brasilia, Itaituba, etc.

Table with columns: BDFB, Brasilia, 20.50 78 P, P, 20 05 07.2 -0.6, etc. Includes stations like Brasilia, Itaituba, etc.

Table with columns: BDFB, Brasilia, 20.50 78 P, P, 20 05 07.2 -0.6, etc. Includes stations like Brasilia, Itaituba, etc.

Table with columns: BDFB, Brasilia, 20.50 78 P, P, 20 05 07.2 -0.6, etc. Includes stations like Brasilia, Itaituba, etc.

Gil 10 20:03:36.4, 0.5, 33.62N; 35.77E, h1km, 1km, Mm1.6/4

GRAL 10 20:03:37.4, 0.3, 33.62N; 35.60E, h3km, 4km, MD2, 2

ISC 10 20:03:37.6, 1.1, 33.65S; 103.3569E; 0.05, h4km, 10km, n13, 0922/22, Jordan-Syria region

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

IDC 10 20:06:29.7, 4.2, 7.01S; 132.36E, h0km, mb4.2/1, mbmp3.6/3, ML3.5/2, Error ellipse: s-maj=282.3km

s-min=31.6km az=74.0, Tanlamar Islands region

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

GUC 10 20:08:50.3, 0.7, 23.85S; 67.34W, h195km, 11km, ML3.9

IDC 10 20:08:56.3, 10.0, 23.27S; 66.88W, mb39km, mb3.3/1, mbmp4.0/3, Error ellipse: s-maj=110.5km s-min=32.9km

ISC 10 20:08:49.7, 1.2, 23.78S; 0.06:67.3W; 0.1, h213km, 16km, n21, 0998/33, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Limon Verde, Mina Guanaco, etc.

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

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

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kasperke Hory, KBA, CLUD, STAL, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like INK, H24K, H24K, H24K, etc.

TEH 10 21:34:49.5, 28°36'N, 51°36'E, h15km, ML3.1, Southern Iran. Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AHB, AHB, QIR, etc.

NNC 10 21:46:07.9, 5.4, 39°19'N, 73°75'E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=37.4km s-min=20.3km az=177.0
KRNET 10 21:46:11.2, 0.1, 39°43'N, 73°66'E, mb3.2
ISU 10 21:46:12.8, 39°51'N, 73°56'E, h5km
SOME 10 21:46:16.0, 39°48'N, 73°55'E, h5km
ISC 10 21:46:12.3, 1.4, 39°35'N, 07°73.50E, 0.04, h10km, n25, @171/42, 8C-9D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVAQ JBK, BBDV Barranco-do-Ve, PCVE Castro Verde, EBAD Badajoz, etc.

TEH 10 22:51:28.0, 28.44N:51.91E, h12km, ML3.2
OMAN 10 22:52.04.2.0.8.26:74N:54.33E, h10km, ml2.5/2, Error ellipse: s-maj=16.3km s-min=11.6km az=341.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songoing Array, SUA Suisinta One, IMAR Indian Mountain, etc.

IDC 10 22:05:51.0.7.5.19:71S:179:97E, h672km, 43km, mb2.7/2, mbtmp3.8/3, Error ellipse: s-maj=255.0km

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

IDC 10 22:37:11.1.3.9.17:80S:167:91E, h0km, mb3.6/3, mbtmp3.7/4, ML3.9/1, Error ellipse: s-maj=86.6km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LIFNC LIFOU, DZM Mont Dzumac, DZM Ouen Toro, etc.

TEH 10 22:38:46.1, 28.37N:51.86E, h19km, ML3.5
OMAN 10 22:39.21.8.0.3.26:82N:54:30E, h10km, ml2.5/3, Error ellipse: s-maj=4.3km s-min=4.2km az=269.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AHBH AHRAM, QIR1 Qir, QIR1 Kazerun, etc.

IDC 10 23:04:18.2.2.5.14:78N:92:21W, h0km, mb3.6/7, mbtmp3.5/9, ML3.4/2, Error ellipse: s-maj=65.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AHBH AHRAM, QIR1 Qir, QIR1 Kazerun, etc.

MEX 10 23:04:29.1.1.0.14:62N:92:88W, h48km, 30km, MD4.1
GCG 10 23:04:31.9.0.0.14:32N:92:55W, h20km, 5km, MD4.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLNJ Kolanjah, IRAM Rameshah, ESRB Sri Abu, etc.

IDC 10 21:53:02.5.1.9.7:77S:159:82E, h0km, mb3.9/7, mbtmp3.9/7, Error ellipse: s-maj=60.2km s-min=10.9km

NEIC 10 21:53:06.4.1.2.9:87S:0:08x159:9E:0.1, h28km, 7km, mb4.4/9, Error ellipse: s-maj=20.3km s-min=10.0km

IDC 10 21:53:06.3.0.7.9:86S:0:07x160:0E:0.2, h32km, n26, 0:591/21, mb4.2/11, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MASF Masafi, MASF Esma-Masafi, FAO Al Faqa, etc.

GCG 10 22:50:13.1.0.3.13:44N:90:66W, h50km, 98km, MD3.6
SNET 10 22:50:16.5.0.7.13:32N:90:60W, h72km, 6km, ML3.4

ISG 10 22:50:16.5.0.7.13:32N:90:60W, h72km, 6km, ML3.4
ISG 10 22:50:16.3.2.2.13:38N:0:1, 90.63W, 0.07, h76km, 22km, n18, 0:48/29, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCG Pacaya, FUG Fuego 3, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LOAL Alcala de Za, SLOZ San Blas, SLOZ San Blas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTAL Santiago 3, MTO3 Monteicrsto, MTO3 Monteicrsto, etc.

TEH 10 22:51:28.0, 28.44N:51.91E, h12km, ML3.2
OMAN 10 22:52.04.2.0.8.26:74N:54.33E, h10km, ml2.5/2, Error ellipse: s-maj=16.3km s-min=11.6km az=341.0

ISG 10 22:51:27.7.1.3.28:37N:0:04x51:88E:0.06, h10km, n30, 0:583/31, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AHBH AHRAM, QIR1 Qir, QIR1 Kazerun, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHME Shamm, ZEF Zefreh, IBAF Batfah, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BANOM Banah, YZKH Yazd, NAZ Nawza, Dubai, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MASF Masafi, FAO Al Faqa, UOSS Minazif, etc.

IDC 10 23:04:18.2.2.5.14:78N:92:21W, h0km, mb3.6/7, mbtmp3.5/9, ML3.4/2, Error ellipse: s-maj=65.7km

MEX 10 23:04:29.1.1.0.14:62N:92:88W, h48km, 30km, MD4.1
GCG 10 23:04:31.9.0.0.14:32N:92:55W, h20km, 5km, MD4.1

ISG 10 23:04:26.3.1.2.14:54N:0:06x92:95W:0.04, h54km, 11km, n32, 0:251/5/1, mb3.6/7, 1D, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG Thig, PATR El Naranjo, PAVE Pavencul, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMIG Matias Romero, CMIG Marmol, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMIG Marmol, CMIG Huatulo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMIG Marmol, CMIG Huatulo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMIG Marmol, CMIG Huatulo, etc.

Table with station information including call signs (e.g., PMSA Palmer Station), frequencies, and various parameters. Includes a list of stations from PMSA to ZALV.

Table with station information including call signs, frequencies, and various parameters. Includes a list of stations from Code to ROSC.

Table with station information including call signs, frequencies, and various parameters. Includes a list of stations from ROSC to FPAL.

Bottom section containing various technical notes, error messages, and additional data points such as 'IDC 11 00:44:48.4:12.0,52:93N,166:42W,h0km,mb3.8/3...'.

11d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Cooper Cave, Peixe, Brasilia, Peniscot Bayo, etc.

2016 JUL

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Barrancos, Vila Real, Lamas de Oio, Cabril, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Makanchi Array, Warramunga Arr, Fines Finess Array B, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Time, and other parameters. Includes stations like AMTX Amarillo, OK038 West end E0370, PANJ Princeton, U32A Winter Ranch, P43A Skaggs, Pawnee, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Time, and other parameters. Includes stations like PARB Paribuna, HDIL Hopedale, M50A Fremont, KSPA Keystone Colle, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Time, and other parameters. Includes stations like L46A, AAM Ann Arbor, AAM Ann Arbor, etc.

Table with columns for station call letters, frequency, power, and other technical details for stations in the 527 MHz band.

Table with columns for station call letters, frequency, power, and other technical details for stations in the 2016 JUL band.

Table with columns for station call letters, frequency, power, and other technical details for stations in the 11d 2h band.

Table with columns: BTLS, Baital, 128.98, 24, ePKP, PKPdf, 02 22 22.7, 02 20 16.0 +0.1, etc.

Table with columns: KSH, comp=Z,2,um,22.7s, LR, LR, 02 20 28.3 -1.2, 02 23 07.0 -1.2, etc.

Table with columns: CD2, comp=Z,6,um,23.3s, LR, LR, 148.68, 34, eP, PKPdf, 02 20 51.9 -0.2, etc.

Table of station data for the left column, including call signs (e.g., OTAV, GUSE, TUMC), frequencies (e.g., 1.34 101), and various technical parameters (e.g., S, P, Pn, Pm).

Table of station data for the middle column, including call signs (e.g., AZU, CHIC, GMAL), frequencies (e.g., 7.27 356), and various technical parameters (e.g., Pn, P, S, Pm).

Table of station data for the right column, including call signs (e.g., PB18, PB12, GRFF), frequencies (e.g., 20.63 151), and various technical parameters (e.g., I, Amb, P, S).

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like WHTX Lake Whitney, H06E1 SOCORRO T-PHASE, W45A Hickory Valley, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like TXAR comp=Z,0.6nm,0.9s, H06E1 SOCORRO T-PHASE, TXAR Lajitas Array, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like MGMO Mountain Grove, ITAB Concordia, WMOK Wichita Mounta, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Cedar Bluff, Albuquerque, West, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like J Bar K, Exete, University of, Jewell Farm, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like W18A, H43A, BMNY, NBAN, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Paradox Valley, Conover, Glamis, Sherman, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Granite Mounta, RWWY, SZCU, BATG, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Manual Prospec, Boulder Array, Pinadale Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like YERR Yerington, SAO San Andreas Ge, CMB Columbia Colle, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like H04A Detroit Lake, I03D Drain, OR, J01E Myrtle Point, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like VAH Vaihoo, PMOR Pomariorlo Ree, SMAI San Martin Ant, etc.

Table with columns for station ID, name, elevation, frequency, class, mode, and time offset. Stations include LIS, RES, PNL, PTEO, MORF, LIC, TIC, C36M, YUK6, PACT, BCPM, M30M, DBIC, PNCL, AVE, PSBE, MAYO, YUKA, SOEG, MESJ, MESJ, MESJ, MESJ, PINN, PCVE, PBDV, PBDV, PCAS, PCAS, PVTG, EVO, EVO, PVAQ, PVAQ, PBEJ, PBEJ, COI, PTO, ZHG, TABL, LOGN, LOGN, PGAV, PVIS, ZGR, MESA, MESA, YUK3, YUK3, YUK3, PMRV, PMRV, PMRV, PMRV, CTMG, CTMG, CTMG, PCBR, PCBR, PCBR, PCBR, ZBAR, ZBAR, ZBAR, ZBAR, MTE, MTE, MTE, MTE.

Table with columns for station ID, name, elevation, frequency, class, mode, and time offset. Stations include POLO, TULEG, TULEG, TULEG, PVRL, BARN, ISLE, J29M, J29M, POHA, POHA, SUMG, SUMG, SUMG, SUMG, SUMG, SUMG, SNH, SFS, SFS, SFS, BVCY, BORG, BORG, BORG, BORG, WAX, BGCL, BGCL, DAWY, DAWY, TGL, TGL, MVO, MVO, CRQE, CRQE, INK, INK, INK, EPYK, EPYK, EPYK, EPYK, GQML, GQML, CRQM, CRQM, SICB, I29M, I29M, I29M, A36M, A36M, A36M, M27K, M27K, MCARA, MCARA, SMIR, PBRG, CEU, CEU, KAIM, KAIM, KAIM, LCRM, LCRM, L27K, L27K, L27K, MDT, MDT, MDT, GLB, GLB, ARF, M26K, M26K, M26K, M26K, XMAS, XMAS, K27K, K27K, K27K, K27K.

Table with columns for station ID, name, elevation, frequency, class, mode, and time offset. Stations include N25K, N25K, N25K, N25K, L26K, L26K, Q23K, Q23K, PVZL, PVZL, EYAK, EYAK, EMAL, EMAL, AKLM, AKLM, PALE, PALE, DIV, DIV, HIN, HIN, HARP, HARP, KLU, KLU, KLU, KLU, PAB, PAB, PAB, PAB, PAB, PAB, SCRK, SCRK, J26L, J26L, GLI, GLI, GLI, I26K, I26K, M24K, M24K, PAX, PAX, PAX, RIDG, RIDG, RIDG, RIDG, ESDC, ESDC, ESDC, ESDC, KIP, KIP, KIP, KIP, GOG, GOG, WHEL, WHEL, SCM, SCM, SCM, K24K, K24K, JBK, JBK, SCO, SCO, PWL, PWL, PWL, M23K, M23K, J25K, J25K, J25K, J25K, TAF, TAF, UCM, UCM, TDRA, TDRA, KNK, KNK, KNK, KNK, SEW, SEW, SEW, WAT6, WAT6, EUNU, EUNU, SML, SML, SML, SML, SML, SML, DHI, DHI, DHI, DHI, DSB, DSB, O22K, O22K, O22K, GHO, GHO, GHO, GHO, HDA, HDA, HDA, HDA, PMR, PMR, PMR, PMR.

Table of radio stations including call signs (e.g., FOO, BNI, BER), frequencies, and various parameters like SNR and power levels.

Table of radio stations including call signs (e.g., NB2, NOA, CASP), frequencies, and various parameters like SNR and power levels.

Table of radio stations including call signs (e.g., NRCA, KHC, KASPERSK), frequencies, and various parameters like SNR and power levels.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like KSP, DPC, KRUC, ROSALIA, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like CRVS, FINESS, TSMUM, PABE, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like MQZ, THZ, KLMMR, BOSA, etc.

Table with columns for station code, name, frequency, and various signal strength and quality metrics. Includes stations like MAK, KMBO, CRZF, FURI, etc.

Table with columns for station code, name, frequency, and various signal strength and quality metrics. Includes stations like CN2, UOSS, INU, SGDS, etc.

Table with columns for station code, name, frequency, and various signal strength and quality metrics. Includes stations like HNS, AS31, ASAR, TIA, etc.

Table containing meteorological data for stations KAD through TORD, including station name, time, and various codes.

Table containing meteorological data for stations H112 through H1N1, including station name and time.

Table containing meteorological data for stations H1N1 through ARCS, including station name, time, and various codes.

103:01:30.5:0.9,33:20N;139:51E,h0km,mb3.8/5, mbtmp3.77,ML3.6/1,Error ellipse: s-maj=34.3km

103:01:31.4:0.7,33:19N;139:47E,h32km,3km, JMA 11 03:30:20.0,NEAR HACHUJIOJIMA ISLAND

103:01:32.4:0.7,33:43N;0:04:139.36E,0:06,1h0km,n24, s-144/21,mb3.6/5,Southeast of Honshu

Table containing meteorological data for stations H1N1 through WRA, including station name, time, and various codes.

NEIC 11 03:38:21.9:2.3,16:41S;174:81W,0:08,h254km,5km,mb4.7/210,Error ellipse: s-maj=12.5km

NOU 11 03:38:25.3,16:43S;174:64W,h300km,mb4.8/42,Tonga Islands

103:38:26.3:0.6,16:34S;174:93W,h299km,5km,mb4.0/17, mbtmp4.7/20,Error ellipse: s-maj=12.9km s-min=9.9km

103:38:24.9:0.5,16:40S;174:78W,0:05,h289km,4km,h287km;P-P,545,089/476,mb4.7/133, 14C-27D, Tonga Islands

Table containing meteorological data for stations AFI through CWS, including station name, time, and various codes.

Table containing meteorological data for stations MTSU through CWC, including station name, time, and various codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOLK Toolik Lake Re, D24K Happy Valley, C23K Ikkilik River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VOIR Kasperke Hory, KHC Walferdange, CKRC Cesky Krumlov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHMN Cheshme madani, HATD Hatta, Dubai, HATD Hatta, Dubai, etc.

SNET 11 04:02:55.9, 0.8, 12.74N:90.39W, h19km, 3km, ML3.3
SSS 11 04:02:55.9, 0.8, 12.74N:90.39W, h19km, 3km, ML3.3
IDC 11 04:03:02.14, 0.14, 13.84N:89.93W, h0km, mb3.32,
mbtmp3.23, ML3.0, 1.7, MSA=0.1, Error ellipse:
s-maj=29.0km s-min=1.6km az=5.0

ISC 11 04:02:56.3, 3.0, 12.79N:0.09, 90.31W, 0.07, h6km, 16km,
n40, c085/50, 2C, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAYA Jayaque - finc, NUBE Las Nubes, UES Universidad Ev, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Leigh Creek, Oodnadatta, Mulgathing, Buckleboo, etc.

NEIC 11 04:30:34.2-1.7, 60.855N, 0.010:152.13W, 0.06, h80km, 4km, Error ellipse: s-maj=4.4km s-min=0.8km az=74.0
AEIC 11 04:30:35.1, 2.60(87N), 0.03:152.06W, 0.06, h88km, 2km, ML2.9, ML3.1/150(NEIC), Error ellipse: s-maj=4.7km s-min=3.9km az=119.0
IDC 11 04:30:39.1, 7.6, 61.26N, 151.85W, h121km, 70km, mb2.8/2, mbmp3.1/4, Error ellipse: s-maj=66.1km s-min=26.3km az=29.0
ISC 11 04:30:34.7-0.9, 60.873N, 0.03:152.06W, 0.03, h92km, 6km, n141, r1512/153, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mount Spurr, Spurr Chakacha, Redoubt Volcan, etc.

Table with columns: N18K, Kilae Creek, SML, Sawmill, 1.89 266, 2.03 61, Pn, Pn, 04 31 04.9 -0.6, 04 31 06.1 -1.2, 04 31 31.7. Includes stations like Kilae Creek, Pukepye, Curpe Douglas, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SCRK, BAGL, MESA, GRNC, M27K, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TEH 11 04:44:08.8, 28.363N, 51.87E, h19km, ML3.5, Southern Iran. Includes stations like AHBV, QIR1, KAZI, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EAF 11 04:46:25.8, 2.6, 24.46S, 28.44E, h10km, MD3.4. Includes stations like MOPA, MUSN, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUC 11 04:51:38.9, 0.7, 23.51S, 68.47W, h137km, 5km, ML4.3. Includes stations like VAO 11 04:51:40.3, 0.7, 23.36S, 68.32W, h132km, mb4.5. Includes stations like AF01, LVC, etc.

Table with columns: ID, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like IPOC Station P, WRA Warramunga Arr, ZALV Zalesovo Beam, etc.

Table with columns: WRA, ZALV, MKAR, MKAR. Station names and frequencies. Includes WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array.

KRSC 11 04:52:47.5-0.8,55.16N*161.91E,h96km,14km,ML3.8,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists various stations like Mys Kozlova, Tumrok, Bezymannyi-Gr, etc.

IDC 11 05:10:40.0-0.5,26.95N*130.34E,h0km,mb.4/5.2,

Table with columns: IDC, BUJ, NEIC. Station names and frequencies. Includes IDC 11 05:10:40.0-0.5, BUJ 11 05:10:40.0-0.5, NEIC 11 05:10:42.1-1.6.

NIED 11 05:10:42.3-2.6,92N*130.28E,h52km,MM4.7, Moment

Table with columns: NIED, MOS. Station names and frequencies. Includes NIED 11 05:10:42.3-2.6, MOS 11 05:10:42.0-1.0.

JMA 11 05:10:42.3-0.1,26.9N*130.3E,h0.6,52km,MD4.3/23,

Table with columns: JMA, ISC. Station names and frequencies. Includes JMA 11 05:10:42.3-0.1, ISC 11 05:10:45.4-0.3.

Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like Kitadaitoujima, Minamidaito 2, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Nakatsue, Yonaguni jima, Yonaguni jima, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Malin Array Si, Daneborg, Uppsala, Keskin Array S, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MORH Mrgy, Hungary, CLL Colim, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like TPNV Topopah Spring, SPR3 Spring Creek 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Resolution. Includes stations like CHOS Chios island, PSRA Psara, etc.

11d 6h

Table of astronomical data for 11d 6h, including stations like URLA, ZEVE, FOCM, SIGR, etc. with columns for station name, coordinates, and various parameters.

11d 11:05:11.19.9.5.8.28.04N.51.58E, h0km, mb3.7/3, mbmp3.6/4, ML3.3/1, MS3.7/2, Error ellipse: s-maj=119.6km s-min=46.2km az=121.0

Table of astronomical data for 11d 11:05:11.19.9.5.8.28.04N.51.58E, h0km, mb3.7/3, mbmp3.6/4, ML3.3/1, MS3.7/2, Error ellipse: s-maj=119.6km s-min=46.2km az=121.0

2016 JUL

Table of astronomical data for 2016 JUL, including stations like UOSS, HATD, ASHO, etc. with columns for station name, coordinates, and various parameters.

11d 11:05:44.16.1.6.7.19.05N.145.03E, h322km, 66km, mb3.2/9, mbmp3.8/9, Error ellipse: s-maj=29.0km s-min=16.4km az=90.0

Table of astronomical data for 11d 11:05:44.16.1.6.7.19.05N.145.03E, h322km, 66km, mb3.2/9, mbmp3.8/9, Error ellipse: s-maj=29.0km s-min=16.4km az=90.0

11d 11:05:58.20.7.1.2.17.8S.0.1x178.6W.0.1, h575km, n42, mb4.4/25, Error ellipse: s-maj=22.4km s-min=16.8km

11d 11:05:58.22.1.1.8.17.41S.178.97W, h577km, 18km, mb3.3/6, mbmp4.2/8, Error ellipse: s-maj=72.9km s-min=15.5km az=147.0

Table of astronomical data for 11d 11:05:58.20.7.1.2.17.8S.0.1x178.6W.0.1, h575km, n42, mb4.4/25, Error ellipse: s-maj=22.4km s-min=16.8km

550

Table of astronomical data for 550, including stations like AS31, ASAR, ASOR, etc. with columns for station name, coordinates, and various parameters.

11d 11:06:21.57.8.0.4.33.26N.139.43E, h0km, mb4.6/33, mbmp4.6/36, ML4.2/3, MS4.0/66, Error ellipse: s-maj=12.7km s-min=7.1km az=34.0

11d 11:06:22.00.8.33.43N.139.43E, h31km, MW4.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mm=2.05, Mss=0.95, Mxx=1.11, Myy=1.51, Mzz=0.78, Mxy=0.49; Fault plane solution: Ms2=40000x10^16 Np1; phi=154.00000; 338.00000; lambda=11.00000; NP2: phi=289.00000; 862.00000; lambda=-116.00000; BUI 11 06:22:00.0.0.0.33.40N.139.37E, h10km, mb4.7/68, mb5.1/49, MS4.6/69, MS7 4.2/66

11d 11:06:22.00.8.33.37N.139.34E, h4km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mm=0.78, Mss=0.13, Mxx=0.40, Myy=0.33, Mzz=0.59; Fault plane solution: Ms1=16000x10^16 Np1; phi=131.55000; 364.08000; lambda=73.25000; NP2: phi=277.01000; 830.54000; lambda=120.68000; Principal axes: T 1.1090, P1g7.0000; Azm209.0000; N 0.0891, P1g15.0000; Azm304.0000; P 2.081, P1g7.0000; Azm200.0000; JMA 11 06:22:00.8.0.1.33.44N.0.4x13.9E; h31km, 3km, MD4.9/34, MW4.9/34, NEAR HACHIOJIMA ISLAND

11d 11:06:22.01.8.0.3.33.36N.0.02x139.35E.0.02, h13km, 1km, MV5.0/107, Moment Tensor Solution. s22, c25; s107, c153; Duration: 0 Moment tensor: Scale 10^19Nm; Mm=3.47e+20, Mss=1.26e+11, Mxx=2.2e+13, Mzz=1.5e+28; Mxy=1.0e+07; Myz=1.33e+11; Best double couple: Ms3=40000x10^16 Np1; phi=318.00000; 837.00000; lambda=107.00000; NP2: phi=159.00000; 855.00000; lambda=78.00000; Principal axes: T 3.0660, P1g9.0000; Azm241.0000; N 0.7390, P1g10.0000; Azm332.0000; P -3.7950, P1g7.0000; Azm109.0000; nsta: refers to body waves, cutoff=40s. nsta2: refers to surface waves, cutoff=50s. Triangular moment-rate function

11d 11:06:22.01.0.0.7.33.39N.0.02x139.40E.0.03, h17km, 4km, n709, phi35/64.1, mb5.0/166, MS4.1/383, 14C-24D, Southeast of Honshu

Table of astronomical data for 11d 11:06:22.01.0.0.7.33.39N.0.02x139.40E.0.03, h17km, 4km, n709, phi35/64.1, mb5.0/166, MS4.1/383, 14C-24D, Southeast of Honshu

Table with columns for flight code, destination, time, status, and other flight details. Includes entries for JAO, JRY, JNT, etc.

Table with columns for flight code, destination, time, status, and other flight details. Includes entries for TYV, NACB, TIA, etc.

Table with columns for flight code, destination, time, status, and other flight details. Includes entries for BTO, XAN, XAN, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like GOMU, L19K, TOL12, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like BOOM, KNRA, L19K, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like H23K, I23K, SEW, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other details. Includes stations like PAX, DIV, EYAK, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other details. Includes stations like SKAG, FARO, AKTO, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other details. Includes stations like D08A, F07A, J04D, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like MEM Membach, TAOE Nuku Hiva Isla, BSTI Sart Tilman, SDCO Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like JMA 11 06:28:38.6, JMA 11 06:28:38.6, JMA 11 06:28:38.6, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like WAKE ISLAND Hy 27.98 112 T, SOMNI Songino Array 28.71 310 P, MKAR Makanchi Array 44.80 305 P, etc.

106:35:30.6±2.6, 48.95N:157.00E, h0km, mb3.6/2, mbtmp3.5/3, ML2.4/1, Error ellipse: s-maj=63.9km s-min=43.1km az=63.0

KRSC 11 06:35:30.21.8, 48.99N:157.07E, h29km±24km, ML4.0

ISC 11 06:35:36.6±1.8, 49.29N:156.50E:0.1, h3km±1, n24, r172/29, Kuril Islands

Table with 5 columns: Code, Station Name, Time, Res, ISC. Lists Kuril Islands stations like Severo-Kuril's, Pauzhetka, Khodutka, etc.

NNC 11 06:39:11.3±3.3, 53.60N:88.19E, h0km, mb3.2, mpv2.8, Suspected Mining explosion. ISC 11 06:39:12.6±3.1, 53.75N:88.01E, h0km, mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=27.1km s-min=17.4km az=61.0

ISC 11 06:39:13.0±4.4, 53.77N:02.88E:0.2, h0km, n7, r056/57, 3C-2D, Southwestern Siberia

Table with 5 columns: Code, Station Name, Time, Res, ISC. Lists stations in the Southwestern Siberia region like Zalesovo Infra, Zalesovo Array, ZAAO, etc.

ISC 11 06:44:47.0±6.0, 33.20N:139.41E, h0km, mb3.9/20, mbtmp3.9/22, ML3.1/2, MS3.1/5, Error ellipse: s-maj=20.4km s-min=8.1km az=23.0

JMA 11 06:44:50.0±0.2, 33.4N:0.3:13.9E, h15km±3km, MV3.8/39, NEAR HACHUJIMA ISLAND

NIED 11 06:44:50.0, 33.39N:139.33E, h15km, MW4.1, Moment Tensor Solution. s3 Moment tensor. Scale 10^15Nm

NEIC 11 06:44:50.6±2.2, 33.32N:0.07:139.30E:0.06, h10km±1km, mb4.4/23 Error ellipse: s-maj=11.8km s-min=6.8km az=204.0

ISC 11 06:44:50.1±2.2, 33.38N:0.03:139.32E:0.05, h11km±7km, n91, r192/89, mb4.2/34, Southeast of Honshu

Table with 5 columns: Code, Station Name, Time, Res, ISC. Lists stations in the Southeast of Honshu region like Hachioji jima, JHU, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Kuroka, Yato, Matushiro Arr, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Matsu-Tunnel, Marmori, Sado, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Kuratov, Kuratov Arra, Indian Mountain, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Warramunga Arr, Warramunga Beam, Warramunga Array, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Eielson Array, Burnt Mountain, Chicken, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Marble Bar, Eagle Plains, A36M, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Akbulak array, Faro, Yukon, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Kabul, Chuyangarra, Chuyangarra, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Chirah Chowk, Thame Wali, Batken, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Thein Dam, Chuyangarra, Chuyangarra, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Karatay Array, Karatay Array, Karatay Array, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Ala-Archa, Ala-Archa, Ala-Archa, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Chumysh, Chumysh, Chumysh, etc.

Table with 5 columns: Station Name, Time, Res, ISC, and other details. Includes stations like Taragay, Taragay, Taragay, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KUUR Kurty, CHKK Chushkaly, SATY Saty, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like FINES FINESS Array B, ARCES ARCESS Array B, NC602 NORARS Array S, etc.

IDC 11 06:58:05.2+1.2, 15:86N-61:02W, h0km, mb4.0/6, mbtmp4.07, ML3.9/1, MS3.0/4, Error ellipse: s-maj=37.6km s-min=12.3km az=89.0

TRN 11 06:58:07.7, 15:72N-61:19W, h31km, MD3.8 TRN Fel in North-east Dominica, MMI III.

NEIC 11 06:58:08.6+1.6, 15:74N-0:02-61:09W, h0.0/4, h28km, 6km, mb4.4/32, Error ellipse: s-maj=6.7km s-min=1.3km az=63.0

ISC 11 06:58:08.8+0.5, 15:75N-0:02-61:11W, h33km, n145, a597/174, mb4.42/1, C, Leeward Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like MAGL Barre de l'ile, MAGL Barre de l'ile, MAGI Dominica, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like BBGH Gun Hill, BBGH Gun Hill, BBSP Saint Philip, etc.

Table with columns: JHU, Hachioji jima 2, 0.40 126 Pn, 227nm, 0.3s, baz=360, slow=19, SNR=18. Includes other stations like JHJ, JH2, JH3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AV21, AM1, AM2, etc.

Table with columns: HPAL, Hacienda Las P, 1.41 128 P, 1.41 125 P, PINO Pino, 1.42 123 P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB11, G001, G002, etc.

Table with columns: PDRB, Porto dos Gac, 25.93 119 eP, CLDB Colider, 26.44 116 eP, MDP Montagnes des, 27.43 80 P, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like NVAR, OMMB, ELK, YHL, XLT, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ISCO, W18A, S22A, SDCO, OGNE, TUC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like NHSC, BELG, SHL, PMOR, CMAR, GUN, JIRN, RAMN, etc.

Table with columns: UCH, Uchtor, 2.79, 16, 11P, Pb, 08 29 25.5 -1.9, etc. Lists various astronomical objects and their properties.

Table with columns: JHU2, Mitsune, 0.52, 121, A, A, 08 33 14.5, etc. Lists astronomical objects with detailed coordinates and magnitudes.

Table with columns: CMAR, Chiang Mai Arr, 38.95, 258, P, P, 08 40 29.5 -1.0, etc. Lists astronomical objects, including various arrays and stations.

IDC 11 08:33:01.8,0.5,33.16N,139.38E,h0km,mb4.1/17, mblmp4.021,ML3.6/4,MS3.5/7,Error ellipse: s-maj=16.1km s-min=8.5km az=17.0

MA2 Magadan 27.29 13 P P 08 38 50.6 +2.1 MA2 Magadan 27.29 13 P P 08 38 47.4 -1.1

NOA NORSAR Array B 76.86 337 P P 08 44 55.9 -0.2 NOA NORSAR Array B 76.86 337 P P 08 44 55.9 -0.2

NIED 11 10:23:18.1,32°60'N;130°67'E,h11km,MW3.5,Moment
Tensor Solution... s3 Moment tensor: Scale 10¹⁴Nm;
Mn=0.58; Mw=1.77; Ms=2.54; M0=0.07; Mw=0.01; M1=0.52;
Fault plane solution: M2:1000x10¹⁴ NP1:
p=225.0000°; s=80.0000°; λ=176.0000°; NP2:
p=135.0000°; s=86.0000°; λ=10.0000°

JMA 11 10:23:18.1-0.1,33°46'N;0.1-130°7'E,h21km,MV3.6/20,
2D,SOUTHERN KUMAMOTO PREF,Kyushu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC, Res

JMA 11 10:31:10.6-0.1,33°44'N;0.5-13°9'E,h27km,3km,
MD4.3/36,MV4.0/36,NEAR HACHIOJIMA ISLAND

NIED 11 10:31:10.6,33°41'N;139°42'E,h27km,MV4.3,Moment
Tensor Solution... s3 Moment tensor: Scale 10¹⁵Nm;
Mn=2.33; Mw=1.04; Ms=1.29; M0=1.56; Mw=0.99; M1=0.46;
Fault plane solution: M2:6900x10¹⁵ NP1:
p=157.0000°; s=84.0000°; λ=53.0000°; NP2:
p=292.0000°; s=93.0000°; λ=116.0000°

IDC 11 10:31:10.8-3.3,33°04'N;139°39'E,h29km,23km,mb3.9/19,
mbmp4.0/23,ML3.2/3,MS3.2/12, Error ellipse:
s-maj=17.4km s-min=9.6km az=6.0

NEIC 11 10:31:11.3-0.9,33°39'N;0.1-139°31'E;0.05,h18km,3km,
mb4.5/53, Error ellipse: s-maj=18.4km s-min=5.0km
az=190.0

ISC 11 10:31:10.1-0.5,33°35'N;0.04-139°37'E;0.04,h13km,9km,
n129,e1946/105,mb4.5/49,MS3.2/7,1C-4D,Southeast of
Honshu

Main table listing station codes (JHU, JHJ, JHU2, etc.), station names, and various parameters like Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC, Res.

Main table listing station codes (ULN, H11S3, H11S1, etc.), station names, and various parameters like IAmB, IAmB, Time Res, h m s ISC, Res.

Table listing station codes (LCMT, P17A, CLL, etc.), station names, and various parameters like Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC, Res.

IDC 11 10:32:18.5-0.9,33°29'N;139°52'E,h0km,mb3.6/7,
mbmp3.6/7,MS3.6/3, Error ellipse: s-maj=34.4km
s-min=12.4km az=38.0

JMA 11 10:32:20.7-0.1,33°44'N;0.5-13°9'E,h18km,MV3.6/12,
NEAR HACHIOJIMA ISLAND

ISC 11 10:32:22.0-0.7,33°40'N;0.06-139°41'E;0.10,h22km,n21,
c0871/19,mb3.6/7,MS3.6/3,Southeast of Honshu

Main table listing station codes (JHU, JHU2, JHU3, etc.), station names, and various parameters like Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC, Res.

TAP 11 10:47:01.0,24°34'N;122°04'E,h16km,ML3.1,B
JMA 11 10:47:00.4-0.2,24°N;1°12'21"E;0.7,h37km,4km,
MV2.7/8,TAIWAN REGION

ISC 11 10:47:00.5-0.9,24°33'N;0.02-122°09'E;0.02,h14km,2.7km,
n51,0F46/84,Taiwan region

Main table listing station codes (Code, Station Name), station names, and various parameters like Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC, Res.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ICS. Includes stations like Shikinejimakit, Niijimaohara, Aogashimamukai, etc.

KRNET 11 12:02:39.8-0.1, 42.26N-75.00E, h19km, mb2.8
NET 11 12:02:40.0-0.5, 42.30N-74.95E, h19km, 3km, ml2.3, Error ellipse: s-min=3.6km s-max=3.1km az=121.0

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ICS. Includes stations like Ala-Archa, Ala-Archa, Ala-Archa, etc.

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

IDC 11 12:04:27.1-1.6, 33.14N-139.45E, h0km, mb3.3/2, mbmp3, 1/3, ML 1.9/1, Error ellipse: s-maj=32.2km s-min=15.0km az=174.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ICS. Includes stations like Hachijo jima 2, Hachijo jima 2, Hachijo jima 2, etc.

NEIC 11 12:16:43.2-1.2, 18.92N-0.06-67.41W-0.05, h28km, 7km, Error ellipse: s-maj=8.8km s-min=5.8km az=162.0

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like MLPR Magueyes Islan, MBPR Magueyes Islan, GBPR Guanica, Bosqu, etc.

INET 11 12:19:07.9-0.6, 12.09N:87.91W, h15km, 8km, MW3.5
SNET 11 12:19:04.0-0.8, 12.72N:87.41W, h126km, 25km, ML3.7
UCR 11 12:19:08.4-1.4, 14.07N:86.99W, h24km, 30km, ML3.5
ISC 11 12:19:10.4-2.1, 12.41N:02.87W, h101km, n25,
e681/30, 2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like CSGN Cosiguina Volc, CRIN San Cristobal, TEL3 Telica 3, etc.

ISC 11 12:19:51.8-0.9, 33.09N:139.32E, h0km, mb3.6,
mbmp3.57, ML2.4/1, MS2.7/4, Error ellipse: s-maj=20.7km
s-min=12.4km az=2-0

JMA 11 12:19:55.0-1.3, 33.4N:0.3:13.9E, h26km, 3km,
MW3.5/35, NEAR HACHUJOJIMA ISLAND
NIED 11 12:19:55.0, 33.42N:139.31E, h26km, MW3.8, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm

ISC 11 12:19:53.3-1.8, 33.33N:0.04:139.29E, h7km, 13km,
n33, e18/102, mb3.5/6, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachiojima 2, JHU 245nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like H11N1 WAKE ISLAND Hy 28.09 112 T, H11N3 WAKE ISLAND Hy 28.10 112 T, etc.

IDC 11 12:25:49.1-3.2, 5.38S:153.07E, h43km, 30km, mb3.2/5,
mbmp3.5/5, Error ellipse: s-maj=32.8km s-min=18.5km

ISC #1 12:25:48.5-1.1, 5.45S:0.2:153.1E:0.2, h37km, n7, o19/30/8,
mb3.2/5, New Ireland region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KRVT 127nm, 0.4s, etc.

IDC 11 12:29:03.8-0.7, 4.28S:134.92E, h0km, mb4.1/10,
mbmp4.3/13, ML2.5/1, MS3.8/37, Error ellipse:
s-maj=31.3km s-min=16.0km az=66.0

DJA 11 12:29:06.0-0.1, 4.2S:2.13E, h10km, M4.6/46,
mb5.2/17, mb4.8/46, ML4.8/13, Mw(mB)4.8/17
NEIC 11 12:29:09.9-2.5, 4.14S:0.06:134.72E:0.08, h32km, 4km,
mb4.7/29, Error ellipse: s-maj=11.3km s-min=8.7km
az=90.0

ISC 11 12:29:07.0-0.4, 4.53S:0.05:134.81E:0.05, h16km, n134,
e172/108, mb4.6/34, MS3.8/36, 1D, Irian Jaya region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like SRPI Serui, Papua, FAKI Fak Fak, etc.

ISC 11 12:29:09.9-2.5, 4.14S:0.06:134.72E:0.08, h32km, 4km,
mb4.7/29, Error ellipse: s-maj=11.3km s-min=8.7km
az=90.0

ISC 11 12:29:07.0-0.4, 4.53S:0.05:134.81E:0.05, h16km, n134,
e172/108, mb4.6/34, MS3.8/36, 1D, Irian Jaya region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like EDIE Edende, Flores, MRSI Marisa, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ASAR comp=Z, 4.7nm, 0.6s, etc.

Table with columns: RPN, Rapa Nui, 33.20 266, LR, LR, 13 44 37.8, and various race details including names like Guandu, BA, Base Esperanza, Palmer Station, etc.

Table with columns: MIAR, comp=Z,11nm,1.3s, IAmB, IAmB, 13 38 33.0, and various race details including names like Z35A, Perchaven, San Red Boiling Sp, U49A, etc.

Table with columns: Q24A, SUR, Sutherland, 76.06 119, LR, LR, 14 10 58.1, and various race details including names like SUR, Sutherland, TRQ, Mont Tremblant, W13A, Hualapai Mtn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Midelt, Sonseka Arr, Yellowknife Arr, etc.

WEL 11 13:36:29.8,0.8,37.5,5x17.8E, h93km,6km,M3.4/36, ML3.6/36,MLV3.4/36, Error ellipse: s-maj=0.0km s-min=0.0km az=48.7, Off east coast of North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Matakaoa Point, Te Kaha, White Island, etc.

OHWZ Ohakea 3.63 212 P Pn 13 37 22.3 -1.5
KHEZ Kahui Hut 3.69 233 P Pn 13 37 25.9 +2.0
PRWZ Porirua Road 7.30 202 P Pn 13 37 21.9 -2.9
CTZ Chatham Island 7.83 149 P Pn 13 38 21.9 +1.1

WEL 11 13:40:33.0,1.3,35'S,29.17'W,2.6,h173km,51km, M3.9,6,MB4.5,1,ML4.6,MLV3.9,6,MW(mB)3.7/1, Error ellipse: s-maj=0.0km s-min=0.0km az=141.5, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Waiomatatini S, Pakihiroa, Puketiti, etc.

IOC 11 13:58:04.9,1.4,18.30'S,177.90'W, h569km,16km, mb3.3/6, mbmp4.2/9, Error ellipse: s-maj=27.2km s-min=17.8km az=167.0

NEIC 11 13:54:04.1,1.6,18.30'S,177.77'W, h568km,10km, mb4.4/28, Error ellipse: s-maj=18.2km s-min=8.8km az=203.0

ISC 11 13:58:03.8,0.6,18.30'S,177.91'W, h557km, n41, 1.1, mb4.4/18, mb4.4/18, Fiji Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Nonsavu, Afiama, Mont Dzumac, etc.

PDAR Pinedale Array 84.34 330 P P 14 41 57.5 +0.2
KURBS Kurchatov Arra 148.47 44 PKPbc PKPbc 14 49 11.6 +0.2
ZALV Zalesovo Beam 150.25 35 PKPbc PKPbc 14 49 15.6 0.0

IOC 11 14:30:20.4,0.9,8.80'S,107.46'E, h0km, mb4.2/12, mbmp4.2/12, MS3.1/1, Error ellipse: s-maj=39.9km s-min=14.6km az=52.0

NEIC 11 14:30:21.2,1.5,9.05'S,107.107'E, h0km,1km, mb4.5/29, Error ellipse: s-maj=12.6km s-min=9.6km az=149.0

DJA 11 14:30:24.0,0.3,9'S,4.4x10.7E, h54km,30km, M4.6/18, mb4.7/8, MLV4.5/8

ISC 11 14:30:23.1,1.9,9.14'S,107.19'E, h0.06, h27km,14km, n85,0.0594/90, mb4.4/27, South of Jawa

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Cibinong, Christmas Isla, Sukabumi, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KAP Kararay Array, KUR Kurchatov, etc.

IDC 11 14:46:12.0.1.2, 16:00S:174.93W, h257km, 16km, mb3.5/4, mbmp4.1/6, Error ellipse: s-maj=42.4km s-min=16.2km az=150.0

NEIC 11 14:46:12.9.2.4, 16:05S:174.93E, h267km, 10km, mb4.1/13, Error ellipse: s-maj=17.2km s-min=15.2km az=208.0

NOU 11 14:46:58.4, 14:14S:172.38W, h77km, MLv2.7/4, Samoa Islands

ISC 11 14:46:13.6.0.6, 16:05S:174.92W:0.09, h278km, n24, r1522.20, mb3.9/11, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, MSFV Nonsavu, WHZ Wether Hill Ro, etc.

IDC 11 14:52:14.1.0.8, 7:89S:109.08E, h0km, mb4.4/13, mbmp4.4/13, MS3.0/5, Error ellipse: s-maj=39.8km s-min=14.6km az=51.0

DJA 11 14:52:23.8.0.3, 8'S:3'10.9'E, h53km, 6km, M4.6/24, mb5.6/3, mb4.6/16, MLv4.6/24, Mw(mb)5.3

NEIC 11 14:52:23.7.2.0, 8:16S:165.02W, h108.93E:0.06, h72km, 4km, mb4.5/26, Error ellipse: s-maj=11.4km s-min=8.0km az=18.0

ISC 11 14:52:24.0.0.4, 8.24S:106.40E:0.06, h08.99E:0.05, h83km, n113, r1568/112, mb4.4/27, Jawa

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like YOGI Yogyakarta, UGM Wanagama, MKAR Wanaagama, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like KSM Kuching, MYKOM Kota Tinggi, MPSI Bukit Bauma, etc.

IDC 11 14:58:18.4.0.7, 33:15N:139:40E, h0km, mb3.7/9, mbmp3.6/10, ML2.3/1, MS3.1/14, Error ellipse: s-maj=19.7km s-min=12.1km az=17.0

JMA 11 14:58:20.9A.0.1, 33:4N:0.6:13.9'E, h31km, 4km, MV3.4/33, NEAR HACHIOJIMA ISLAND

ISC 11 14:58:20.6.0.6, 33.39N:0.03:139.31E:0.05, h10km, n46, r1937/133, mb3.7/10, MS3.1/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like JHJ Hachiojima 2, JHJ2 Mitsune, JHJ3 Hachiojimakas, etc.

IDC 11 15:16:08.6.0.1, 35:61N:116:31W, h12km, 1km, ML2.9/24, Error ellipse: s-maj=1.0km s-min=0.7km az=68.0

NEIC 11 15:16:08.5.1.5, 35:60N:0.03:116:31W:0.04, h5km, 6km, Error ellipse: s-maj=5.8km s-min=2.1km az=51.0

PAS 11 15:16:09.0.1.3, 35:61N:0.02:116:30W:0.04, h3km, 7km, M3.0/163, ML2.6/72(NEIC), Error ellipse: s-maj=5.8km s-min=3.1km az=62.0

ISC 11 15:16:08.7.1.0, 35:80N:0.02:116:31W:0.02, h7km, 10km, r157-08/179, Central California

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like SHOC Shoshone, TUQ Turquoise Moun, GSC Goldstone, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like JHJ Hachiojima 2, JHJ2 Mitsune, JHJ3 Hachiojimakas, etc.

IDC 11 15:16:08.6.0.1, 35:61N:116:31W, h12km, 1km, ML2.9/24, Error ellipse: s-maj=1.0km s-min=0.7km az=68.0

NEIC 11 15:16:08.5.1.5, 35:60N:0.03:116:31W:0.04, h5km, 6km, Error ellipse: s-maj=5.8km s-min=2.1km az=51.0

PAS 11 15:16:09.0.1.3, 35:61N:0.02:116:30W:0.04, h3km, 7km, M3.0/163, ML2.6/72(NEIC), Error ellipse: s-maj=5.8km s-min=3.1km az=62.0

ISC 11 15:16:08.7.1.0, 35:80N:0.02:116:31W:0.02, h7km, 10km, r157-08/179, Central California

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like SHOC Shoshone, TUQ Turquoise Moun, GSC Goldstone, etc.

IDC 11 15:16:08.6.0.1, 35:61N:116:31W, h12km, 1km, ML2.9/24, Error ellipse: s-maj=1.0km s-min=0.7km az=68.0

NEIC 11 15:16:08.5.1.5, 35:60N:0.03:116:31W:0.04, h5km, 6km, Error ellipse: s-maj=5.8km s-min=2.1km az=51.0

PAS 11 15:16:09.0.1.3, 35:61N:0.02:116:30W:0.04, h3km, 7km, M3.0/163, ML2.6/72(NEIC), Error ellipse: s-maj=5.8km s-min=3.1km az=62.0

ISC 11 15:16:08.7.1.0, 35:80N:0.02:116:31W:0.02, h7km, 10km, r157-08/179, Central California

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like SHOC Shoshone, TUQ Turquoise Moun, GSC Goldstone, etc.

11d 17h

Table with columns: ID, Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like MK31, MKAR, MKAR, etc.

2016 JUL

Table with columns: ID, Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like FIA1, FINES, FINES, etc.

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Table with columns: Code, Station Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like LVC, LVC, LVC, etc.

az=135.0
NEIC 11 20:05:57.63:80N,149:24W,h140km,Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr:1.17;

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

Table with columns: I21K, Tanana, 1.78 320, Pn, Pn, 20 06 28.4 +0.4. Lists seismic events with station codes and magnitudes.

Table with columns: G23K, Bananza Creek, 2.91 354, Pn, Pn, 20 06 42.8 +0.6. Lists seismic events with station codes and magnitudes.

579 2016 JUL 11d 20h

Table with columns for station name, elevation, distance, azimuth, and various flags. Includes stations like IVE Iliamna Volcan, CRQM Cirque, HMT Hamilton, etc.

Table with columns for station name, elevation, distance, azimuth, and various flags. Includes stations like Q19K Cape Douglas, Q19K Cape Douglas, CHX Chaix Hills, etc.

Table with columns for station name, elevation, distance, azimuth, and various flags. Includes stations like PDAR, ULM Lac du Bonnet, NVAR Mina Array, etc.

Table with columns for station name, elevation, distance, azimuth, and various flags. Includes stations like IDC 11 20:22:25.8, NEIC 11 20:22:27.9, etc.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Azimuth Type, Azimuth Value, Azimuth Error Value, Azimuth Error Unit, Azimuth Error Type, Azimuth Value Value, Azimuth Error Value Value, Azimuth Error Unit Value, Azimuth Error Type Value. Includes stations like HERR, FNA, APA, BOVS, etc.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Azimuth Type, Azimuth Value, Azimuth Error Value, Azimuth Error Unit, Azimuth Error Type, Azimuth Value Value, Azimuth Error Value Value, Azimuth Error Unit Value, Azimuth Error Type Value. Includes stations like CKRC, MYKA, VNA1, BIOA, etc.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Azimuth Type, Azimuth Value, Azimuth Error Value, Azimuth Error Unit, Azimuth Error Type, Azimuth Value Value, Azimuth Error Value Value, Azimuth Error Unit Value, Azimuth Error Type Value. Includes stations like H23K, SKT, OHAK, D25K, etc.

Table with columns for call sign, location, elevation, coordinates, and other technical data. Rows include stations like Villa Florida, Sunnyville, Sooner Cattle, etc.

Table with columns for call sign, location, elevation, coordinates, and other technical data. Rows include stations like Snyder Ridge, Snyder, Lake Charles, etc.

Table with columns for call sign, location, elevation, coordinates, and other technical data. Rows include stations like Fort Payne, Lake Jocassee, Kings Mountain, etc.

TUL 11 20:28:57.7±0.3, 35.98N±0.01±1.97; 19W±0.01, h6km, 5km, ML3.1, mb, Lg2.6/23(NEIC), Error ellipse: s-maj=2.4km s-min=0.6km az=142.0.

NEIC 11 20:28:58.4±0.4, 35.98N±0.01±1.97; 19W±0.01, h5km, 6km, Error ellipse: s-maj=2.5km s-min=0.7km az=146.0.

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

NEIC 11 20:49:26.9±1.3, 20.85S±0.1±1.78; 0W±0.2, h51km, 10km, mb4.4/23, Error ellipse: s-maj=27.0km s-min=12.7km

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

Table with columns: SNA, SNA, Sanae, 30.60, 145, P, P, 21 54 49.1, -1.4, 21 54 52.5, etc. Lists various astronomical objects and their properties.

Table with columns: JKO, Kozu shima, 0.80, 347, A, A, 21 57 05.5, etc. Lists various astronomical objects and their properties.

Table with columns: SONM, Songino Array, 28.62, 310, PKPab, P, 22 02 45.7, -0.3, etc. Lists various astronomical objects and their properties.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc. Lists station information and coordinates.

Table with columns: XAN, XAN, XAN, 25.29, 280, pP, pS, 22 02 17.4, +1.4, etc. Lists astronomical objects and their properties.

Table with columns: WRA, Warramunga Arr, 53.26, 186, P, P, 22 06 07.9, -0.4, etc. Lists various astronomical objects and their properties.

Table with columns: ASAR, Alice Springs, 56.99 186, P, P, 22 06 33.4 -1.8, etc. Includes stations like Alice Springs, Oglivie Camp, Eagle Plains, etc.

RSNC 11 22:11:48.9 1.0, 6.83N-73.16W, h153km, 4km, ML3.1, Mw3.5, Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Barranca, Sant, Pamplona, Colo, La Rusia, etc.

Table with columns: SJCC, San Jacinto, C, 3.65 327, eP, Pn, 22 12 43.3 -1.4, etc. Includes stations like San Jacinto, San Jos del P, etc.

THE 11 22:18:31.8, 38°49'N-21°51'E, hOkm, 1km, ML2.0/14, Error ellipse: s-maj=1.9km s-min=0.5km az=359.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Paravola, University Cam, Efpalio, etc.

Table with columns: ITM, comp=E, 4.5nm, 0.6s, S, Sg, 22 19 17.1 +2.3, etc. Includes stations like Ithomi, etc.

DDA 11 22:18:47.9, 0.0, 41°19'N-23°66'E, h1km, 1km, MW3.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Neurokopi, Serrai, etc.

border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Neurokopi, Serrai, Kokkiochori, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U38A, R32A, H3AR, etc.

IDC 11 22:33:58.2±0.5, 33°21'N, 139°40'E, h0km, mb4.0/22, mbmp4.0/25, MLC3.2/3, MS3.7/39, Error ellipse: s-maj=14.8km s-min=8.4km az=23.0

NEIC 11 22:34:01.4±1.9, 33°43'N, 105°139'34"E, h10km, 1km, mb4.6/62, Error ellipse: s-maj=11.0km s-min=5.6km az=217.0

NIED 11 22:34:01.0, 33°42'N, 139°42'E, h33km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm

JMA 11 22:34:01.0±0.1, 33°4N, 0.4±13.9E, h33km, 3km, MD4.6/34, MW4.6/34, NEAR HACHUJOJIMA ISLAND

JMA Felt J1 at NEAR HACHUJOJIMA ISLAND

ISC 11 22:34:00.1±1.3, 33°42'N, 105°139'35"E, h0.4, h6km, 7km, n200, s19/09/156, mb4.5/56, MS3.7/39, 1C, Southeast of Honshu

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HJH, HJU, HJL, etc.

Main table of station data with columns: USRK, Station Name, Az, Phase ID, Time, Res. Includes stations like Ussuriysk Ar., Ussuriysk Ar., etc.

Main table of station data with columns: CCB, Station Name, Az, Phase ID, Time, Res. Includes stations like Clear Creek Bu, POKR, etc.

12d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PV13 Radium Mtn., GEREES GEREES Array B, DAVOX Davos/Dischmet, ANMO Albuquerque, SCHO Schefferville, LPHO La Paz, WMOK Wichita Mounta, TX31 Lajitas Arr, TX32 Lajitas Arr, TXAR Lajitas Arr, TXAR Lajitas Arr, TXAR Lajitas Arr, ESDC Seneca Array, TORD Torodi Arr, LPZA La Paz, etc.

2015 JUL

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRZ Przhval'sk, ZALV Zalesovo Beam, GUR Kurchatov, KAR Garm, CHGR Chuyangaron, KKAR Karatay Array, ABKAR Akbulak array, VVDA Vanda, VVDA Vanda, ARCES ARCES Array B, TORD Torodi Arr, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NCK Nalchik, LSKR Lesken, STDR Stadv-Durt, DIGR Digorskoe uzhe, KORR Kora, KBTC Kuba-Taba, ARNR Ardon, ZEI Tsey, KBZ Khabaz, PRTR Prterechnaya, BTKR Batokoyurt, ONI Oni, ONI Oni, LACR Lac, SHA1 Shidzhatmaz, SHA1 Pyatigorsk, KIVO Kislovodsk Arr, KIVO Kislovodsk, KIV Kiv, TRKR Terskaya, PNSH Pansheti, PNSH Panshi, TKB Tkbuli, GUDG Gaudauri, GUDC Gudc, GROZ Groznyy, NVNR Nevinomyssk, NVNR Nevinomyssk, GOF Gofitskoye, VEDNO Vedeno, etc.

Table with columns: Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like KKB Krupnik, OUR Ouranopolis, THAS Thassos island, etc.

Table with columns: Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like LSK baz=247, SZH Strazhica, RYK Sarkoy-Tekirda, etc.

Table with columns: Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like MKAR Makanchi Array, PRU 12.00:26.9, MORC Moravsky Berou, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like LSH, NC303, NC405, NOA, NOA01, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like BRG, G21K, I29M, H24K, YKA, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like MOA, CONA, CONA, TRF, TRF, MENT, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like P33M Teslin, PMR Palmer, CTR Chitna Glacier, M19K Big River Lodg, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like CUC Castrocucco, SCTL Santa Cesarea, LIT Litokhoron, ILGA Ilgaz, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like GEYT Alibeck, GYA0B ALIBECK ARRAY, O53A New Phialdepp, etc.

12d 1h

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like TKL Tuckaleechee C, V48A Smith Brothers, EIL Elat, BG3 Lake Jaccasse, W52A Murphy, T35A Sooner Cattle, LCAR Lake Charles, Q16A Castle Valley, U38A Gravette, PV22 Blue Mesa, PV23 Hobbs, PV23 Carpenter Ridg, PV15 Paradox Valley, OK032 Salt Plains WL, PV20 West Nyswong, PV11 David Mesa, PAHR Pah Rah Ranch, SDCO Great Sand Dun, SDCO Great Sand Dun, HODGE Hodges, PLAL Pickwick Lake, MSU Marysvale, S22A 4UR Ranch, S22A 4UR Ranch, FPAL Fort Paine, PSUT Pine Spring, OK033 Mehan, KVN Kaiserville, WHAR Wooley Hollow, DEOK Depew, Y52A Libburn, HAW Hawthorne Fire, ELIS Ellis County, R11A Troy Canyon, R11A Troy Canyon, RYN Ryan Mesa Verde, GOGA Godfrey, GOGA Godfrey, GOMU GeErilu, NVAR Mina Array Bea, NVAR Mount Ida, X37A Clayton, PRN Pahroc Range, LCMT Little Creek M, X34A Smith Ranch, WMOK Wichita Mounta, WMOK Wichita Mounta, WLAR White Oak Lake, LZH Lanzhou, LZH Lanzhou, LOOK Love County, SHRP Sheep Range, ANMO Albuquerque, ANMO Albuquerque, CWC Cottonwood Cre, W18A Petrified Fore, W18A Petrified Fore, BBG Big Mountain B, MPMC Major Prospect, MSTX Muleshoe, MSTX Muleshoe.

2016 JUL

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like QSM Queen of Sheba, PNB Monarch Peak, BMM Barren Site, W13A Hualapai Mount, ISA Isabella, X16A Lo Mia Camp, GMRC Granite Mounta, XAN Xian, XAN Xian, PFO Pinyon Flats, TUC Tucson, TUC Tucson, JCT Junction City, JCT Junction City, RAYN Ar Rayn, RAYN Ar Rayn, CD2 Chengdu, TX31 Lajitas Ar. Si, TX32 Lajitas Array, TXAR Lajitas Array, TXAR Wadi Saray, PZH PanZhiHua, PZH PanZhiHua, CBYV Canovanas, SJB San Juan, TORD Torodi Ar. Bea, LPIG La Paz, CHTO Chiang Mai, CHTO Chiang Mai, CMIG Matias Romero, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Montecristo, ACON Acopya, SDV Santo Domingo, MDP Montagnes des, PALK Pallekele, ATAH Atahualpa, NNA Nana, NOU 12 00:55:16.9, WEL 12 00:55:24.1, ISC 12 00:55:19.1, Code Station Name, A° AZ° Phase ID, Time Res, ISC, h m s, Res, ISC.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like KAHZ Kahuranaki, PNHZ Pukenui, WAZ Wanganui, PKE Pukeiti, FSZ Takapari Road, WPHZ Waipukurau, WAZ Waipunga Caves, PRHZ Porangahua, DVHZ Dannevirke, POWZ Post Office Ro, ANWZ Angora Road, PRWZ Port Richard, BFZ Birch Farm, BFZ Birch Farm, MRZ Mangatainoka R, TWZ Tintock, CGWZ Otaki Gorge, HOWZ Holdsworth Sta, KIW Kapiti Island, TMWZ Te Maipa, MTW Mount Morrison, CAW Cannon Point, DUWZ D'Urville Isla, TRWZ Traveller, PAWZ Paruwai Farm, MSWZ Moikau Station, TCW Tori Channel, BHWZ Baring Head, PZWZ Palfister, TUWZ Tuamarina, NNZ Nelson, TKNZ Takaka Hill, QRZ Quartz Range, PRZ Paritutu, BSWZ Blackbirch Sta, MRNZ Maritaki Terra, THZ Topohoe, KHZ Kahutara, KHZ Kahutara, GZV Denniston Nort, LTZ Lake Taylor S, OXZ Oxford, ARZ Arundel, TMZ Timaru, CNRM 12 01:07:20.1, MDD 12 01:07:20.4, Error ellipse, IGL 12 01:07:20.3, SFS 12 01:07:20.0, INMG 12 01:07:21.2, LDG 12 01:07:21.3, ISC 12 01:07:20.9, Code Station Name, A° AZ° Phase ID, Time Res, ISC, h m s, Res, ISC.

Table with columns: YKA, Yellowknife Ar, 30.62, 48, P, P, 01 24 35.1+0.9. Includes stations like WAKE ISLAND Hy, Pinedale Array, and various other locations.

SJA 1201:42:51.6-0.3,57.96S,68.37W,h31km,61km,ML3.9, MW4.0, Drake Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Puerto William, Ushuaia, Punta Arenas.

IDC 1201:49:50.0-2.9,4.62S,134.49E,h0km,mb3.4/1, mbmp3.9/2, ML4.7/2, MS3.3/6, Error ellipse: s-maj=117.2km s-min=53.2km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fak, Manton Dam, Kunurra, Coen, Warramunga Arr, WRA, WFRD, AS31, ASAR, CMAR, KSRs.

MKAR Makanchi Array 68.71 325 P P 02 00 56.2+3.4

IDC 1201:52:04.0-1.1, 21.43S, 174.13W, h0km, mb4.1/7, mbmp4.1/7, MS3.4/8, Error ellipse: s-maj=45.6km s-min=23.9km az=159.0

ISC 1201:52:11.5-0.5, 21.08S, 173.64W, 0.09, h35km, n130, r155/104, mb4.7/57, MS3.2/6, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Niue, AFi, MSFV, DZM, URZ, THZ, LTZ, OXZ, WKZ, DCZ, PYZ, COEN, ASAR, WBR, WRA, GSPA, MJAR, SAO, CBX, CMB, OMMB, QSM, YBH, PNTR, VCNR, LHV, YERR, RYN, NVAR, PAHR, TPH, KVN, SHPR, MOD, K05A, KSRs, KSAR, TUC, PINE, WWOR, HOOD, U15A, NWSA, SZCU, I07A, JOBA, PKCU, ELK, B04A.

D05A Enumclaw 82.31 33 P P 02 04 31.1+1.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTPU, ILSW, MVU, MSU, G08A, HAWA, N19K, MFID, E08A, P08A, E09A, TXAR, SRU, HLD, B08A, ANMO, M22K, PV11, PV21, TTA, BMRM, KLR, K20K, N25K, CAST, KTH, J20K, PDAR, M26K, M27K, VNA3, HDA, ILAR, ILAR, DAWY, HHC, CMAR, CD2, PZH, PZH, PZH, AKASG, CLL, OSTO, BRG, BRG, BRG, DPC, MORC, BRTR, PRU, KRK, KRUC, TORO, AUST 1202:06:46.5-0.7, 32.40S, 122.25E, h0km, Error ellipse: s-maj=9.8km s-min=5.9km az=157.0

AUST 1202:06:46.5-0.7, 32.40S, 122.25E, h0km, Error ellipse: s-maj=9.8km s-min=5.9km az=157.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLRB, NWA0, AUALB, AUALB, RKGY, RKGY, FORT, BLDU, BLDU, BLDU, AUMZ, MORW, MORW.

Code	Station Name	A°	AZ°	Phase	ISC	h	m	s	ISC	Time	Res
WRKA	Warakurna	8.97	37	P	Pn	02	08	59.6	+2.7		
MULG	Mulgathing	10.22	81	P	Pn	02	09	13.6	-0.4		
MULG	Mulgathing	10.22	81	P	Pn	02	09	13.5	-0.5		
PSA0	Pilbara Seismi	10.22	81	P	Pn	02	09	24.6	+0.1		
MBWA	Marble Bar	11.41	347	P	Pn	02	09	30.3	0.0		
GIRL	Giralia	12.07	321	P	Pn	02	09	39.6	+0.2		
OOD	Oodnadatta	12.41	72	P	Pn	02	09	42.2	-1.7		

TUL 12:02:08:19.5:1.1, 35.06N:02:07:61W:0.05, h4km, 5km, ML2.8, mb, Lg3.0(80)(NEIC), Error ellipse: s-maj=5.7km s-min=3.2km az=85.0

ANF 12:02:08:19.5:0.7, 35.07N:02:07:61W, h0km, 4km, ML3.4/10, Error ellipse: s-maj=2.6km s-min=2.1km az=127.0

NEIC 12:02:08:20.7:1.0, 35.08N:02:07:62W:0.05, h4km, 5km, Error ellipse: s-maj=5.9km s-min=3.1km az=80.0

ISC 12:02:08:19.9:1.2, 35.07N:02:07:60W:0.03, h1km, 11km, n104, e0883/97, Oklahoma

Code	Station Name	A°	AZ°	Phase	ISC	h	m	s	ISC	Time	Res
MGMO	comp=Z,42nm,0.8s										
JCT	Junction City	4.94	203	Pn	Pn	02	09	35.1	-0.2		
CCAR	Cane Creek	4.95	102	Pn	Pn	02	09	34.8	-0.6		
LCAR	Lake Charles	5.35	77	Pn	Pn	02	09	40.4	+0.4		
R40A	Maddies Statio	5.36	92	Pn	Pn	02	09	40.4	+0.6		

SJA 12:02:23:24.0:42:09S:73:80W, h101km, ML4.0
NEIC 12:02:23:26.5:1.5, 42:168S:73:03W:0.07, h67km, 7km, mb4.4/27, Mw4.6(GUC), Error ellipse: s-maj=7.2km s-min=4.6km az=85.0

GUC 12:02:23:27.9:0.9, 42:205S:73:38W, h40km, 5km, ML4.5
IDC 12:02:23:29.7:2.3, 42:145S:73:19W, h95km, 18km, mb3.6/8, mbtmp4.0/10, MS2.9/2, Error ellipse: s-maj=21.0km s-min=17.6km az=30.0

ISC 12:02:26:23.0:47:42:20S:0:03:73:37W:0.05, h70km, 7km, n87, i926/97, mb4.3/15, 5C-4D, Southern Chile

Code	Station Name	A°	AZ°	Phase	ISC	h	m	s	ISC	Time	Res
PB15	IPOC Station P	19.22	11	P	P	02	27	45.2	+0.3		
AF01	San Pedro de A	19.68	14	P	P	02	27	50.5	+0.5		
LVC	Limon Verde	19.89	12	P	P	02	27	53.3	+0.9		
LVC	Limon Verde	19.89	12	P	P	02	27	52.7	+0.3		

INET 12:02:34:41.8:0.6, 12:54N:88:61W, h21km, 9km, MW4.0
UCR 12:02:34:41.8:0.9, 12:61N:88:69W, h21km, 4km, ML3.7
SNET 12:02:34:41.5:0.9, 12:61N:88:69W, h17km, 5km, ML3.7
ISC 12:02:34:38.5:1.8, 12:51N:0:07:88:66W:0.04, h13km, 10km, n46, e058/61, Off coast of central America

12d 3h

Table with station names and coordinates for 12d 3h region, including stations like TGUH Tegucigalpa, Un, MOMN Momotombo, RCON San Juan de Ri, and MATN Matagalpa.

Main station data table for 12d 3h region, listing station names, codes, and coordinates. Includes stations like NIED, JMA, JMA Feiti, JMA Feiti 1, JMA Feiti 2, JMA Feiti 3, and various JMA Feiti stations.

Table with station names and coordinates for 12d 3h region, including stations like SRS Serrai, KOKK Kokkinochori, KAVA Kavalas, and KNT Kendrikon.

Main station data table for 12d 3h region, listing station names, codes, and coordinates. Includes stations like SRS, KOKK, KAVA, KNT, and various JMA and KNT stations.

2016 JUL

Main station data table for 2016 JUL region, listing station names, codes, and coordinates. Includes stations like KKB Krupnik, PLG Polygyros, PLG Polygyros, PLG Polygyros, PLG Polygyros, and various KKB and PLG stations.

Table with station names and coordinates for 2016 JUL region, including stations like JHJ Hachijo jima, JHJ Hachijo jima, JHJ Hachijo jima, and various JHJ and JMA stations.

Main station data table for 2016 JUL region, listing station names, codes, and coordinates. Includes stations like JHJ, JMA, WRA, FINES, LPAZ, and various JMA and WRA stations.

600

Main station data table for 600 region, listing station names, codes, and coordinates. Includes stations like KNOS Konyrien, BLB Baldybastay, BLB Baldybastay, BLB Baldybastay, and various KNOS and BLB stations.

Main station data table for 600 region, listing station names, codes, and coordinates. Includes stations like KTBS, SEM, IZV, MTBS, DGS, KURBB, KST, and various KTBS and SEM stations.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, KURK 2.3nm, 0.7s, BTLS Baital, etc.

NOU 12 04:23:12.8, 15:11S:167.69E, h130km, MLV4.9/14, Vanuatu Islands

IDC 12 04:23:14.7-6.5, 15:36S:167.57E, h104km, 63km, mb3.9/6, mbmp4.2/7, Error ellipse: s-maj=52.5km s-min=29.5km az=156.0

NEIC 12 04:23:14.4:1.4, 15:35S:02:167.9E:0.1, h113km, 13km, mb4.4/16, Error ellipse: s-maj=23.5km s-min=19.7km az=202.0

ISC 12 04:23:16.4:0.9, 15:44S:0:09:167.7E:0.1, h124km, n41, r109/41, mb3.9/11, Vanuatu Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like RTV Rentapao, LIFUNC LIFOU, etc.

CTAO Charters Tower 20.93 254 P 04 27 50.7 +1.3

COEN Coen 23.76 270 P 04 28 17.4 -0.3

BKZ Black Stump Fm 24.86 164 P 04 28 27.1 -0.4

STKA Stephens Creek 28.85 231 P 04 29 04.3 +1.0

STKA Stephens Creek 28.85 231 P 04 29 04.1 +0.7

WR0 Warramunga Arr 31.87 257 P 04 29 29.0 -1.1

WB0 Warramunga Arr 32.00 257 P 04 29 29.8 -1.4

WB2 Warramunga Arr 32.05 257 P 04 29 30.2 -1.4

WRA Warramunga Arr 32.06 257 P 04 29 30.0 -1.7

WRA Warramunga Arr 32.06 257 P 04 29 30.4 -1.3

ASAR Alice Springs 32.81 250 P 04 29 37.1 -1.2

ASAR Alice Springs 32.81 250 P 04 29 38.2 -0.1

BBOO Buckleboob 33.47 233 P 04 29 44.3 +0.4

FORT Forrest 39.29 240 P 04 30 38.8 +0.4

PSA00 Pilbara Seismi 45.64 255 P 04 31 24.0 -0.9

MBWA Marble Bar 45.76 255 P 04 31 25.0 -0.5

MORW Morawa 49.33 245 P 04 31 53.6 +0.3

MORW Morwa 49.33 245 P 04 32 17.1

QSPA South Pole Qui 74.59 180 P 04 34 41.4 -0.4

SONM Songino Array 83.31 323 P 04 35 30.6 +1.1

ILAR Eielson Array 87.08 18 P 04 35 46.4 -1.3

SNAA Sanae 92.86 183 P 04 36 15.6 +0.7

MKAR Makanchi Arr 98.00 316 P 04 36 40.2 +1.5

ARCES ARCESS Array B 121.04 345 PKP 04 41 54.1 +0.2

FINES FINESS Array B 126.53 338 PKP 04 42 05.2 +0.2

PDG 12 05:23:42.7-0.1, 42:25N:19:58E, h19km, MD1.8/1, ML1.7/11, Error ellipse: s-maj=0.1km s-min=0.1km az=90.0

TIR 12 05:23:42.4, 42:25N:19:61E, h28km, M2d.6, M2.2, RHSSO 12 05:23:43.2-0.7, 42:24N:19:64E, h8km, M2d.1, M2.7

BEO 12 05:23:44.1-0.4, 42:26N:19:51E, h16km, 3km, ML1.9/6

ISC 12 05:23:43.4:1.0, 42:27N:0:02:19:57E:0.02, h13km, gkm, n44, r096/80, 5C-3D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PDG Podgorica, DRME Dracevica, BCI Bajram Curri, etc.

Table with columns: NKME, NIKSIC, HERCEGNOVI, PESHKOPJA, etc. Includes station names and coordinates.

IDC 12 05:33:20.1:1.9, 14:40S:167.32E, h163km, 16km, mb3.9/14, mbmp4.3/15, Error ellipse: s-maj=22.4km s-min=15.1km az=112.0

NEIC 12 05:33:24.7-2.2, 14:57S:0:09:167.3E:0.1, h194km, 10km, mb4.5/22, Error ellipse: s-maj=18.9km s-min=9.1km az=120.0

NOU 12 05:33:25.4, 14:52S:167.43E, h150km, MLV4.8/9, Vanuatu Islands

ISC 12 05:33:20.7-0.5, 14:34S:0:07:167.31E:0.09, h170km, n65, r133/70, mb4.4/24, Vanuatu Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like LIFUNC LIFOU, KOUNC Koumac, etc.

AFI Afatamalu 20.29 91 P 05 37 45.8 -1.9

CTAO Charters Tower 20.90 251 P 05 37 51.0 +1.1

ARMA Armidale 21.55 219 P 05 37 57.6 +0.8

BKZ Black Stump Fm 26.02 164 P 05 38 36.3 -1.7

STKA Stephens Creek 27.75 171 P 05 38 54.1 +0.7

STKA Stephens Creek 29.27 229 P 05 39 07.7 +0.6

STKA Stephens Creek 29.27 229 P 05 40 09.5 -0.2

STKA Stephens Creek 29.27 229 P 05 39 08.1 +1.0

TOO Toolangi 30.18 216 P 05 39 15.4 +0.4

WR0 Warramunga Arr 31.77 255 P 05 39 28.3 -0.9

WB0 Warramunga Arr 31.89 256 P 05 39 29.6 -0.6

WB2 Warramunga Arr 31.94 255 P 05 39 29.9 -0.8

WRA Warramunga Arr 31.95 255 P 05 39 29.5 -1.3

WRA Warramunga Arr 31.95 255 P 05 44 24.6 -5.1

WRA Warramunga Arr 31.95 255 P 05 39 30.1 -0.7

AS31 Alice Springs 32.84 249 P 05 39 37.7 -0.8

ASAR Alice Springs 32.84 249 P 05 39 37.4 -1.2

ASAR Alice Springs 32.84 249 P 05 39 38.1 -0.4

BBOO Buckleboob 33.84 232 P 05 39 47.3 +0.3

MTN Mantong Dam 35.17 268 P 05 39 54.4 +0.8

KNRA Kununurra 37.22 263 P 05 40 15.0 -1.0

FORF Forrest 39.52 239 P 05 40 35.0 -0.1

PSA00 Pilbara Seismi 45.58 254 P 05 41 23.9 -0.1

MBWA Marble Bar 45.68 254 P 05 41 25.8 +0.2

Table with columns: VNSA Vanda, KRSR Korea Array, USRK Ussuriysk Arr, etc. Includes station names and coordinates.

SOME 12 05:40:43.0, 40:40N:73:07E, h0km

KRNET 12 05:40:41.0:1.0, 39:23N:75:06E, mb2.9, 6C, Southern Xinjiang

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ARLS Aral, UCH Uchtor, BOOM Bostankeye usch, etc.

TUL 12 05:45:58.0-0.8, 35:49N:0:01:96.98W:0:01, h7km, 3km, ML2.7, mb, Lg2.8/58(NEIC), Error ellipse: s-maj=1.8km s-min=1.3km az=153.0

NEIC 12 05:45:58.0-0.1, 35:50N:0:01:96.98W:0:01, h8km, 3km, OK028 Liberty Lake 0.48 307 P 05 45 08.8 -0.2

ANF 12 05:45:58.6-0.2, 35:52N:96.96W, h8km, ML3.1/5, Error ellipse: s-maj=2.5km s-min=1.4km az=169.0

ISC 12 05:45:58.9-0.9, 35:50N:0:03:96.98W:0:02, h10km, gkm, n64, r063/43, Oklahoma

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like OK005 Luther M Schoo, OK011 Prague, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (NOKA, HHAR, MIAR, etc.).

IDC 12 05:54:09.2.4.2, 34.94S:73.55W, h47km, 47km, mb3.4/3, mbtmp3.6/5, ML3.6/2, MS2.9/1, Error ellipse: s-maj=54.5km s-min=34.8km az=94.0, Off coast of Central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (PLCA, LPZA, SIV, etc.).

IDC 12 06:41:51.9.0.4, 32.01S:67.31E, h0km, mb5.1/38, mbtmp5.1/39, ML5.1/1, MS4.7/62, Error ellipse: s-maj=12.6km s-min=11.4km az=32.0, BUI 12 06:41:52.7.0.0, 31.81S:57.24E, h10km, mb5.3/64, mb5.6/43, Ms5.3/55, Ms7.5/50/53, MOS 12 06:41:52.0.1.0, 31.98S:57.35E, h10km, mb5.7/58, MS4.8/11, Error ellipse: s-maj=11.3km s-min=5.6km az=96.8, NEIC 12 06:41:54.2.1.8, 31.90S:0.07S:23E.0.04, h10km, 1km, mb5.5/132, Mw5.4(GCMT), Error ellipse: s-maj=13.5km s-min=4.1km az=159.0, GCMT 12 06:41:54.2.0.1, 31.82S:0.01S:23E.0.01, h12km, Mw5.4(145, Moment Tensor Solution: 574, 0.05, s145, c264; Duration: 1s2 Moment tensors: Scale 10^17 Nm; M1: 1.35e+02; M2: 1.32e+02; M3: 0.03e+02; M4: 0.38e+05; M5: 0.36e+01; M6: 0.27e+06; Best double couple: Mo1.45900e+17; NP1.1e+18, 0.00000; 841.00000; -1.68.00000; NP2.2e+17, 0.00000; 853.00000; -1.108.00000; Principal axes: T 1.4470, Plg6.0000; Azm13.0000; N 0.0250, Plg14.0000; Azm282.0000; P -1.4710, Plg75.0000; Azm127.0000; nstia2 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12 06:41:55.1.0.4, 32.00S:0.04S:57.30E.0.05, h18km, 1km, h18km, P-P, n97.1, r141/100.1, mb5.5/193, MS4.9/101, 47C-39D, Southwest Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (RER, FOMA, etc.).

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (MATP, LBTB, LBTT, etc.).

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (WSAR, ARQI, ARQ, etc.).

Table with columns for station name, frequency, power, and other technical details. Includes stations like BKSJ Bulukumba, CHTO Chiang Mai, KOLN Koldanda, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMI comp=Z,34nm,1.2s, GURO Guroyamb-BITLL, GAR Garm, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SWI SNR=31, KBK Karagaybulak, BOOM Boomsokye 1.4s, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty. Includes stations like HARP, O22K, P52A, Q52A, BR5E, PWL, N51A, Q20K, SEW, V53A, TIGA, CASEE, KLU, M26K, CHIR, GLI, GOGA, M50A, ACSO, KDKA, N25K, SII, P51A, OHAK, M27K, E46A, Q51A, Q51A, BVCY, V52A, AAM, TZTN, TZTN, S51A, S51A, TKL, Y52A, Y52A, EYAK, BMRM, W52A, MCARA, GLMI, GLMI, 352A, N49A, N49A, 152A, YUK3, V51A, L48A, M30M, O49A, O49A, J47A, J47A, CRQE, Q23K, Q23K, X51A, X51A, P49A, P49A, Z51A, Z51A, T50A, T50A, T50A, CTG, KAIM, BGLC, O48B, O48B, W50A, R49A, R49A, YUK4.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty. Includes stations like M31M, P48A, P48A, YKA, YKA, MESA, N30M, N47A, N47A, 250A, YUK6, U49A, U49A, N31M, HYT, PINM, Y49A, BRAL, O30N, LRAL, LRAL, F42A, N32M, V48A, X48A, WHY, SFIN, SFIN, P30M, T47A, L44A, Z47A, WVT, WVT, WVT, P33M, PLBC, OLIL, SKAG, O44A, EYMN, EYMN, G40A, T45B, Q44A, HDIL, HDIL, L42A, OXF, OXF, OXF, P43A, Y45A, JFWS, JFWS, H04A, B35A, VBMS, FFC, FFC, FVM, ULM, ULM, ULM, L40A, DLBC, SPMM, S47A, S47A, CCM, CCM, CCM, AGMN, AGMN, P40A, P40A, R40A, W35M, W35M, Z41A, CRAG, MIAR, NATX, MDND, ECSD, ECSD, TULI, KSUI, 435B, WHTX.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty. Includes stations like 833A, WMOK, CBKS, JCT, ABTX, LAO, RSSD, EGMT, KSCO, MSTX, NEW, K22A, TXAR, TXAR, TXAR, N23A, BOZ, T25A, Q24A, ISCO, H17A, SDCO, MOOW, PDAR, PDAR, BW06, S22A, AN20, O10A, G05D, HLID, G03D, MVCO, 121A, H04D, I05D, I02E, I02A, I03D, DUG, J05D, W18A, J04D, J01E, K02D, K04D, L04D, L02F, TUC, R11A, 214A, NVAR, NVAR, NEE, NEE, GRAC, TUQ, FURC, GMRC, MLAC, BC3, HEC, BELC, MPMC, GSC, SWSC, CWC, RRR, TPFO, PFO, MONP, BBRC, ISA, EDW2, BFSC, ARVC, DECC, CIS, PKM, SC2, SBC.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like USP Osenovka, AAK Ala-Archa, and various other observatory codes.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BRLS baz=269, CHM Chirkent, and various other observatory codes.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, and various other observatory codes.

Technical notes and data for the 12d 7h period, including station coordinates, observation times, and specific data points for various stations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESCD Sonseca Array, PLCA Paso Flores, JNU Naktsue, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARLS Aral, GAR baz=13, GAR baz=61, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB02 comp=N,2j,0.3s, PATCX Punta Patache, etc.

IDC 12 07:19:13.3:3.2,57:78N:88:12E,h0km,mbtmp3.3/2, ML3.0/2, Error ellipse: s-maj=31.8km s-min=18.6km az=52.0

NNC 12 07:19:15.1:1.8,53:66N:87:99E,h0km,mb3.4,mpv3.0, Error ellipse: s-maj=15.8km s-min=8.2km az=52.0

ISC 12 07:19:14.9:3.9,53:38N:0:1:88:0E:0:2,h0km,n9,0:07/12, 7C-6D, Southwestern Siberia

IDC 12 07:40:17.1:1.0,0.7:39S:126:20E,h250km,122km, mb3.4/3,mbtmp4.3/5, Error ellipse: s-maj=134.1km s-min=36.8km az=65.0

NEIC 12 07:40:20.7:0.7,7:40S:0:08:126:3E:0:1,h290km,11km, mb4.5/5, Error ellipse: s-maj=18.8km s-min=9.0km az=63.0

DJA 12 07:40:22.7:0.8,8:5:6:12:6E:1,h277km,7km,ML4.0/10, mb4.0/4,MLV4.0/10

ISC 12 07:40:21.1:0.7,7:52S:0:07:126:23E:0:08,h300km,n38, 0:095/39,mb4.1/6,Banda Sea

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like T2M2 Tokmak 2, IUG luzhnyay, IUG luzhnyay, etc.

ISC 12 08:48:41.8:1.1,49:70N:0:04:17:79E:0:04,h43km,17km, n7,0:048/14,Czech and Slovak Republics

MOS 12 08:48:41.8:1.0,6:27S:147:37E,h43km,mb5.6/46, MS4.9/18, Error ellipse: s-maj=8.2km s-min=4.9km az=109.5

IDC 12 08:48:43.7:0.9,6:34S:147:50E,h48km,8km,mb5.1/30, mbtmp5.4/33,ML5.3/2,MS4.5/33, Error ellipse: s-maj=12.2km s-min=7.6km az=78.0

BJI 12 08:48:43.7:0.6,31S:147:84E,h79km,mb5.2/73, mb5.2/48,MS4.9/68,MS7.4/8/65

NEIC 12 08:48:44.1:2.8,6:44S:0:04:147:46E:0:05,h43km,4km, mb5.4/130,Ms.20.4/9,222,Mwv5.6, Error ellipse: s-maj=9.7km s-min=1.2km az=131.0

DJA 12 08:48:47.0:0.3,6:5:2:14:8E:1,h79km,4km,MS.4/52, MwMwp5.2/21,Mwp5.4/21

NEIC 12 08:48:49.6:33S:147:52E,h50km,Moment Tensor Solution, Duration: 50 Moment tensors: Scale 1017Nm; Min-1.8S; Max-1.66; Mbb-0.18; Mbd-2.13; Mbr-1.30; Mbr-0.75;

Code Station Name Az Phase ID Time Res

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Table listing various locations (e.g., LSA, LSA Lhasa, LSA, CASY Casey) with their respective coordinates, dates, and status indicators.

Table listing various locations (e.g., MKAR, MKAR, MKAR, R17K, R17K, P16K) with their respective coordinates, dates, and status indicators.

Table listing various locations (e.g., L19K, M19K, M19K, M19K, HOM, CNPM) with their respective coordinates, dates, and status indicators.

Table with columns: Station Name, Frequency, Power, Class, Date, Time, and other details. Includes stations like Sheep Creek Mo, Sheep Creek Mo, RND, DZA, etc.

Table with columns: Station Name, Frequency, Power, Class, Date, Time, and other details. Includes stations like C23K, Ikkilik River, PINK, Edge Creek, etc.

Table with columns: Station Name, Frequency, Power, Class, Date, Time, and other details. Includes stations like I04A, Tendick Farm, AKTO, Aktuybinsk, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like TPWA Teton Pass, MOOV Moose Ponds, SNOW Snow King Moun, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like KSU1 Kansas State U, MILM Milestii Mici, OK025 Westminster Rd, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like MODS Modra-Piesok, W45A Hickory Valley, Y45A Yeager Farm, C, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, etc. Rows include M50A, SWET, V49A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, etc. Rows include S54A, NR4A, S54A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, etc. Rows include ODNJ, Ogdensburg, LCO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TBG, PDRB, TDBA, etc.

IDC 12 08:53:20.4;2.4, 32.066S-57.45E, h0km, mb3.7/2, mbmtop3.9/3, ML4.3/1, Error ellipse: s-maj=158.6km s-min=36.6km az=28.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OPO, H08S1, H08S2, etc.

IDC 12 09:05:23.7;2.3, 36.41N-70.98E, h197km, mb3.8/18, mbmtop4.4/23, Error ellipse: s-maj=15.6km s-min=11.3km az=3.0

NNC 12 09:05:23.6;5.3, 36.87N-70.29E, h0km, mb5.0, mpv4.6, Error ellipse: s-maj=43.2km s-min=40.2km az=124.0, BUJ 12 09:05:25.9;0.0, 36.36N-71.04E, h227km, mb4.1/10, mb4.7/4

NEIC 12 09:05:26.9;1.5, 36.59N-0.07-70.85E-0.09, h225km, gm, mb4.3/52, Error ellipse: s-maj=12.3km s-min=9.2km az=132.0

ISC 12 09:05:26.4;0.4, 36.52N-0.05-70.87E-0.05, h225km, n154, c1944/166, mb4.2/40, 3C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAB, GBL, CHGR, etc.

Main table with columns: AAK, BHK, BHK, BHK, KBK, UHLS, CHMS, CHMS, CHMS, BOOM, HRA, TKM2, TKM2, TKM2, TARG, SMLA, SMLA, MDOK, MDOK, PRZ, NDI, KUDL, GEYT, GYA0B, AJM, LGTI, LGTI, JHNI, JHNI, MAK, MAK, DAN, KOLN, BHP, KLN, DMN, KKN, ABKAR, KURBB, PKIN, PKI, PKI, GUN, GUN, JIRI, RAMN, AKTO, TAPN, UOSS, ZAAO, ZAAO, ZALV, ZALV, ZALV, ARU, KBZ, BELG, RAYN, KIRV, CD2, PZH, PZH, SONM, BR131, BRTR, BRTR, KLMR, HHC, HHC, AKASG, MLR, MLR, NACGM, BURAR, BUR08, FINES, FINES, FINES, FINES, QJC, QJC, KEV, KEV, ARAO, ARCES, ARCES, ARCES, KTK1, HAMF, JETT, CUC, GSJ, CLL, CLL, AAK

Table with columns: TRO, FAUS, MOR8, STEI, NC405, NC602, NC303, NB201, NB2, NOA, KONS, NB000, NB000, NC204, LOF, TIXI, DAG, ESCD, SUGM, SUGM, SUGM, TOAO, TORD, TORD, TORD, TOLK, TOLK, A36M, A36M, IMAR, H21K, H21K, BMAR, H2K2, H2K2, MLY, C36M, INK, INK, K20K, K20K, MDM, MDM, BPAW, NEAZ, NEAZ, TCOL, TCOL, COLA, COLA, CAST, ILAR, KTH, KTH, I29M, I29M, SCRK, SCRK, DHY, PAX, PAX, SML, SML, M2K, BOSA, VRDI, VRDI, YKA, YKA, P33M, P33M, WRA, WRA, ASAR, ASAR

VIE 12 09:05:29.9;0.3, 46.90N-15.45E, h0km, m10.9/2, Error ellipse: s-maj=2.8km s-min=1.4km az=106.0, 5 km W of Wildon Suspected Mining explosion, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARSA, ARSA, SOKA, SOKA

KRNET 12 09:24:08.2;0.1, 43.00N-77.45E, h21km, mb2.6, SOME 12 09:24:08.6; 43.00N-77.43E, h10km, ISC 12 09:24:08.2;0.9, 43.00N-0.03-77.46E-0.02, h15km, z7km, n24, c0F24/48, 2C-6D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MDOK, MDOK, MDOK, MDOK, TNS5, TNS5, TNS5, TNS5, IZV, IZV, IZV, SATY, SATY, SATY

Mw=0.40±.14; Mw=2.51±.11; Mw=2.91±.12; Mw=0.07±.16; Mw=1.07±.08; Mw=0.55±.14; Best double couple; M=2.95600x10¹⁶ N1P1φ=56.00000°,δ83.00000°,λ5.00000°. NP2φ=325.00000°,δ85.00000°,λ173.00000°. Principal axes: T 3.1970, Plg9.0000°, Azm281.0000°; N -0.4790, Plg81.0000°, Azm107.0000°; P -2.7140, Plg1.0000°, Azm11.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 12 10:14:02.6±0.6,41.39N,0.01,44.04E,0.01,110km,4km, M=25.1861/654,mb4.5/68,MS4.0/56,63C-23D,Western Caucasus

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

Table with columns: HOPA, Hopa-Artvin, ZKTA, Zakatala, ZKTA, Zakatala, SNR=280, etc. Lists station names and SNR values.

Table with columns: MAK, Makchackkala, KSMR, Kasumkent, KSMR, Kasumkent, etc. Lists station names and associated values.

12d 10h

Table with columns: STAL, STAL, 23.03 293, P, P, 10 19 06.7 -1.1, 10 19 29.6, BOD, BOD, 46.03 44 eP, P, 10 22 26.2 +0.2, etc.

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Table with columns: BOD, BOD, 46.03 44 eP, P, 10 22 26.2 +0.2, BOD, BOD, 46.03 44 eP, P, 10 22 26.2 +0.2, etc.

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Table with columns: BKRG, Bakuriani, 0.58 312, P, Pg, 10 16 11.5 -0.1, BKRG, Bakuriani, 0.58 312, P, Pg, 10 16 11.5 -0.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Botanikuri, Tbilisi Sea, David-gareji, Abastumani, Kars, etc.

JMA 12 10:43:06.2-0.5, 43°N, 2°14'7E, h42km, 3km, MV2.7/22, SKHL E OFF HOKKAIDO

ISC 12 10:43:07.7-0.6, 43°40'N, 146°80'E, h49km, 5km, mb3.9/3, 12c, f111/18, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Shikotan, Nemuro, Kuril'sk, etc.

TIF 12 10:43:41.9, 41°38'N, 44°03'E, h14km, NORS 12 10:43:42.0, 41°38'N, 43°39'E, h1km, MPV4.0

ISC 12 10:43:42.4, 41°36'N, 44°02'E, h8km, ML2.6/3, DDA 12 10:43:42.0, 41°34'N, 44°02'E, h8km, 3km, ML2.5

ISC 12 10:43:42.5, 0.8, 41°37'N, 02°44'04.0E, h10km, 6km, n42, c1524/78, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Dmanisi, Trialleti, Kazreti, Burnasheti, Bogdanovka, Akhalkalaki, Bakuriani, Botanikuri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGD1, IGD2, IGD3, SENK, DIGR, DIGR, Dedoflistskaro, etc.

NEIC 12 10:55:35.4, 1.3, 63°55'N, 0°10'128.27E, h289km, 10km, mb4.4/6, Error ellipse: s-maj=15.1km s-min=9.1km

ISC 12 10:55:40.2, 9.7, 65°25'N, 128°51'E, h357km, 122km, mb3.2/4, mbmp3.9/6, Error ellipse: s-maj=108.6km s-min=34.8km

ISC 12 10:55:35.4, 0.6, 64°45'N, 0°07'128.37E, h300km, n34, c1501/36, mb3.7/6, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANI, FAKI, SOEI, SOEI, MTS, KOU, KOU, KNRA, etc.

NOU 12 11:21:08.6, 23°41'S, 174°67'E, h0km, ML2.5/8, Southeast of Loyalty Islands

NEIC 12 11:21:44.0, 1.3, 22°15'S, 0°2'172.1E, h41km, 21km, mb4.3/6, Error ellipse: s-maj=34.0km s-min=2.5km

ISC 12 11:21:44.3, 8.8, 22°42'S, 172°02'E, h55km, 65km, mb3.6/3, mbmp3.9/4, ML3.7/1, MS3.2/2, Error ellipse: s-maj=93.2km s-min=41.0km az=154.0

ISC 12 11:21:42.8, 1.4, 22°25'S, 0°2'172.2E, h1.1, h35km, n27, c1949/26, mb4.1/6, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MARNC, Loyalty, Pinnac, Pinnac, LIFOC, Ouen, Ouen, Ouen, etc.

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

IDC 12 11:41:15.2, 2.0, 7°26'N, 59°67'E, h0km, mb3.8/9, mbmp3.8/9, MS3.6/25, Error ellipse: s-maj=49.6km s-min=25.2km az=148.0

NEIC 12 11:41:15.2, 1.7, 0°N, 0°2'59'4E, 0.1, h10km, 2km, mb4.2/9, Error ellipse: s-maj=28.4km s-min=15.3km az=206.0

ISC 12 11:41:16.8, 1.4, 7°31'N, 0°2'172.0E, h10km, n43, c1844/21, mb4.0/14, MS3.5/23, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Socotra, Wadi Sarin, Arta Tunnel, Bademkaya, etc.

NEIC 12 11:41:55.0, 1.2, 36°92'N, 0°04'141.19E, h0.09, h37km, 9km, mb4.4/1, Error ellipse: s-maj=10.5km s-min=6.3km az=100.0

NIED 12 11:41:55.4, 36°92'N, 141°11'E, h51km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale: 10^14Nm, Mw=2.6, Mb=3.45, Mw-1.18, Mw-6.89, Mw-0.48, Mw-4.02, Fault plane solution: M=8.390000x10^14 NP1: s=306.00000, l=817.00000, a=27.00000, NP2: s=62.00000, l=882.00000, a=105.00000

JMA 12 11:41:55.4, 0.1, 36°92'N, 0°3'141.1E, h51km, MV3.7/40, E OFF FUKUSHIMA PREF

IDC 12 11:41:56.6, 2.9, 36°86'N, 140°99'E, h60km, 28km, mb3.7/8, mbmp4.0/10, ML3.5/2, MS3.1/5, Error ellipse: s-maj=28.4km s-min=15.9km az=79.0

ISC 12 11:41:54.9, 1.0, 36°90'N, 0°04'141.20E, h0.07, h42km, 9km, n62, c898/58, mb4.1/15, MS3.3/4, AD, Near east coast of eastern Honshu

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

12d 11h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Marumori, Yasato, Katsushina, Matushiro Arr, etc.

SOME 12 11:44:36.9, 40.40N:77.12E, h10km
KRNET 12 11:44:38.0, 40.48N:77.35E, mb3.0
NNC 12 11:44:43.0, 40.66N:77.09E, h0km, mb3.6, mpv3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Taragay, Ulahol, Boom, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Matube, Tokmak 2, KasteK, etc.

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JMA 12 11:57:46.9, 0.2, 25°N; 141°1'E; h218km, 2km, MD5.0/37,
IOTO ISLANDS REGION
ISC 12 11:57:45.4, 0.4, 25.07N; 0.04, 141.08E; 0.04, h244km, 3km,
n864, e1914/857, mb4.8/260, 11C-5D, Volcano Islands
region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Haha-jima-NKT2, Chichijima, etc.

BJI 12 11:57:42.7, 0.0, 24.95N; 141.127E, h249km, mb5.0/72,
mb4.7/37
IDC 12 11:57:44.0, 0.7, 25.06N; 141.04E, h231km, 6km, mb4.1/22,
mbtmp4.6/26, Error ellipse: s-maj=10.9km s-min=8.4km
az=96.0
NEIC 12 11:57:45.3, 1.9, 25.04N; 0.07, 141.04E; 0.08,
h239km, 6km, mb4.7/334, Error ellipse: s-maj=10.9km
s-min=9.8km az=97.0
GCMT 12 11:57:45.3, 0.4, 25.03N; 0.03, 140.97E; 0.03,
h234km, 3km, MW5.0/80, Moment tensor: Solution,
s1|c32: s80|102: Duration: 0 Moment tensor: Scale
1016Nm; Mw=1.08; Ms=1.25; Mw0.42; Mw=1.50; Ms;
Mw=2.14; Mw=0.25; Mw=2.97; Mw=13; Best double
couple: M3.906000*1016 NP1=201.000000; 815.000000;
1.144.000000. NP2=326.000000; 882.000000; 178.000000.
Principal axes: T 3.8810, P1g52.000000; Azm222.000000;
N 0.0480, P1g12.000000, Azm328.000000; P -3.9310,
P1g36.000000; Azm66.000000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
NIED 12 11:57:46.9, 25.26N; 140.78E, h218km, MW4.8, Moment
Tensor Solution, s1 Moment tensor: Scale: 1016Nm;
Mw=1.34; Mw=0.10; Mw=1.25; Mw=0.38; Mw=0.73; Mw=1.36;
Fault plane solution: Mw2.050000*1016 NP1:
3229.000000; 832.000000; 1.135.000000. NP2:
3660.000000; 868.000000; 1.65.000000.

Table with columns for station call sign, name, frequency, and other technical details. Includes stations like TNTI, MANU, GULI, ENHI, LBMI, FAKI, etc.

Table with columns for station call sign, name, frequency, and other technical details. Includes stations like SOEI, KDU, EDPI, KOEN, COEN, etc.

Table with columns for station call sign, name, frequency, and other technical details. Includes stations like ASAR, RK1H, GUMB, GAMB, etc.

Table with columns: ID, Name, Altitude, Count, Category, Status, Date, Time, and other details. Includes entries like P19K Oii Pt, P19K Oii Pt, CMA Cobar Meteorol, etc.

Table with columns: ID, Name, Altitude, Count, Category, Status, Date, Time, and other details. Includes entries like PWL Port Wells, PWL Port Wells, NEA2 Nenana, etc.

Table with columns: ID, Name, Altitude, Count, Category, Status, Date, Time, and other details. Includes entries like MCARA McCarthy VSAT, MCARA McCarthy VSAT, M26K Nabesna, AK, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NGZ, ETVZ, OTVZ, SNVZ, FWVZ, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like C09A, C09A, C09A, Dider Farm, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like FLWY, GSC, GSC, Goldstone, etc.

SOME 12 11:59:14.8, 43:65N-69:62E
NCC 12 11:59:16.5, 2.4, 43:68N-69:80E, h0km, mb3.8, mpv3.3,
Error ellipse: s-maj=13.7km s-min=7.8km az=140.0,
Suspected Mining explosion.
ISC 12 11:59:12.6, 2.7, 43:39N-071:697E:0:1, h0km, n10,
a:15/13, Central Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BRLS Boroloday, KK31 Karatay Array, IUG Iuzhnyy, MRKS Merke, DGS Degeres, KST KasteK, KUU Kurty, KTBS Karatobe, CHKK Chushkaly, TNSS Tian-Shan.

IDC 12 12:20:43.1.0, 12:64N-126:09E, h0km, mb3.9/7, mbmp4.0/8, ML4.8/11, MS3.2/13, Error ellipse: s-maj=39.8km s-min=16.6km az=72.0 NEIC 12 12:20:44.5-2.3, 12:65N-126:08E, h1.0km, 1km, mb4.5/25, Error ellipse: s-maj=23.5km s-min=6.2km az=123.0

MAN 12 12:20:45, 12:77N, 126:08E, h29km, Ms2.5 ISC 12 12:20:47.2-0.6, 12:68N-126:09E, h32km, n57, s136/52, mb4.3/18, MS3.1/10, 5C-4D, Philippine Islands region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BESP Borongan, PVCP Virac, OCLP Ormoc, MSLP Masin, RCP Roxas, JCNP Jose Panganiba, SBUM Sibuyan, KAPI Kappang, JUNU Natsukes, JCJ Chichijima, KSRS Korea Array, MTN Manton Dam, IPM Ipo, MAJO Matsushiro, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, KNRA Kununurra, JMM Marumori, JEW Eniwo, WBO Warramunga Arr, WRA Warramunga Arr, PSAO0 Pilbara Seismi, ASAR Alice Springs, CTAO Charters Tower, MORW Morawa, FORT Forrest, STKA Stephens Creek, STKA Stephens Creek, YAK Yakutsk, MK31 Makanchi Arr, MKAR Makanchi Array, MA2 Magadan, KURK Kurchatov, O18K Koktuh Hills, O19K Cape Douglas, J20K Novitara River.

Table with columns: J20K, IAMB, IAMB, 12 32 26.9. Includes stations like IMAR Indian Mountain, DLBC Dease Lake, YBH Yreka Blue Hor.

JMA 12 12:41:48.7-0.7, 44°N-3°14'E, h30km, MV3.6/13, SE OFF ETOROFU SKHL 12 12:41:49.9-0.7, 44:30N-149:10E, h54km, 2km, mb4.2/3, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SHO Shikotan, SHO 70nm.0.7s, SHO 590nm.0.3s, SHO 360nm.0.3s, YUK Yuzh-Kuril'sk, YUK 130nm.0.6s, YUK 100nm.0.4s, YUK 110nm.0.4s, YUK Nemuro 2, NMR Nemuro-Hokkai, NMR 160nm.0.4s, JRA Rausu, JNK Nakash, JAK Akkeshi, JAK Akkeshi, JTKR Ashobori-Toko, JAR Ashorobito, JAR Onbets, JCH Churui, JNBK Urakawa-nobuka, JANG Nango, JANG Nango, JTH Tanohata.

NOU 12 12:43:45.9, 40:91'S-173:77'E, h103km, MLV4.1/10, Cook Strait, New Zealand WEL 12 12:43:47.0-5.4, 31°S-3°17'E, h76km, 5km, MS3.5/31, ML3.8/32, ML3.5/31, Error ellipse: s-maj=0.0km s-min=0.0km az=1.1

ISC 12 12:43:45.0-1.0, 40:91'S-173:73E, h109km, 8km, n130, s119/145, Cook Strait

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DUWZ D'Urville Isla, NNZ Nelson, TCW Tory Channel, TUWZ Tuamarina, TKNZ Takaka Hill, BSWZ Blackbirch Sta, SNZO South Korori, WEL Wellington, MRNZ Matariki Terra, MRNZ Kapiti Island, ORZ Quartz Range, ORZ Quartz Range, BHW Baring Head, CAW Cannon Point, THZ Tophouse, THZ THZ, OGWZ Otaki Gorge, MSWZ Mokaiu Station, PLWZ Palliser, PLWZ Holdsworth Sta, HOWZ Mount Morrison, MTW Paruwai Farm, PAWZ Ohakea, OHWZ Mangatapu R, NMEZ Ngatangiia, WAZ Wanganui, KHZ Kahutara, KHZ Kahutara, LREZ Lake Rotokare, TRWZ Traveler, PREZ Palmer Road, KHEZ Kahui Hut, POWZ Post Office Ro, TIWZ Tintock, NBEZ Newall Road No, TMWZ Te Maipi, NZO North Egmont, DSZ Denniston Nort, PKE Pukeiti, PRWZ Porirua, DRWZ Darerewa, CPWZ Castlepoint, TSZ Takapari Road, BFZ Birch Farm, BFZ Birch Farm, VRFZ Vera Road, DVHZ Danerewa, MTVZ Mangateiti, PKVZ Pokaka, GVZ Greta Valley S, TRVZ Turoa, PNHZ Pukeiti, WNVZ Wahangora, ANOZ Angora Road, DRZ Dome Shelter, MOVZ Moawhango, HWZ Whangaeu Hut, FWVZ Far West T-bar, LTWZ Lake Taylor, TUWZ Tuapou, WPHZ Waipukurau, NGVZ Ngauruhoe, TWZ Tarearua, SNVZ Scaevola Ngauruho, BHZ Black Hill Sta, NNVZ North Ngauruho, OTVZ Oturere, WTVZ West Tongariro, PRVZ Pranghaui, KRVZ Darerewa, ETVZ East Tongariro, NTVZ North Tongariro, TMVZ Te Maari, KRKZ Kereru, AMBZ Amberley, KATZ Karamaea, INZ Inchbonnie, KWHZ Kaweka Forest, PXZ Pawanui.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HIZ Hauri, RATZ Rangitukia, KAHZ Kahurangi, MCHZ McNeill Hill, HATZ Hatakeia, OXZ Oxford, BKZ Black Stump Fm, BKZ Black Stump Fm, OKCZ Okains Bay, MQZ McQueen's Vall, HATZ Hatakeia, TLZ Tolley Road, NMHZ Naumai, AKCZ Akaroa Harbour, RACZ Rakaia, RACZ Alton Road, WVZ Waitaha Valley, MTHZ Maungataniwha, PRRZ Raukumara, RACZ Arahi, WAZ Wakanu South, WAZ Waitaha, TOZ Taharoa Road, GAZ Gaunt Creek Bo, MHGZ Mahia Peninsula, MARZ Manawaha, URZ Urewera, URZ Urewera, TGRZ Tauranga, RIGZ Rimuhau, MWZ Matawai, AWAZ Awitapu Peninsula, MZK Matakie, MZK Moutoukai, TMZ Timaru, TKGZ Te Karaka, WTAZ Waitarua, ETAZ East Tamaki Re, KRAZ Kaitiaki Bore, MBAZ Motutapu North, WIAZ Waitapu Island, TWGZ Tawharaepare, ABAZ Army Bay, KUZ Koutounga, KUZ Koutounga, ODZ Otahua Downs, WAZ Waipua Caves, OUZ Omahuta, OUZ Omahuta, CTZ Chatham Island.

DDA 12 12:52:52.8-0.0, 35:83N-29:84E, h14km, 4km, MW3.9 IDC 12 12:52:56.8-1.2, 36:06N-29:72E, h0km, mb3.8/4, mbmp3.8/8, ML3.7/3, MS2.8/3, Error ellipse: s-maj=28.8km s-min=15.0km az=153.0

ISK 12 12:52:56.7, 36:04N-29:72E, h8km, ML3.6/20 ISC 12 12:52:56.8-1.4, 36:04N-0:05-29:71E, h0.02, h1km, 9km, n55, s95/67, mb3.8/4, Turkey

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AKAS Kas, AKAS Kas, DEMR Demre-Antalya, ELL Elmali, FETV Fethiye, FETV Fethiye, KEMT Kemer-ANTALYA, KAME Camel-Denizli, KORT Korkueli, KORT Korkueli, CAEL Denizli, DALY Dalyan (Mula), GOLH Gohlisar, ARG Arkhangelos, ARG Arkhangelos, TURN Turunc, TURN Turunc, BUCA Bucur, APMY Acipayam-Deniz, TAVA DENIZLI, Tavas, BCK Bueak, YER Yerkesik, YER Yerkesik, MULA Mugla, Merkez, BRDR BURDUR-Merkez, KEPZ Antalya-Kepez, SUTO Sultaniye-Ispart, DAT Datca, DAT Datca, DAT Datca, ISF Isparta, ISF Isparta, GAZI Gazipasa, NIS1 Nisryros Isl, SEVD Seydisehir-KON, AYDN Tasoluk, BODT Bodrum, BODT Bodrum, AYDB Zeytinokoy-Aydi, GCAM G?zelcam?, SHUT Suhut-Afyon, KULA Kula-Manisa, SMI Samos, IDI Anoyia, BRTR Keskin Array B, BRTR Keskin Array B, MMAL Meron Ar, GNI Garni, AKAS Malin Array Be, GERES GERES Array B, DAVOS Davos/Dischmat, FINES FINES Array B, ESDD Toroni Arr. Be, MKAR Makanchi Array, ATH 12 13:08:09.6, 41:20N-23:76E, h10km, 2km, ML2.7/2, Error ellipse: s-maj=2.4km s-min=1.0km az=347.0 THE 12 13:08:09.6, 41:20N-23:74E, h11km, 1km, ML2.3/13, Error ellipse: s-maj=1.1km s-min=0.4km az=17.0 SKO 12 13:08:11.3, 41:17N-23:73E, h2km

BEO 12 13:08:12.7.0.7, 41.28N-23.65E, h11km, 3km, ML2.3/6
ISC 12 13:08:08.0, 9.411, 19N.0, 02.2377E, 0.02, h16km, 6km,
n37, r1501/66, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Serrai, Neurokopi, Kokkinochori, etc.

IDC 12 13:34:01.2, 2.8, 33.09N-139.56E, h0km, mb3.5/2,
mbtmp3.4/3, ML2.2/1, MS2.5/3, Error ellipse:
s-min=161, 1km s-min=31, 3km az=81.0,
JMA 12 13:34:02.0, 2.2, 33.4N-139.9E, h11km, 4km,
M3.3/36E, EAR, HACHIOJIMA ISLAND

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HJH2, HJH3, HJCU, etc.

Gil 12 13:47:16.5, 0.0, 33.56N-35.40E, h1km, MD2.1/3, Mm2.3/4
GRAL 12 13:47:17.8, 0.3, 33.57N-35.40E, h0km, 60km, MD3.0
ISC 12 13:47:17.3, 1.2, 33.57N-0.03, 35.40E, h6km, 10km,
n19, r0569/32, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DQRL, Deir Qamar.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like QRAWL, Qaraoun, BEYL, Beirut, etc.

IDC 12 13:58:41.2, 1.8, 3.69S-152.10E, h0km, mb3.4/3,
mbtmp3.4/3, MS3.2/13, Error ellipse: s-min=53.6km
s-min=1.9km az=94.0, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KRVT, Keravat, PMG, Port Moresby, etc.

IDC 12 14:40:43.0, 2.1, 10.79S-124.21E, h0km, mb3.9/1,
mbtmp3.9/3, ML4.0/2, MS2.5/1, Error ellipse:
s-min=190.7km s-min=31.9km az=53.0,
DJA 12 14:40:48.7, 1.6, 11.54S-122.5E, h26km, 17km, M4.1/9,
mb4.5/5, ML3.9/9

ISC 12 14:40:48.6, 0.9, 10.7S-124.16E, h0.1, h35km, n14,
r1591/16, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BATI, Baumata, MMRI, Maumere, etc.

FUNV 12 14:45:07.2, 9.33N-70.65W, h2km, MW3.4
ISC 12 14:45:05.8, 1.2, 9.33N-70.65W, h13km, 10km,
n21, r1515/37, V, Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SDV, Santo Domingo, SOCV, Socops, etc.

TAP 12 14:47:13.6, 24.73N-122.32E, h12km, ML2.8, C
JMA 12 14:47:14.5, 0.1, 25.1N-122.3E, 0.4, h32km, MV2.1/8,
TAIWAN REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EGS, baz=288, TWB1, Santiao Chiao, etc.

Table of astronomical observations for 12d 16h, including station codes (e.g., H23K, I23K), names (e.g., Yukon River, Minto, Yukon-K), coordinates, and various parameters like P, I, A, M, and time offsets.

Table of astronomical observations for 16h, including station codes (e.g., BUR08, LSZ, CRVS), names (e.g., Bucovina Ar. S, Lusaka), coordinates, and parameters like P, I, A, M, and time offsets.

12C 12 16:38:22.9±0.7, 53°32'N; 153°83'E, h486km, 14km, mb3.0/6, mbmp3.8/10, Error ellipse: s-maj=27.0km s-min=15.9km az=80.0

KRSC 12 16:38:22.9±1.8, 53°02'N; 154°92'E, h520km, ML4.0 NEIC 12 16:38:22.3±2.3, 53°4N; 01°153'64E; 0.06, h481km, 10km, mb4.2/18, Error ellipse: s-maj=18.0km s-min=5.1km az=186.0

ISC 12 16:38:22.7±0.6, 53.25N±0.09, 153.85E±0.08, h483km, 8km, n53, c147/59, mb4.0/11, Sea of Okhotsk

Table of astronomical observations for 16h, including station codes (e.g., APC, GNL, GNL), names (e.g., Apacha, Ganaly), coordinates, and parameters like P, I, A, M, and time offsets.

BJL 12 16:43:51.3±0.0, 43°25'N; 142°81'E, h178km, mb4.2/13, mB4.6/7 MOS 12 16:43:53.3±1.4, 43°42'N; 142°33'E, h155km, mb4.1/15, Error ellipse: s-maj=9.8km s-min=7.0km az=92.1

SKHL 12 16:43:53.1±0.8, 43°30'N; 142°30'E, h150km, 9km, mb4.5/3, mbv5.2/2, msh5.1/2, msh5.2/4

IDC 12 16:43:53.8±2.4, 43°37'N; 142°59'E, h157km, 24km, m3.7/11, mbmp4.1/14, MS3.4/7, Error ellipse: s-maj=27.6km s-min=16.5km az=155.0

NEIC 12 16:43:54.3±1.5, 43°26'N; 142°16'E; 0.1, h172km, 7km, mb4.3/19, Error ellipse: s-maj=11.7km s-min=10.0km az=23.0

JMA 12 16:43:55.3±0.2, 43°2N; 0.6; 142°6E; 0.8, h167km, 1km, MV3.8/31, KAMIKAWA-SORACHI REGION NED 12 16:43:55.3, 43°22'N; 142°57'E, h167km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^19N;

ISC 12 16:43:54.2±0.6, 43°23'N; 142°57'E; 0.04, h173km, 5km, n131, c193/143, mb4.2/30, 9C-14D, Hokkaido region

Table of astronomical observations for 16h, including station codes (e.g., JFR, JAB, JKK2), names (e.g., Ashibetsu, Kamakawa 2), coordinates, and parameters like P, I, A, M, and time offsets.

mb4.5/105 Error ellipse: s-maj=7.2km s-min=6.3km az=157.0
JMA 12 18:53:34.2,0.2,42.3N,0.5,139.3E,0.9,h22km,1km,
M04,1/40,MV4,8/40,SW OFF HOKKAIDO
JMA Felt III J1 at SW OFF HOKKAIDO
MOS 12 18:53:35.4,1.2,42.34N,139.22E,h41km,mb4.8/17, Error
ellipse: s-maj=7.7km s-min=5.8km az=97.5
SKHL 12 18:53:39.7,0.3,42.80N,139.50E,h55km,5km,mb4.4/4
ISC 12 18:53:34.1,0.3,42.34N,139.25E,0.03,h18km,n4/3
#129/449,mb4.5/89,9C-17,Hokkaido region

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Rows include stations like OKUSHIRI-MATS, HIYAMASETANA, SHIMAM, YAKUMO 2, OSHIMAMATSUMAE, etc.

Table with columns: Station Name, Az, Op, ISC, Time, Res. Rows include stations like WONOJU ARRAY BE, WONOJU ARRAY BE, CHUNGIU, BUSAN, INCHEON, etc.

Table with columns: Station Name, Az, Op, ISC, Time, Res. Rows include stations like KOKTUH HILLS, KOKTUH HILLS, BIG MOUNTAIN, BIG MOUNTAIN, NOWINTA RIVER, etc.

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Table with columns: ILAR, Eielson Array, Azimuth, Elevation, SNR, etc. Includes stations like Denali Highway, Denali Highway, Denali Highway, etc.

Table with columns: P32M, Atlin, Azimuth, Elevation, SNR, etc. Includes stations like Atlin, Akbulak array, Akbulak array, etc.

Table with columns: BRTR, Keskin Array B, Azimuth, Elevation, SNR, etc. Includes stations like Keskin Array B, Keskin Array B, Keskin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, etc. Includes stations like Argonia West S, Argonia West S, Argonia West S, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like KAN16, KS20, KAN17, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like SBUW, SBUW, SBUW, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like MAKZ, MK31, MKAR, etc.

IDC 12 18:56:26.4-0.5,31.93S:57.44E,h0km,mb4.4/22, mbmp4.4/23,ML4.4/1,MS3.7/37,Error ellipse: s-maj=17.2km s-min=14.1km az=47.0

NEIC 12 18:56:27.5-1.6,32.01S:0.09:57.45E:0.1,h15km,3km, mb4.8/64,Error ellipse: s-maj=14.2km s-min=12.9km az=66.0

ISC 12 18:56:27.1-0.3,31.94S:0.07:57.42E:0.07,h11km,n175, r1523/137,mb4.8/55,MS3.7/38,4C-5D, Southwest Indian Ridge

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like RER, FOMA, OPO, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like DBIC, DMBRO, MARD, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like DAVOX, RCBR, KIRV, etc.

IDC 12 18:57:26.8-2.3,43.28N:105.22W,h0km,mb4.1/1, mbmp3.9/3,ML3.6/2,MS3.1/2,Error ellipse: s-maj=50.2km az=156.0

NEIC 12 18:57:29.5:1.9,43.62N:0.06:105.31W:0.09,h0km,2km, ML3.5/61,Error ellipse: s-maj=10.6km s-min=9.5km az=74.0

ISC 12 18:57:28.9-1.0,43.59N:0.05:105.34W:0.05,h0km,n64, r1522/61,Wyoming

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like SNA4, SNA4, SNA4, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other technical details. Includes stations like ILGA, GOMU, GOMU, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like RSSD, K2A, K2A, etc.

Table with columns: YMP, LKWY, LKWY, GCMT, ISCO, LOHW, FLWY, FLWY, MOOW, SNOW, YPP, REDW, O20A, TPAW, TPAW, YMR, YMR, AHID, AHID, RDMU, RDMU, YHL, YHL, ECR, SMCO, Q24A, Q24A, BOZ, BOZ, HWUT, HWUT, KSCO, TCUT, P18A, DLMT, LRM, MCMT, HRY, CTU, PV07, BGNE, PV15, HVI, P17A, PV23, SDCO, MDND, PV10, PV11, SRU, PV13, TMUT, IU, ECSD, T25A, MVCO, ULM, ULM, IS65, IS65, SADO, SADO, ARCES, ARCES

Table with columns: FUSB, FUSB, TWA, TWA, NWRT, NWRT, LATG, LATG, YM01, YM01, YM08, YM08, TATO, TATO, PCYT, PCYT, TWY, TWY, ANP, ANP, ETL, ETL, NACB, NACB, YHNB, YHNB, NTST, NTST, TWS1, TWS1, NSK, NSK, NNSB, NNSB, NNSH, NNSH, NNSH, NNSH, TWD, TWD, ETLH, ETLH, ETLH, ETLH, WHF, WHF, HATJ, HATJ, JKRS, JKRS, JIU, JIU, FUNUN, FUNUN

Table with columns: SKR, SKR, PAU, PAU, KDR, KDR, ASAK, ASAK, MTRV, MTRV, RUS, RUS, GRL, GRL, KRMR, KRMR, APC, APC, PET, PET, DALK, DALK, UGLR, UGLR, AVH, AVH, SMAR, SMAR, KRER, KRER, SDR, SDR, KRX, KRX, SPN, SPN, GNL, GNL, TUMR, TUMR

Table with columns: DJA 12 19:38:57.0, DJA 12 19:38:57.0, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: INET 12 19:49:26.9, INET 12 19:49:26.9, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: EGS, EGS, TWB1, TWB1, YJNG, YJNG, NTC, NTC, NTC, NTC, YOJ, YOJ, YOJ, YOJ, TIPB, TIPB, SKX1, SKX1, NWF, NWF, NWF, NWF, WFSB, WFSB, WFSB, WFSB, NDS, NDS, NDS, NDS, EWUT, EWUT, EWUT, EWUT, TWE, TWE, TWE, TWE, TNOU, TNOU, TNOU, TNOU, ENA, ENA

Table with columns: SOCV, SOCV, SOCV, SOCV, CAPV, CAPV, PAMC, PAMC, CURV, CURV, SANV, SANV, TAME, TAME, LL6C, LL6C, DABV, DABV, BARC, BARC, BARC, BARC, SIQV, SIQV, SIQV, SIQV, CRUC, CRUC, CRUC, CRUC, RUSC, RUSC, RUSC, RUSC, ARGC, ARGC, MAPV, MAPV, BAUV, BAUV, BAUV, BAUV, SBC, SBC, BENV, BENV, SJCC, SJCC, SJCC, SJCC, CHIC, CHIC, CHIC, CHIC, PAYV, PAYV, PAYV, PAYV, CACV, CACV, CACV, CACV, BIRV, BIRV, BIRV, BIRV, KRSC, KRSC

Table with columns: IDC 12 20:25:37.8, IDC 12 20:25:37.8, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Station Name, Time, Res, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSRS Korea Array, JOW Kunigami, KLR Kul du...

IDC 12 20:26:30.0.2.4.5.74S:149.20E,h175km,31km,mb3.8/3, mbtmp4.3/5, Error ellipse: s-maj=106.4km s-min=14.1km az=131.0

NEIC 12 20:26:30.2.1.7.578S:0.05:149.04E:0.09,h159km,9km, mb4.0/24, Error ellipse: s-maj=13.6km s-min=7.1km az=92.0

ISC 12 20:26:29.0.0.6.572S:0.08:149.09E:0.08,h150km,n55, c137/56,mb4.4/7, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVT Keravat, RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PSA00, MORW Morawa, KIWB Kanaga Island, etc.

KRNET 12 20:32:07.0.0.1.39.51N:73.82E,mb3.0 ISU 12 20:32:09.0.0.3.67.50N:73.59E,h5km

NNC 12 20:32:15.3.1.6.39.74N:73.67E,h0km,mb3.5,mpv3.2, Error ellipse: s-maj=12.4km s-min=6.1km az=176.0

SOME 12 20:32:15.5.3.777N:73.70E,h5km ISC 12 20:32:11.3.1.8.39.69N:0.07:73.69E:0.03,h4km,11km, n33,c175/53,6C-10D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OHH Osh, OSH Osh, TSTA Tashata, ANR Andizhan, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

IDC 12 21:02:54.8.2.5.591S:130.72E,h0km,mb3.6/1, mbtmp3.6/3,ML3.8/2, Error ellipse: s-maj=147.0km s-min=32.0km az=71.0, Banda Sea

NEIC 12 21:08:38.3.2.5.736N:0.02:122.00W:0.09,h10km,6km, Error ellipse: s-maj=7.6km s-min=2.8km az=73.0

ISC 12 21:08:39.8.1.9.57.51N:121.53W,h0km,mbtmp3.3/3, ML3.3/3, Error ellipse: s-maj=28.8km s-min=18.3km az=129.0

PGC 12 21:08:39.1.0.0.57.37N:122.02W,h6km,ML4.0/22, Mw3.9, 144km northwest of Fort St. John, Bc British Columbia, Canada

ISC 12 21:08:38.0.0.6.57.35N:0.02:122.06W:0.03,h10km,n73, c275/96, British Columbia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NBC5 NorthernBC 5, NBC5 NorthernBC 5, NBC6 NorthernBC 6, etc.

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Table with columns: ID, Name, RA, Dec, Pn, Az, Phase, ID, Time, Res. Includes entries like J26L Joseph Creek, RIDG Independent Ri, ILAR Eielson Array.

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Table with columns: ZALV, Name, RA, Dec, P, Az, Phase, ID, Time, Res. Includes entries like ZALV Zalesovo Beam, ZALV Zalesovo Beam.

Table with columns: NVAR, Name, RA, Dec, P, Az, Phase, ID, Time, Res. Includes entries like NVAR Mina Array, BRTR Keskin Array B.

IDC 1221:10:29.4+6.2, 8.27S-158.49E, h79km, 74km, mb3.5/4, mbmp3.8/4, Error ellipse: s-maj=59.5km s-min=30.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like HNR Honiara, HNR 297nm, 0.3s, baz=292, slow=6.3, SNR=16.

Table with columns: O18K, Name, RA, Dec, P, Az, Phase, ID, Time, Res. Includes entries like O18K Koikuh Hills, K20K Telida.

IDC 1221:38:17.5+3.7, 42.10N-83.25E, h0km, mb3.9/3, mbmp3.7/6, ML2.9/3, Error ellipse: s-maj=75.6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like TXAR Lajitas Array, LPAZ La Paz.

IDC 1221:24:50.4-0.5, 33.19N-139.46E, h0km, mb4.1/16, mbmp4.0/19, ML3.3/3, MS3.4/21, Error ellipse: s-maj=18.5km s-min=7.8km az=24.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like WRA Warramunga Arr, H11S3 WAKE ISLAND Hy.

Table with columns: KDAK, Name, RA, Dec, P, Az, Phase, ID, Time, Res. Includes entries like KDAK Kodiak Island, KDAK Kodiak Island.

IDC 1221:38:18.1+2.0, 41.9N, 02-83.5E, 0.1, h15km, n25, 1518.29N, mb3.9/4, 9C-5D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like PRZ Przheval'sk, TRG Taragay, MDOK Medeo.

IDC 1221:24:53.1-1.2, 33.37N-139.36E, h22km, MW4.3, Moment Tensor Solution, s3 Moment tensor, Scale 10^15N/m

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like JHJ Hachiojima 2, JHJ Mitsu, JHJ2 Mitsu.

Table with columns: ILAR, Name, RA, Dec, P, Az, Phase, ID, Time, Res. Includes entries like ILAR Eielson Array, ILAR Eielson Array.

IDC 1221:43:49.2+1.5, 5.49S, 0:05:152.02E, 0:09, h46km, 8km, mb4.4/16, Error ellipse: s-maj=13.1km s-min=7.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KURBB Kurchatov Arra, KURBB Kurchatov Arra.

IDC 1221:43:50.9+1.6, 5.42S, 151.72E, h63km, 10km, mb3.9/7, mbmp4.2/8, MS3.2/6, Error ellipse: s-maj=37.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like JHJ2 Mitsu, JHJ3 Hachiojimakas, JHJ4 Hachiojimakas.

Table with columns: ASAR, Name, RA, Dec, P, Az, Phase, ID, Time, Res. Includes entries like ASAR Alice Springs, ASAR Alice Springs.

IDC 1221:43:48.7-0.5, 5.51S, 0:08:152.0E, 0.1, h45km, n40, 1511.37N, mb4.3/14, MS3.2/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KRVT Keravat (AS076), KRVT Keravat.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRSR, PETK, ULN, SONMI, etc.

ATH 12:21:45:08.2, 41:52N-20:20E, h10km, 31km, ML1.9/3, Error ellipse: s-maj=31.6km s-min=2.5km az=0.0

Main table for station data, including stations like TIR, PHP, OHR, KBN, ULC, BCI, FNA, SKO, DRME, etc.

1.2nm, 0.7s, baz=54, slow=9.3, SNR=4.9
TORO Torodi Ar. Bea 148.59 287 PKPbc PKPbc 22 07 05.2 -1.1

NEIC 12:21:50:12.2±1.5, 41:08N-0:02±112:82W, 0:03, h0km, 2km, ML1.9/45, Error ellipse: s-maj=4.8km s-min=3.0km az=59.0

Main table for station data, including stations like BGU, HUU, CTU, DUG, HWUT, etc.

Main table for station data, including stations like VLO, FNA, FNA, FNA, FNA, etc.

12d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like BRIS BRIS, LMD Lutirano, FNDV Fontana Vidola, etc.

ROM 12 21:55:29.0-0.1,44:047N,0:006:11:464E,0:007, h2km,ML1.1/5,2C,Error ellipse: s-maj=0.7km s-min=0.5km az=133.0, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like BRIS BRIS, LMD Lutirano, FNDV Fontana Vidola, etc.

TIR 12 22:04:17.6, 41:37N,20:22E, h3km,2km, Md2.7, ML2.4 SKO 12 22:04:17.9, 41:35N,20:17E, h18km

PDG 12 22:04:18.6, 0.1, 41:40N,20:08E, h2km, ML2.2/1, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0

BE0 12 22:04:19.2, 0.3, 41:39N,20:21E, h0km, ML2.0/6 ISC 12 22:04:18.4, 1.1, 41:39N,20:02-20:21E, 0:02, h4km, 10km, n36, c1906/67, 4C-3D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like TIR Tirane, PHP Peshkopia, OHR Ohrid, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like SKO Skopje, DRME Dracevica, Mon, PDG Podgorica, etc.

SKO 12 22:05:41.8, 41:08N, 19:93E, h0km TIR 12 22:05:42.6, 41:34N,20:24E, h8km, 3km, Md2.0, ML1.9

PDG 12 22:05:44.9, 0.1, 41:44N,20:01E, h11km, ML2.0/8, Error ellipse: s-maj=0.1km s-min=0.3km az=0.0

ISC 12 22:05:43.2, 0.9, 41:36N,0:04-20:17E, 0:03, h17km, 7km, n17, c141/32, 3C-1D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like TIR Tirane, PHP Peshkopia, OHR Ohrid, etc.

DOF 12 22:06:42.9, 39:27N,25:75E, h28km, MD3.3 DDA 12 22:06:43.7, 0.0, 39:32N,25:54E, h7km, 3km, ML3.0

ISK 12 22:06:43.9, 39:34N,25:50E, h8km, ML3.4/19 ATH 12 22:06:43.5, 39:32N,25:52E, h31km, 1km, ML3.0/21, Error ellipse: s-maj=1.7km s-min=1.0km az=69.0

THE 12 22:06:44.6, 39:34N,25:54E, h16km, ML3.2/8, Error ellipse: s-maj=0.9km s-min=0.5km az=88.0

ISC 12 22:06:44.4, 0.9, 39:34N,0:02-25:53E, 0:02, h15km, 7km, n151, c0873/184, 15C-7D, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like SIGR SIGRI, EFAA Agios Efstrati, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like BOZC Bozcaada, BOZC BOZC, BOZC comp=N,1,1um,0.3s, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like KOKK, MAR6, PLG, SMG, ATHU, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like EIL, VANDA, ASAR, ASAR, WRA, WRO, TORO, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like PASC, LRMC, SRTO, MWC, etc.

IDC 12 22:07:33.0 1.5, 29.145S:61.28E, h0km, mb3.9/6, mbmp3.9/7, ML4.0/1, MS3.4/10, Error ellipse: s-maj=57.3km s-min=25.9km az=27.0

NEIC 12 22:07:33.0 2.0, 8.29S:0.1:61.12E:0.10, h10km, 1km, mb4.4/6, Error ellipse: s-maj=24.3km s-min=12.6km az=21.0

ISC 12 22:07:33.4 0.8, 29.2S:0.2:61.1E:0.1, h10km, n34, r146:20, mb4.1/9, MS3.5/10, Southwest Indian Ridge

ANF 12 22:32:06.7 0.2, 35.17N:119.33W, h22km, 2km, ML3.0/24, Error ellipse: s-maj=1.3km s-min=1.2km az=13.5

PAS 12 22:32:07.6 1.9, 35.17N:0.02:119.34W:0.02, h22km, 6km, ML3.0/143, ML2.6/25(NEIC), Error ellipse: s-maj=2.8km s-min=2.0km az=207.0

NEIC 12 22:32:07.2 1.4, 35.18N:0.01:119.32W:0.007, h18km, 2km, Error ellipse: s-maj=2.0km s-min=0.8km az=175.0

ISC 12 22:32:07.1 0.9, 35.17N:0.02:119.34W:0.02, h19km, 7km, n114, r0976/143, Central California

DSN 12 22:43:02.7 1.7, 27.21N:54.86E, h10km, ML3.9/10, Error ellipse: s-maj=24.6km s-min=4.6km az=20.0

IDC 12 22:43:03.7 1.3, 26.83N:54.78E, h0km, mb3.7/8, mbmp3.7/10, ML3.7/2, MS3.1/6, Error ellipse: s-maj=26.1km s-min=21.0km az=21.0

OMAN 12 22:43:05.2 2.1, 27.10N:54.72E, h26km, 39km, mb4.0/2, mL4.1/17, Error ellipse: s-maj=26.7km s-min=9.2km az=150.0

SGS 12 22:43:05.3, 27.39N:54.86E, h7km, ML3.5 TEH 12 22:43:05.5, 26.88N:54.89E, h14km, ML3.8

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like H0S81, H0S82, H0S83, LBTB, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like TPO, WHFM, LEOC, OAT, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like LARI, LARI, GENO, GENO, etc.

Table of station data for the 12d 23h period. Columns include station name, frequency, mode, and various parameters like SNR, power, and distance.

Table of station data for the 2016 JUL period. Columns include station name, frequency, mode, and various parameters like SNR, power, and distance.

Table of station data for the 644 period. Columns include station name, frequency, mode, and various parameters like SNR, power, and distance.

MKAN Makanchi Array 68.50 327 P P 23 32 50.7 -1.1

TUL 12 23:27:49.4 0.6 35.86N 0.01:97.22W 0.01, h6km, 3km, ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Liberty Lake, Mehan, Westminister Rd, etc.

DJA 12 23:45:36.9 0.9 5.8 S 10.3 E, h54km, 17km, M3.7/5, ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Liwa, Manna, Kota Agung, etc.

H08S3 Diego Garcia H 30.61 264 T T 00 24 16.7

NEIC 12 23:47:44.3 1.8 41.1 N 0.02:112.87W 0.05, h0km, 2km, ...

ISC 12 23:47:44.6 0.9 41.1 N 0.03:112.76W 0.04, h0km, n25, ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Big Grassy Mou, Hansel Valley, Camp Tracy, etc.

RSNC 12 23:49:01.7 1.0 6.80N 73.12W, h146km, 4km, ML3.6, ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Barichara, Barranca, Sant, etc.

GUY2C GUY2C eS Sn 23 50 20.5 +0.6

LL1C La Loma 1 Cana 2.76 351 eP Pn 23 49 46.5 +0.6

PTGC Puerto Gaitan, 2.76 159 eP Pn 23 49 44.6 -1.3

LL6C La Loma 6 Bece 2.92 357 eP Pn 23 49 46.2 -1.8

LL5C La Loma 5 El P 2.99 349 eP Pn 23 49 48.5 -0.4

CBOC Ciudad Bolivar 3.02 252 eP Pn 23 49 49.6 +0.2

SDV Santo Domingo 3.22 50 eP Pn 23 49 51.3 -0.7

ANIL Santa Ana 3.23 225 eP Pn 23 49 53.0 +0.9

ARGC Ariguani, Magd 3.24 340 eP Pn 23 49 52.6 +0.6

PRAC Prado 3.53 210 eP Pn 23 49 54.8 -1.0

PLMC San Jos del P 3.66 239 eP Pn 23 49 57.5 0.0

SJCC San Jacinto, C 3.69 327 eP Pn 23 49 55.9 -2.0

LCBC Los crdoabas, 3.81 303 eP Pn 23 49 57.0 -2.4

CRJC Cerrejon, Guaj 4.20 3 eP Pn 23 50 02.1 -2.5

YOTC Yotoco, Valle 4.25 229 eP Pn 23 50 04.7 -0.6

SMRC Santa Marta, M 4.47 346 eP Pn 23 50 06.2 -1.9

CAPC Capurgana 4.57 294 eP Pn 23 50 07.6 -1.9

DABV Dabajuro 4.78 31 eP Pn 23 50 10.9 -1.3

GARC Garzon, Huila 5.15 207 eP Pn 23 50 15.9 -1.5

FLOC Florencia 5.76 226 eP Pn 23 50 24.3 -1.0

BBAC Baoboa, Cauca 6.28 201 eP Pn 23 50 32.9 +0.6

JMA 12 23:57:03.0 1.3 30.1 N 0.8:14.1 E, h87km, MV3.9/18, ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chichi jima, Boso, etc.

ISC 13 00:22:39.0 1.9 55.64N 166.38E, h0km, mb3.3/3, ...

ISC 13 00:22:41.1 1.2 55.45N 166.37E, h25km, 9km, ML3.5, ...

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

ILAR Eielson Array 24.52 49 P P 00 27 58.2 -0.6

H1N2 WAKE ISLAND Hy 35.65 179 T T 01 06 56.8

H1N3 WAKE ISLAND Hy 35.67 179 T T 01 06 57.8

MKAN Makanchi Array 50.29 297 P P 00 31 37.0 +0.4

TXAR Lajitas Array 66.37 72 P P 00 33 29.4 +0.9

MDD 13 00:35:01.8 0.5 35.41N 3.77W, h2km, 4km, mb_Lg3.5/26, ...

IGL 13 00:35:01.9 35.39N 3.77W, h2km, ML3.5

LDG 13 00:35:02.8 0.3 35.41N 3.77W, h2km, M3.2/12, Error ellipse: s-maj=5.6km s-min=3.5km az=7.0

INMG 13 00:35:02.9 1.4 35.47N 3.89W, h0km, M3.1, Error ellipse: s-maj=3.7km s-min=2.8km az=138.0

ISC 13 00:35:02.7 0.6 35.45N 3.77W, h35km, 3km, mb3.6/8, ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Palemas, Pezen de, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, h, s, ISC. Lists various stations like EALB Alboran, AKLM AKL, Taforalt, etc., with their respective coordinates and frequencies.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, h, s, ISC. Lists various stations like ECHE Chera, EZRR Tazzarine, Marv'??, etc., with their respective coordinates and frequencies.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, h, s, ISC. Lists various stations like NEIC 13 00:42:32, IDC 13 00:42:63, ISC 13 00:42:38, etc., with their respective coordinates and frequencies.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like ZAK, SHEM, BOD, AMKA, MOY, YAK, ODAN, RAMN, JIRN, GUN, PKI, PKIN, KKN, DMN, GKN, DANN, KOLN, NIKH, PALK, BILL, SPJA, UNV, MK31, MKAR, MAZK, MAZK, URZ, TIXI, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, ZALV, ZALV, PRZ, PRZ, PRZ, TARG, TARG, TARG, HPAH, KSH, KSH, ULHL, KURK, KURK, KURK, KURB, BOOM, BOOM, BOOM, TKM2, CHMS, UCH, S14K, AAK, AAK, AAK, USP, TNA, AML, EKS2, N16K, O16K, CHIR, R17K, O17K, P17K, BTK, BTK, SII, KK31, KKAR, KKAR, P18K, N18K, O18K, O18K, OHAK, KBL.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like KBL, KBL, CHGR, CHGR, Q19K, TTA, TTA, TTA, N19K, KDAK, KDAK, KDAK, GCSA, L19K, P19K, P19K, M19K, Q20K, BVAO, BVAO, Q20K, L20K, K20K, K20K, M20K, J20K, J20K, BRSE, PPLA, PPLA, SKT, CAST, CAST, CAST, G21K, H21K, H21K, O22K, O22K, F21K, I21K, I21K, RC01, RC01, KTH, BPAW, BPAW, BPAW, TRF, TRF, A21K, PMR, H22K, MLY, MLY, GHO, F22K, PWL, PWL, KNK, SML, SML, SML, E22K, WAT1, MCK, MCK, NEA2, I23K, I23K, H23K, G23K, COLD, COLD, WAT6, GLI, SCM, SCM, SCM, DHY, DHY, D23K, FID, COLA.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like COLA, C23K, TOLK, TOLK, TOLK, H24K, EYAK, POKR, M24K, KLU, KLU, HDA, ILAR, ILAR, ILAR, F24K, D24K, K24K, PAX, PAX, C24K, HARP, HARP, BMRM, BMRM, J25K, J25K, PRP, RIDG, RIDG, GLB, GLB, FYU, HRA, HRA, D25K, SCRR, SCRR, MCARA, L26K, J26L, M26K, I26K, MESA, MESA, C26K, YAH, YAH, GRNC, M27K, K27K, K27K, L27K, CTG, CTGM, C27K, TAGL, LOGN, SVE, SVE, BVCY, AB31, PINM, YUK3, PPT2, PNL, DAWY, DAWY, ARU, ARU, ARU, ARU, ARU, ARU, YUK4, YUK6, I29M, AKTO, HYT, HYT, N30M, P30M, GEYT, GEYT, GEYT, GYA0B.

Table with columns: Station Name, Azimuth, Elevation, Speed, Status, Date, Time, Residual. Includes stations like M30M Minto, EPYK Eagle Plains, TBI Tubuai, etc.

Table with columns: Station Name, Azimuth, Elevation, Speed, Status, Date, Time, Residual. Includes stations like B08A Colville Reser, J05D Fort Rock, V08A Vanda, etc.

Table with columns: Station Name, Azimuth, Elevation, Speed, Status, Date, Time, Residual. Includes stations like GMRC Granite Tower, BRTR Keskin Array B, JMJC Jan Mayen, etc.

MDD 13 01:44:44.9, 1.5, 36.54N, 11.62W, h51km, 102km, Mb4.07, Error ellipse: s-maj=7.3km s-min=14.0km az=65.0 INMG 13 01:44:48.7, 1.4, 36.55N, 11.52W, h31km, ML2.5, Error

13d 2h

ellipse: s-maj=6.5km s-min=4.9km az=79.0
IGIL 13 01:44:48.4,36.62N,11.38W,h10km,ML2.4
CNRM 13 01:44:51.2,36.22N,10.97W,h30km,ML2.4
ISC 13 01:44:45.2,36.51N,0.05,11.5W,0.1,h35km,n53,
#214/89,8C-1D,Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Vila Bisbo, Marmelete, Sao Teotonio, Nicoulou / Gran, etc.

2016 JUL

Main station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Trine Tigouga, Calabor, CSGN Cosiguina Volc, etc.

Continuation of station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like RUSC Norcasia, BARC Barichara, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like CELP, GTBY, AOPR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like KVN, EGMT, KVG, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like ML2.9/12, ML2.6/7, Error ellipse, etc.

WEL 13 02:22:58.6,0.3,43'S,3°17'3E, h24km,4km, M2.6/7,

Code Station Name Az AZZ Phase ID Time Res

Table listing astronomical observations for July 2016, including columns for station name (e.g., HHC, PETK, XAN), coordinates, magnitude, and other parameters.

Table listing astronomical observations for July 2016, including columns for station name (e.g., WRO, WRA, POKR), coordinates, magnitude, and other parameters.

Table listing astronomical observations for July 2016, including columns for station name (e.g., TXAR), coordinates, magnitude, and other parameters.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like ABPO, MUSN, ATD, CRLN, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like TORO, TORD, TORI, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like ANN, SIM, BLBK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, and other parameters. Includes stations like CKRC, MORC, TREC, GE2C, etc.

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

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

Table of astronomical observations for 2016 July, including station names (e.g., BDFB, IPMB, SMTB), coordinates, and observation parameters.

Table of astronomical observations for 2016 July, including station names (e.g., ILAR, J20K, WRH), coordinates, and observation parameters.

Table of astronomical observations for 2016 July, including station names (e.g., ASAR, TORD, NNSP), coordinates, and observation parameters.

13d 4h

Table with columns: VLKR, Vladikavkaz, 1.73, 150dPN, Pmax, Pb, 03 17 50.0 +0.2, etc. Lists various stations and their associated data points.

2016 JUL

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes sub-sections for Alice Springs, Warramunga Arr, Malin Array B, Keskin Array B, and various other stations.

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Table with columns: SDDR, Guanantamo Bay, 2.09, 305, eP, Pn, 04 31 53.9 +0.1, etc. Lists stations like Rio Carpintero, Las Mercedes, and various other locations with their respective data.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like XiLinHaoTe, AB31 Akbulak array, ARU Arti, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like KIRV Kirov, SNY Shenyang, HRA Herat, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like SOC, JNU Nakatsue, QIZ Qiongzong, etc.

13d 6h

Table with columns for station ID, name, elevation, location, and various data points. Includes stations like GERES Geres Array B, ANM Nome, C23K Itkillik River, etc.

2016 JUL

Table with columns for station ID, name, elevation, location, and various data points. Includes stations like M20K Styx River, NIKH Nikolski High, O17K Koliganek Bris, etc.

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Table with columns for station ID, name, elevation, location, and various data points. Includes stations like KAIM Kayak Island, CTG Chitna Glacier, LOGN Logan Glacier, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HWUT Hardware Ranch, TCUT Toone Canyon, JFWS Jewell Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JTT3 Tamagusuku3, JNT3 Nagotoyohara, JNTH Kume jima 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, KURB Kurchatov, PSA00 Pilbara Seismi, etc.

IDC 13 06:46:30.7z 1.6, 15.62Sx177.60W, h411km, 18km, mb3.3/6, mbmp4.0/8, Error ellipse: s-maj=3.9km s-min=16.0km

ISC 13 06:46:28.7.0.9.15.55.0z:177.7W.0z, h386km, n10, -0573/m, mb3.6/6, Fijii Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, AFI Afiamou, URZ Urewera, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

IDC 13 07:01:09.5.0.6.24.70N:127.95E, h0km, mb4.2/20, mbmp4.3/26, ML4.1/5, MS3.5/22, Error ellipse: s-maj=19.2km s-min=11.8km az=71.0

NEIC 13 07:01:10.2.2.24.70N:127.95E.0z, h7km, 5km, mb4.8/24, Error ellipse: s-maj=11.6km s-min=6.7km az=136.0

NIED 13 07:01:12.6.24.81N:127.88E, h83km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn=2.72; Mw=2.01; Ms=0.71; Mz=2.13; Mxx=0.89; Myz=2.01; Fault plane solution: Ms:3.91000x1015 NPT:1.71.000000; s2:2.000000, -1.71.000000. NP2:1.231.000000; s6:69.000000, -1.97.000000

JMA 13 07:01:12.6.24.81N:127.88E, h83km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn=2.72; Mw=2.01; Ms=0.71; Mz=2.13; Mxx=0.89; Myz=2.01; Fault plane solution: Ms:3.91000x1015 NPT:1.71.000000; s2:2.000000, -1.71.000000. NP2:1.231.000000; s6:69.000000, -1.97.000000

NEAR OKINAWA/JIJA ISLAND ISC 13 07:01:13.8.0.4.24.81N:127.95E.0z, h35km, n128, -2517/127, mb4.5/35, MS3.6/21, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, FAKI Fak Fak, SOMN Songino Array, SONM Songino Array, etc.

IDC 13 07:04:33.6z 1.7, 19.84Sx177.36W, h354km, 19km, mb3.5/5, mbmp4.6/9, Error ellipse: s-maj=23.1km s-min=19.6km az=156.0

NOU 13 07:04:34.7, 19.82S:177.26W, h365km, mb4.6/31, Fijii Islands Region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LKBA Tubou, LAKemba, TAVE Taveuni, MSVF Nonsavu, MSVF Nue, AFI Afiamou, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station-specific data. Includes stations like SNGZ, ALRZ, HIZ, BKZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station-specific data. Includes stations like Z41A, T25A, M25A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station-specific data. Includes stations like THIG, THIG, THIG, etc.

Additional text and data for the first table, including station names and coordinates.

Additional text and data for the second table, including station names and coordinates.

Additional text and data for the third table, including station names and coordinates.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LCAR, SDV, TUL1, W50A, BCOK, etc.

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

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

IDC 13 07:33:57.0; 0.8; 5:51S; 35:64E, h0km, mb4.1/7, mbtmp4.3/11, ML4.4, MS3.2/7, Error ellipse: s-maj=22.5km s-min=14.8km az=120.0

IDC 13 07:34:06.9; 0.8; 2:57N; 140:86E, h166km, mb3.5/12, mbtmp4.0/15, Error ellipse: s-maj=21.9km s-min=12.1km az=94.0

MDD 13 07:41:21.5; 0.8; 3:55S; 17:47W, h39km, mb3.4/31, m_mb3.6/10, Error ellipse: s-maj=15.1km s-min=8.7km az=84.0

Table of station data for '13d 9h' including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residuals. Includes stations like PCAS, SRHM, PESTR, etc.

IDC 13 07:50:09.9;8.6,13.74N;145.63E,h0km,mb3.7/4,

mbtm3.7/4,Error ellipse: s-maj=333.6km s-min=26.0km az=82.0,Mariana Islands

Table of station data for IDC 13 07:50:09.9, including stations like WRA, ASAR, MKAR, KURBB.

DSN 13 08:19:48.3;4.2,26.73N;61.48E,h10km,ML3.5/7,Error

ellipse: s-maj=51.1km s-min=14.7km az=4.0

OMAN 13 08:19:50.2;0.3,26.80N;61.39E,h14km,10km,mb4.5/1,

m13.2/9,Error ellipse: s-maj=20.2km s-min=2.0km az=238.0

ISC 13 08:19:48.5;4.2,26.8N;01.615E;0.2,h10km,n25,

1507/36,Southern Iran

Table of station data for various DSN, OMAN, and ISC events, including stations like JASK, WSAR, BANOM, etc.

IDC 13 08:40:55.9;1.4,16.73S;175.20W,h244km,16km,mb3.3/7,

m13.3/9,Error ellipse: s-maj=31.0km s-min=12.5km az=141.0

ISC 13 08:40:56.4;0.8,16.7S;03.1752W;0.2,h250km,n10,

0576/11,mb3.3/8,Tonga Islands

Table of station data for IDC 13 08:40:55.9 and ISC 13 08:40:56.4, including stations like AFI, DZM, URZ, STKA.

Table of station data for WRA, ASAR, NVAR, TXAR, ILAR, PDAR stations.

IDC 13 08:42:39.3;2.6,53.60N;-87.83E,h0km,mbmp3.3/2,

ML2.9/2,Error ellipse: s-maj=23.0km s-min=15.3km az=56.0

NNC 13 08:42:39.2;2.1,53.49N;-87.73E,h0km,mb3.1,mpv2.8,

Error ellipse: s-maj=16.2km s-min=7.9km az=62.0,Suspected Mining explosion,

ISC 13 08:42:39.3;3.5,53.61N;-87.7E;0.2,h0km,n9,0582/13,

5C-6D,Southwestern Siberia

Table of station data for various ISC events, including stations like H46RU, ZAAO, ZAAO, ZALV, ZALV, KURK, etc.

IDC 13 08:58:28.4;1.4,5.41S;35.86E,h0km,mb3.9/2,

m13.4/6,ML4.1/4,MS3.2/2,Error ellipse: s-maj=47.9km s-min=11.7km az=111.0

ISC 13 08:58:28.7;1.0,5.46S;0.08358E;0.1,h9km,n9,01978/9,

Tanzania

Table of station data for IDC 13 08:58:28.4 and ISC 13 08:58:28.7, including stations like KMBO, MBAR, MBAR, LSZ, MATP, BOS, etc.

DDA 13 09:03:06.9;0.0,38.76N;-27.81E,h7km,1km,ML1.6,

ISK 13 09:03:06.8,38.79N;-27.82E,h5km,ML2.1/14,Turkey

Table of station data for DDA and ISK events, including stations like AKHS, AKHS, GOMA, etc.

Table of station data for YER, GELI, ARMT stations.

IDC 13 09:04:30.6;0.9,22.04N;120.44E,h0km,mb3.9/9, mbtmp3.9/9,MS3.2/1.1,Error ellipse: s-maj=52.5km s-min=18.9km az=66.0

NEIC 13 09:04:33.2;1.6,22.13N;0.07;120.31E;0.07,h10km,2km, mb4.1/8,ML4.6(TAF),Error ellipse: s-maj=12.3km s-min=1.1km az=157.0

TAP 13 09:04:34.0,22.10N;120.30E,h42km,ML4.2,C JMA 13 09:04:35.0;5.2,22.12N;12.1E;1,h35km, MV4.2/13, TAIWAN REGION

ISC 13 09:04:35.7;0.7,22.08N;10.003;120.27E;0.003,h35km,2km, n192,0193/273,mb4.0/13,MS3.2/10,20C-2D,Taiwan

Table of station data for various ISC events and regions, including stations like Code, Station Name, Azimuth, Phase ID, Time, Residuals, and Residuals.

Table with columns: CDM, Cerro de Muert, 3.98 306 eP, Pb, 09 09 09.3 -3.4, etc.

IDC 13 09:13:06.2-0.9, 1.66N, 128.36E, h75km, 7km, mb4.1/17, bmtmp4.4/18, MS3.0/3, Error ellipse: s-maj=26.0km s-min=11.3km az=78.0

NEIC 13 09:13:06.6-1.1, 1.61N, 128.31E, h69km, 7km, mb4.6/55, Error ellipse: s-maj=11.7km s-min=7.1km az=157.0

DJA 13 09:13:06.5-0.3, 2.1N, 128.36E, h55km, 7km, M4.6/14, mb4.7/10, mB5.3/3, MLV4.6/14, Mw(mB)4.7/3

ISC 13 09:13:05.2-0.4, 1.80N, 128.41E, h06, h61km, n116, a+18/114, mb4.5/48, 12, Halmahera

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: GOMU, Rio Macho, 4.19 308 eP, Sg, 09 09 12.3 -3.8, etc.

IDC 13 09:13:06.2-0.9, 1.66N, 128.36E, h75km, 7km, mb4.1/17, bmtmp4.4/18, MS3.0/3, Error ellipse: s-maj=26.0km s-min=11.3km az=78.0

NEIC 13 09:13:06.6-1.1, 1.61N, 128.31E, h69km, 7km, mb4.6/55, Error ellipse: s-maj=11.7km s-min=7.1km az=157.0

DJA 13 09:13:06.5-0.3, 2.1N, 128.36E, h55km, 7km, M4.6/14, mb4.7/10, mB5.3/3, MLV4.6/14, Mw(mB)4.7/3

ISC 13 09:13:05.2-0.4, 1.80N, 128.41E, h06, h61km, n116, a+18/114, mb4.5/48, 12, Halmahera

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: KULM, Kulim, 5.30 43 Pn, Pn, 09 27 35.9 -0.2, etc.

IDC 13 09:13:06.2-0.9, 1.66N, 128.36E, h75km, 7km, mb4.1/17, bmtmp4.4/18, MS3.0/3, Error ellipse: s-maj=26.0km s-min=11.3km az=78.0

NEIC 13 09:13:06.6-1.1, 1.61N, 128.31E, h69km, 7km, mb4.6/55, Error ellipse: s-maj=11.7km s-min=7.1km az=157.0

DJA 13 09:13:06.5-0.3, 2.1N, 128.36E, h55km, 7km, M4.6/14, mb4.7/10, mB5.3/3, MLV4.6/14, Mw(mB)4.7/3

ISC 13 09:13:05.2-0.4, 1.80N, 128.41E, h06, h61km, n116, a+18/114, mb4.5/48, 12, Halmahera

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SHL Shilling, TEZP TEZPUR, MND Mandalay, etc.

SKHL 13 10:19:00.4-0.4, 42.20N:142.60E, h56km, 3km, mb4.5/2
NIED 13 10:19:00.6, 42.28N:142.62E, h50km, MW3.5, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JNBK Urakawa-nobuka, JSHD Hidakashinida, etc.

NOU 13 10:24:27.9, 17.88S:178.279W, h590km, mb4.4/15, Fiji
Islands Region
IDC 13 10:24:29.0, 1.6, 17.92S:178.64W, h589km, mb3.4/9,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BARC Barichara, PAMP Pampiona, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, AFU Afiatamu, URZ Urewera, etc.

NEIC 13 10:33:24.3-2.0, 6.80N:07.7302W, h137km, 6km,
mb4.4/109, Mw4.2(RSNC), Error ellipse: s-maj=10.1km
s-min=8.6km az=198.0

RSNC 13 10:33:26.3-1.1, 6.79N:73.14W, h142km, 4km, ML4.3,
Mw4.4, Fault plane solution: NP1:phi:17.00000,
delta:0.00000, lambda:162.00000

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BARC Barichara, PAMP Pampiona, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BRRC RRRC, RUSC La Rusia, TAMC Tame, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like TUZ Tuapeka, LBZ Scrubby Hill, ODZ Otaoua Downs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like GAR Garm, UCH Uchtor, TKM2 Tokmak 2, etc.

13d 11h:09:34.6:1.5, 17.83Sx178.56W, h649km, 18km, mb2.8/7, mbmp3.7/8, Error ellipse: s-maj=29.9km s-min=14.1km az=153.0

13d 11h:09:28.5:0.8, 17.9Sx178.5W, 0.2, h579km, n12, r=140/13, mb3.2/7, Fiji Islands region

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

WEL 13 11:10:40.3:0.6, 41.1Sx2x17.5E, h18km, 4km, M2.8/9, ML3.2/10, MLV2.8/9, Error ellipse: s-maj=0.0km s-min=0.0km az=117.2, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like CAW Cannon Point, KIWI Kapiiti Island, OGZW Otaki Gorge, etc.

13d 11h:18:11.2:0.6, 38.14N, 90.93E, h0km, mb4.1/19, mbmp4.2/24, ML3.8/5, MS3.2/9, Error ellipse: s-maj=23.3km s-min=12.9km az=47.0

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like GTA GTA, LSA Lhasa, LSA ShLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, TARG Taragay, etc.

13d 11h:01:34.6:1.5, 17.83Sx178.56W, h649km, 18km, mb2.8/7, mbmp3.7/8, Error ellipse: s-maj=29.9km s-min=14.1km az=153.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like BOOM Booms koye usch, SHL Shillong, SHL Shillong, etc.

13d 11h:01:34.6:1.5, 17.83Sx178.56W, h649km, 18km, mb2.8/7, mbmp3.7/8, Error ellipse: s-maj=29.9km s-min=14.1km az=153.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like SONM Songino Array, SONM Songino Array, ZAK Zakamensk, etc.

13d 11h:18:13.5:1.1, 38.52N, 90.72E, h23km, mb4.6/14, Error ellipse: s-maj=8.7km s-min=5.1km az=128.2

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like AKTO Aktuyubinsk, CN2 Chanchung, CN2 CN2, etc.

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

13d 11h:01:34.6:1.5, 17.83Sx178.56W, h649km, 18km, mb2.8/7, mbmp3.7/8, Error ellipse: s-maj=29.9km s-min=14.1km az=153.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like KSRs Kor Array, KLR Kul'dur, KLR Kul'dur, etc.

13d 11h:01:34.6:1.5, 17.83Sx178.56W, h649km, 18km, mb2.8/7, mbmp3.7/8, Error ellipse: s-maj=29.9km s-min=14.1km az=153.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like BR13 Keskin Array S, BR13 Keskin Array S, BR13 Keskin Array S, etc.

13d 11h:18:13.5:1.1, 38.52N, 90.72E, h23km, mb4.6/14, Error ellipse: s-maj=8.7km s-min=5.1km az=128.2

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Res ISC, Time. Includes stations like ESK Eskdalemuir, KMBO Kilima Mbojo, IMAR Indian Mountain, etc.

Table with columns for station name, frequency, power, and location. Includes stations like Canberra, Roma, Darwin, etc.

Table with columns for station name, frequency, power, and location. Includes stations like Manton Dam, Humu'ula Sheep, Kunurra, etc.

Table with columns for station name, frequency, power, and location. Includes stations like Palmer Station, Jiwangi, STKI, etc.

13d 11h

Table with columns for call sign (e.g., M23K), frequency (e.g., 92.75), power (e.g., 42), location (e.g., I/Amb), and other parameters. Includes call signs like AHID, CUT, YAH, CRQ, etc.

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Table with columns for call sign (e.g., MSO), frequency (e.g., 93.66), power (e.g., 43), location (e.g., P/Amb), and other parameters. Includes call signs like BO6, PD31, PDAR, etc.

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Table with columns for call sign (e.g., ISCO), frequency (e.g., 94.44), power (e.g., 47), location (e.g., S/Amb), and other parameters. Includes call signs like Idaho Springs, Edge Creek, AMTX, etc.

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 COLA College, MDM Murphy Dome, PZH PanZhiHua, etc.

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 F22K, OTAV Otavillo, COLD, 237A Washetta, etc.

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 GOMU, SPMN Marine on St., M53A Miller and, etc.

Main table containing astronomical data for 13 days in July 2016, listing various celestial objects, their coordinates, and other parameters.

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like Bad Isch, Divis, DOKA, SOKA, PERS, etc.

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like PUKETITI, Carnagh Station, Te Karaka, Shannon Statio, etc.

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like NOA, AKASO, KASPERKE, etc.

Additional information and notes at the bottom of the page, including station coordinates and specific data points.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like TWSI, MRSI, TTSI, DAV, etc.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like MGO1, JGN, JMN, etc.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like QZH, OZH, KRJI, etc.

Table with columns for station ID, name, frequency, and various signal strength and quality metrics. Includes stations like MA2, MA2, TCUT, M19K, M19K, etc.

Table with columns for station ID, name, frequency, and various signal strength and quality metrics. Includes stations like GHO, DIV, S22A, MESA, WAX, SML, SML, BMRM, BMRM, BMRM, M23K, M23K, NNA, AHID, CUT, CUT, YAH, YAH, CRQM, CRQM, CRQE, PNL, PNL, 833A, 833A, KLU, KLU, KLU, SCM, SCM, SCM, ISLE, ISLE, TGL, TGL, TGL, NEW, NEW, NEW, PPLA, PPLA, ANM, ANM, ANM, PCA, PINN, PINN, PINN, BCPM, O20A, O20A, O20A, TABL, TABL, K20K, K20K, K20K, PBI5, GRNC, GRNC, GRNC, VRDI, VRDI, VRDI, N25K, N25K, N25K, BESE, GLB, GLB, GLB, M22K, M22K, M22K, KNK, KNK, KNK, L20K, L20K, L20K, PMR, PMR, PMR, WRAK, WRAK, WRAK, BERG, TTA, TTA, TTA, BJT, BJT, BJT, SNH, SNH, SNH, BJI, BJI, BJI.

Table with columns for station ID, name, frequency, and various signal strength and quality metrics. Includes stations like TPWA, M24K, M24K, M24K, MCARA, MCARA, MCARA, LOGN, LOGN, SNOW, CAST, CAST, CAST, CTG, CTG, CTG, CTGM, BARN, SDCC, SDCC, SDCC, SDCC, WAT6, WAT6, WAT6, T35M, T35M, T35M, TIY, TIY, TIY, TIY, TIY, DLMT, PLBC, PLBC, WAT1, WAT1, PB07, KVTX, MOOV, JCT, JCT, JCT, JCT, JCT, JCT, MSO, MSO, MSO, BW06, BW06, PDAR, PDAR, PDAR, KTH, TRF, TRF, TNA, TNA, TNA, ATAH, SKAG, SKAG, SKAG, HARP, HARP, HARP, FLWY, J20K, J20K, CHUM, CHUM, T25A, T25A, LVC, LVC, LVC, LVC, P30M, XAN.

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns: ZST, Location, Frequency, Band, Mode, SNR, etc. Includes stations like Bratislava, Buzias, Membach, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, etc. Includes stations like LJU, ABTA, PLE, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, etc. Includes stations like CZD, CHAS, MDT, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like ODZ Otahua Downs, FUNA Funafuti, LHI Lord Howe Island, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like WRA Warramunga Arr, WBO Warramunga Arr, FORT Forrest, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like MTKI Mahara Teweh, MYLDM Lahad Datu, SMAI San Martin Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Timpagegrande, MTE Mateigas, TOAO Torodi Arr. Sit, TORO Torodi Arr. Bea, etc.

IDC 13 12:25:26.2_0.9,27.99S:176.62W, h0km, mb4.0/5, mbmp3.9/3, Error ellipse: s-maj=35.2km s-min=-27.9km az=1.0

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

KRSZO 13 12:30:12.7_3.1,45.94N:155.45E, h5km, Error ellipse: s-maj=32.9km s-min=-6.0km az=149.0, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CRES Cresnegj, PTJ Puntijarka, etc.

NEIC 13 12:31:48.3_2.4,27.48S:0.09:176.70W:0.06, h10km,2km, mb4.6/12, Error ellipse: s-maj=16.2km s-min=-8.5km az=168.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, DZM Mont Dzumac, ARMA Armidale, etc.

IDC 13 12:33:22.8_2.8,28.13S:176.60W, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=122.2km s-min=-42.8km az=155.0

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

IDC 13 12:35:28.1_3.0,27.58S:176.87W, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=120.3km s-min=-33.9km az=155.0

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

IDC 13 12:43:45.5_2.1,28.23S:176.54W, h0km, mb4.0/5, mbmp4.0/5, Error ellipse: s-maj=89.8km s-min=-32.7km az=158.0

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

NEIC 13 12:58:02.0_1.0,28.19S:0.06:175.45W:0.09, h10km,1km, mb5.5/2, Error ellipse: s-maj=14.4km s-min=-10.0km az=106.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BJI 13 12:58:06.0_0.0,28.40S:176.48W, h7km, mb5.2/2m, MS5.6/1, Ms7.5/1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, OXZ Oxted, KOUNC Kourac, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like M23K Glacier View, CUT Chullina, YAH Yahlse, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like Q24A Divide, YUK4 Talbot Arm, M27K Edge Creek, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like LPAZ La Paz, E24K You Creek, OK033 Mehan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, USRK Ussuriysk Ar, USRK Kaiseriang, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 13 14:01:15.8, 1.6, 2:7S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHTO Chong Mai, CHTO Chong Mai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 13 14:24:20.2, 0.8, 2:7:96S, etc.

13d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, FINES FINESS Array B, MEF Metsahovi, etc.

JMA 13 14:29:39.0, 4.01, 1N, 0.3, 142.9E, 0.5, h12km, 2mk, MV3.5/39, E OFF AOIMRI PREF

ISC 13 14:29:45.0, 5.0, 41.07N, 142.84E, h60km, 46km, mb3.3/9, mbtmp3.5/10, ML2.0/1, Error ellipse: s-maj=31, 3mk

s-min=22, 1km az=76.0, ISC 13 14:29:41.5, 1.5, 41.12N, 0.0, 142.83E, 0.0, h27km, 11km, n27, r189/41, mb3.5/9, Hokkaido region

Main table for 13d 15h section, listing station codes (JEM, JEM, JARK, etc.), station names, and associated data.

ISC 13 14:32:51.7, 1.8, 33.23N, 140.25E, h0km, mb3.5/2, mbtmp3.4/3, ML2.3/1, Error ellipse: s-maj=19.9km

s-min=15.9km az=51.0, JMA 13 14:32:55.4, 0.1, 33.4N, 0.4, 13.9E, h34km, 3km, MV3.4/26, NEAR HACHIOJIMA ISLAND

ISC 13 14:32:56.0, 1.1, 33.43N, 0.0, 139.42E, 0.0, h35km, n16, r673/17, 1D, Southeast of Honshu

Main table for 13d 15h section, continuing station codes and names.

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Main table for 2016 JUL section, listing station codes (CO03, CO03, etc.), station names, and associated data.

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Main table for 700 section, listing station codes (GSPA, GSPA, etc.), station names, and associated data.

Table with columns: STKA, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Stephens Creek, Makanchi Array, and Malin Array.

NEIC 13 16:19:04.4-3.0,24.34S:0.07:67.2W:0.1, h170km, 10km, mb4.3, ML4.1(GUC), Error ellipse: s-maj=18.0km s-min=9.6km az=91.0

GUC 13 16:19:05.1-0.8,24.35S:67.30W, h178km, 8km, ML4.1 ID 13 16:19:08.1-3.32,340.67:17.7W, h185km, 15km, mb3.5/1, mbmp3.9/7, Error ellipse: s-maj=22.1km s-min=21.1km az=44.0

ISC 13 16:19:04.5-0.7,24.33S:0.05:67.27W:0.05, h177km, 8km, n56, c152/63, mb4.2/3, 6C-2D, Chile-Argentina border region

Main table for the first section, listing station names, azimuths, phases, IDs, times, and residuals. Includes stations like San Pedro de A, Mina Guanaco, Limon Verde, and various IPOC and WARRAMUNGA stations.

Table with columns: MKAR, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Makanchi Array, Danang, and Piuthan.

Table with columns: ASAR, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Alice Springs, Eielson Array, and ARCES ARCES Array B.

IDC 13 16:30:49.0,64.0,20.82S-178.61W, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=171.0km s-min=167.6km az=83.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Stephens Creek, Alice Springs, and Warramunga Arr.

Table with columns: STKA, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Stephens Creek, Alice Springs, and Warramunga Arr.

NOU 13 16:36:04.0, 19.21S:171.55W, h201km, mb4.7/9, Tonga Islands Region

IDC 13 16:36:35.2,3.3,26.08S:177.29W, h0km, mb4.2/4, mbmp4.1/4, Error ellipse: s-maj=132.7km s-min=37.5km az=148.0

ISC 13 16:37:07.9-1.5,23.75S:0.1:177.5W:0.3, h223km, n30, c186/27, mb3.9/4, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Mare, Loyalty, Port Laguerre, Urewera, Black Stump Fm, etc.

WRA Warramunga Arr 44.71 265 P P 16 44 50.1 -9.1

PETK Petropavlovsk-79.47 345 P P 16 48 56.8 +7.5

CMAR Chichijima Arr 91.61 289 P P 16 49 48.0 -2.1

ZALV Zalesovo Beam 113.26 200 PKP PKIP 16 55 20.3 +1.8

AKASE Malin Array Be 146.01 319 PKP P 16 56 22.0 -1.1

BRTR Baring Head 149.28 309 PKP P 16 56 27.8 +1.8

BRTR Baring Head 149.28 309 PKP P 16 56 34.6 -1.1

IDC 13 16:46:10.1-0.7,28.59N:139.80E, h449km, 12km, mb3.2/9, mbmp4.0/2, Error ellipse: s-maj=35.8km s-min=11.1km az=73.0

JMA 13 16:46:10.8-0.1,29.1N:141.0E:1.1, h468km, MV3.9/24, W OFF OGASAWARA

NEIC 13 16:46:11.3-1.5,28.6N:0.1:139.9E:0.2, h466km, 11km, mb4.1/20, Error ellipse: s-maj=25.1km s-min=16.4km az=81.0

ISC 13 16:46:10.3-0.6,28.51N:0.07:139.74E:0.09, h450km, n64, c1913/69, mb3.9/18, Bonin Islands region

Main table for the second section, listing station names, azimuths, phases, IDs, times, and residuals. Includes stations like Chichijima, Haha-jima-NKT2, and various other stations in the Bonin Islands region.

Table with columns: SONM, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Songoing Array, Coen, and Kulim.

Table with columns: ZALV, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Zalesovo Beam, Warramunga Arr, and WBO.

Table with columns: MK31, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Makanchi Array, WARRAMUNGA Arr, and WBO.

Table with columns: WRO, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Warramunga Arr, WBO, and WARRAMUNGA Arr.

Table with columns: WRA, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Warramunga Arr, Kurchatov, and WARRAMUNGA Arr.

Table with columns: ASAR, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Alice Springs, Karatay Array, and KAR31.

Table with columns: KKAR, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Karatay Array, GARR, and KAR31.

Table with columns: CHGR, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Chuyangaron, Arty, and ABKAR.

Table with columns: ARCES, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for ARCES ARCES Array B, WARRAMUNGA Arr, and ARCES.

Table with columns: FIA1, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for FINESS Array S, WARRAMUNGA Arr, and FIA1.

Table with columns: FINES, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for FINESS Array S, WARRAMUNGA Arr, and AKASE.

Table with columns: FINES, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for FINESS Array S, WARRAMUNGA Arr, and AKASE.

Table with columns: NC405, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for NORSAR Array S, NORSAR Array B, and RAYN.

Table with columns: RAYN, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Rayn, Paso Flores, and PLCA.

TAP 13 16:58:20.5,21.14N:-121.82E, h179km, ML4.1, D, h172km, 12km, n47, c1910/87, 1C-3D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Lan-yu, LYUB, and LAY.

Table with columns: TSEB, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Hengchuen, Pin, and TSEB.

Table with columns: TWKBT, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Hengchuen, TWKBT, and TWK1.

Table with columns: TWK1, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Hengchuen, TWK1, and SMST.

Table with columns: SMST, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Hengchuen, SMST, and HEN.

Table with columns: HEN, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Hengchuen, HEN, and SLIU.

Table with columns: SLIU, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Shizi, SLIU, and TAWH.

Table with columns: TAWH, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Dawu Township, TAWH, and TAW.

Table with columns: LDUT, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Ludao, LDUT, and EAST.

Table with columns: EAST, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Anshuo, EAST, and ECL.

Table with columns: ECL, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Taimali, ECL, and SCZT.

Table with columns: SCZT, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Fangiangu, SCZT, and TTN.

Table with columns: TTN, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Taitung, TTN, and TTT.

Table with columns: TTT, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Taitung, TTT, and SSPT.

Table with columns: SSPT, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Xinbi, SSPT, and WCHS.

Table with columns: WCHS, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Luquju, WCHS, and MASBT.

Table with columns: MASBT, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Mashibuluo, MASBT, and MASBT.

13d 17h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like HHC, HHC, HHC, ILSW, ILSW, CNPM, etc.

2016 JUL

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like WAX, WAX, WAX, KTH, KTH, KTH, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like IL31, ILAR, ILAR, YUKA, YUKA, etc.

IDC 13 17:43:14.3, 2.1, 7.86S: 123°37'E, h0km, mb3.3/1, mbmp3.9/3, ML4.2/2, Error ellipse: s-maj=288.0km, s-min=31.3km, az=57.0

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

Main table containing station names, codes, frequencies, and coordinates. Includes stations like AC02, PB10, PB01, and many others with their respective details.

Right-side table containing station names, codes, frequencies, and coordinates. Includes stations like KTBS, KUU, CHKK, ARXS, and many others.

Additional information and notes at the bottom right, including coordinates like IDC 13:18:23.09, 2.15, 39.45N, 51.82E, h0km, mb3.4/3, and various technical details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Lerik, GILAN DEYLAMAN, QUBA, ZARDAB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Los Muermos, Panchilemu, Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CSS, LFK, ASGA, BAGO, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like KSHT, SLTI, MMLI, ANOYIA, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like NEHR, MLR, BUROR, AKASG, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like FETA, RETA, DAVOX, NACGM, etc.

13d 19h

Table with columns: Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like TWA Mucha, LATG Datong, NHDH Xindian Distri, ETL Fush Village, etc.

2016 JUL

Table with columns: TYC, Yuchr, Az, El, Azimuth, Elevation, and other parameters. Includes stations like YULB, YULB, JJU Ishigaki jima, EYUL Yuli, etc.

710

Table with columns: ZHG, LCRM, LCR, Az, El, Azimuth, Elevation, and other parameters. Includes stations like ZHG, LCRM, LCR, GOLM Goulmima, etc.

IDC 13 19:02:08.8.2.2.6.31S.129.03E, h0km, mb3.4/1, mbtm3.2/3, ML3.1/2, Error ellipse: s-maj=126.6km s-min=32.8km az= 68.0, Banda Sea

SFS 13 19:16:17.0.0.32.76N.5.75W, ML3.1, KHENIFRA (MARRUECOS) CNRM 13 19:16:57.2.32.72N.5.70W, h9km, ml3.3 MDD 13 19:16:57.0.0.8.32.76N.5.75W, h0km, Mb3.8/12, M, mb3.1/10, Error ellipse: s-maj=6.6km s-min=5.8km az=5.0 IGIL 13 19:16:58.7.32.76N.5.75W, h0km, ML2.5 INMG 13 19:16:59.6.1.0.32.92N.5.50W, h10km, ML2.6, Error ellipse: s-maj=5.0km s-min=3.9km az=102.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like So Bento, Castelo Branco, Manteigas, etc.

WEL 13:19:24:57.8, 0.3, 40'S, 2.177E, h23km, 2km, M3.3/41, ML3.5/43, MLV3.3/41, Error ellipse: s-maj=0.0km s-min=0.0km az=114.6, North Island

Main station list table for the left column, containing station names, coordinates, and various parameters.

IDC 13:19:26:40.1, 1.3, 20.99N, 97.57E, h0km, mb3.6/3, mbtmp3.5/4, ML3.5/1, M3.3/1, Error ellipse: s-maj=22.1km s-min=13.9km az=66.0, Myanmar

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

IDC 13:19:37:22.2, 0.0, 30N, 124.48E, h0km, mb3.2/3, mbtmp3.3/3, Error ellipse: s-maj=195.9km s-min=28.4km az=63.0

DJA 13:19:37:31.7, 0.7, 0.1N, 3.12E, h30km, 8km, M4.0/14, mb4.2/3, mb4.8/1, MLV3.9/14, Mw(mb)4.0/1

ISC 13:19:37:31.1, 1.0, 0.16N, 0.08E, 124.54E, 0.06, h73km, n15, s1506/15, mb3.1/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Cibi, KMSI, LUWI, etc.

MKAR Makanchi Array 59.30 328 P P 19 47 24.8 -0.6

KRNET 13:19:39:22.6, 0.1, 40.98N, 71.10E, h30km, mb2.9, ISU 13:19:39:23.9, 40.90N, 71.18E, h15km, ISU 13:19:39:22.5, 1.1, 40.95N, 0.03, 71.16E, 0.03, h8km, 10km, n15, s1612/25, 12C-4D, Tajikistan

TRKS Terek-Say 0.57 358 11r Op ISC h m s ISC 19 39 32.8 -0.8

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like TRKS, CHMI, FRG, ANR, BTK, etc.

ISK 13:20:22:26.9, 36.08N, 35.75E, h6km, ML2.5/15, Gil 13:20:22:28.3, 0.0, 35.84N, 35.84E, h1km, MD2.4/2, Mm2.7/1, DDA 13:20:22:29.0, 0.0, 36.14N, 35.99E, h8km, 4km, ML2.4, ISU 13:20:22:26.8, 1.0, 36.06N, 0.03, 35.86E, 0.03, h17km, 8km, n42, s1840/59, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like YAYL, YAVL, TAYL, YURE, etc.

NOU 13:21:23:10.0, 16.00S, 167.41E, h18km, MLV4.5/12, Vanuatu Islands, Vanuatu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like RTV, KOUNC, DZM, etc.

TUL 13:21:35:47.9, 0.7, 36.41N, 0.02, 99.16W, 0.03, h5km, 5km, ML2.8, mb, Lg2.5/36(NEIC), Error ellipse: s-maj=4.2km s-min=1.8km az=132.0

NEIC 13:21:35:49.1, 0.5, 36.39N, 0.02, 99.11W, 0.03, h6km, 5km, Error ellipse: s-maj=4.3km s-min=1.2km az=116.0, Oklahoma

TUL 13:21:19:16.9, 0.5, 36.68N, 0.02, 98.27W, 0.02, h7km, 4km, ML3.2, mb, Lg2.5/32(NEIC), Error ellipse: s-maj=3.3km s-min=1.6km az=133.0

NEIC 13:21:19:17.5, 0.4, 36.67N, 0.02, 98.27W, 0.02, h6km, 4km, Error ellipse: s-maj=3.5km s-min=1.7km az=133.0, Oklahoma

Code Station Name Az Phase ID Time Res ISC

Main station list table for the right column, containing station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like KSU1, X37A, X37A, X38A, etc.

HVO 13 21:42:25.3:0.7, 19:525N:0:005:155:604W:0:009, h10km,2km,ML2.5/13,ML2.4/48(NEIC), Error ellipse: s-maj=1.2km s-min=0.8km az=99.0

Main table for Hawaiian Islands section with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like MLOA, AIN, POHA, etc.

h10km,2km,ML2.5/13,ML2.4/48(NEIC), Error ellipse: s-maj=1.5km s-min=1.3km az=214.0, NEIC 13 21:43:25.2:0.5, 19:529N:0:010:155:61W:0:01, h10km,2km, Error ellipse: s-maj=1.6km s-min=1.3km az=224.0, Hawaiian Islands

Main table for Hawaiian Islands section with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like ALEP, MLOA, MLOA, etc.

HVO 13 21:45:17.3:0.8, 19:524N:0:008:155:602W:0:009, h11km,2km,ML2.8/25,ML2.8/49(NEIC), Error ellipse: s-maj=1.2km s-min=1.1km az=53.0, NEIC 13 21:45:17.2:0.9, 19:525N:0:006:155:597W:0:009, h12km,2km, Error ellipse: s-maj=1.2km s-min=0.8km az=109.0, Hawaiian Islands

Main table for Hawaiian Islands section with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like MLOA, MLOA, MLOA, etc.

Main table for Hawaiian Islands section with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like MLH, POHA, POHA, etc.

KRNET 13 21:50:31.9:0.1, 40:92N:71:24E, h14km, mb2.6, ISU 13 21:50:34.3, 40:92N:71:13E, h15km, ISC 13 21:59:31.6:0.8, 40:96N:0:003:71:27E:0:03, h10km, n12, o#612/22, 9C-7D, Tajikistan

Main table for Hawaiian Islands section with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like TRKS, TRKS, FRG, etc.

IDC 13 22:38:11.1:2.9, 10:98S:162:28E, h44km,27km, mb4.0/12, mbmp4.3/14, ML4.4/2, MS3.4/26, Error ellipse: s-maj=26.3km s-min=16.0km az=89.0, NEIC 13 22:38:12.8:1.5, 11:00S:0:10:162:4E:0:1, h57km,8km, mb4.5/18, Error ellipse: s-maj=18.5km s-min=11.4km az=55.0, ISC 13 22:38:11.1:0.5, 11:00S:0:10:162:43E:0:08, h46km, n66, o#122/46, mb4.4/20, MS3.4/23, Bougainville-Solomon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like HNR Honiara, KOUNC Koumac, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CRUV Carupano, TRN Trinidad (W), TBH Brigand Hill, etc.

GUC 13 22:51:47.0, 7.24118S, 69.30W, h85km, 7m, ML 3.6
NEIC 13 22:51:47.0, 7.0, 24118S, 02:69.42W, 0.08, h86km, 6km,
Error ellipse: s-maj=10.4km s-min=1.4km az=106.0

ISC 13 22:51:47.0, 9.24155S, 03:69.38W, 0.06, h86km, 9km,
n39, c084/51, 2D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PB15 IPOC Station P, GO02 Mina Guanaco, PB14 IPOC Station P, etc.

IDC 13 23:08:07.0, 1.2, 16:09N, 119:00E, h0km, mb3.7/5,
mbtmp3.7/5, MS2.7/1, Error ellipse: s-maj=157.2km
s-min=31.5km az=65.0

MAN 13 23:08:14, 16:62N, 119:78E, h24km, Ms2.8
ISC 13 23:08:09.2, 2.6, 16:58N, 0:05, 119:53E, 0:07, h14km, 16km,
n16, c1951/23, mb3.5/5, 4C-6D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BOLD Bolinao, SMPF San Manuel, SAMP Sagada Mountain, etc.

IDC 13 23:12:07.4, 6.4, 6:45, 147:79E, h104km, 58km, mb2.8/1,
mbtmp3.4/3, MS2.3/1, Error ellipse: s-maj=104.1km
s-min=53.7km az=116.0, Eastern New Guinea region

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

SOME 13 23:24:39.4, 39:47N, 73:57E, h0km
KRNET 13 23:24:41.8, 0.1, 39:50N, 73:51E, mb3.4
NINC 13 23:24:43.0, 2.3, 39:49N, 73:64E, h0km, mb3.6, mpv3.1,
Error ellipse: s-maj=17.1km s-min=8.2km az=170.0

ISC 13 23:24:37.6, 1.7, 39:45N, 0:07, 73:51E, 0.04, h1km, 14km,
n36, c1956/58, 13C-5D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like OHH Osh, BTK Bateken, ARLS Aral, etc.

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Row 1: BLB Baldybastay 5.95 37 Pg Pg 23 26 30.0 -1.5

WEL 13 23:38:52.61.1.32 S, 9° 17' 9"E, 16, h33km, M4.5/9, mb5.0/7, ML4.8/12, MLV4.6/9, Mw(MB)4.3/7, Error ellipse: s-maj=0.0km s-min=0.0km az=116.0, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: GLKZ Green Lake 4.03 51, HAZ Te Kaha 5.91 186, WMGZ Waioamotatini S 5.94 181, PKGZ Pakihiroa 6.02 183, RUGZ Raukumara Rang 6.12 186, PUZ2 Puketiti 6.20 182, TWGZ Tauwharepara 6.31 184, URZ Urewera 6.48 190, MWZ Matawai 6.50 187, MWZ Carnahatio 6.52 187, CNGZ Carnaghat 6.61 182, RAGZ Rawiri 6.68 187, MUGZ Murupara 6.75 192, HHRZ Handcock Road 6.76 195, SNGZ Shannon Station 6.97 188, MTHZ Maungataniwha 7.10 191, FAHZ Arahi 7.13 189, WHHZ Waihua 7.27 188

IDC 14 00:45:18.3±1.4, 13.433N, 143.64E, h200km, 18km, mb3.1/4, mbtmp3.6/4, Error ellipse: s-maj=46.6km s-min=22.3km az=95.0, South of Mariana Islands

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: GUMO Guam 1.20 82, WRA Warrungunga Arr 3.40 186, ASAR Alice Springs 38.08 195, MKAR Makanchi Array 60.78 316, NVAR Mina Array Bea 87.95 51

NOU 14 00:49:05.2, 16.73S, 167.52E, h0km, MLV3.9/4, Vanuatu Islands, Vanuatu Islands

DJA 14 01:06:23.2±1.4, 7°S, 4°10'E, h12km, 13km, M3.7/10, MLV3.7/10, Sunda Strait

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: KASI Kota Agung 1.09 344, BLSI Bandar Lampung 1.28 20, SBJI Serang 1.40 71, SBLJ Kotabumi 1.71 2, KLJ Liwa 1.72 335, SKBJ Sukabumi 1.79 104, DBJI Dramaga 1.94 89, CBJI Cibeo 2.04 86, CNJI Cibinong 2.42 106, MNAI Manna 2.87 320

IDC 14 01:32:52.9±1.2, 6.04S, 130.39E, h0km, mb4.4/6, mbtmp4.3/8, ML4.2/2, Error ellipse: s-maj=46.2km s-min=27.1km az=73.0

NEIC 14 01:33:05.1±3.6, 3.5S, 0.07x130.5E±0.2, h116km, 10km, mb4.3/9, Error ellipse: s-maj=23.6km s-min=9.0km az=102.0

DJA 14 01:33:06.0±0.3, 6°S, 4°13'E, h139km, 16km, M4.5/11, mb5.1/6, mb4.5/10, MLV4.7/11, Mw(MB)4.4/6

ISC 14 01:33:04.1±0.6, 6.37S, 0.05x130.59E±0.07, h100km, n51, s195°/54, mb4.3/9, Banda Sea

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: MSAI Masohi 3.43 331, FAKI Fak Fak 3.80 26, FAKI Fak Fak 3.80 26, NLAJ Namlea 4.67 312, SANI Sanana 6.28 313, SANI Sanana 6.28 313, SANI Sanana 6.28 313, KDU Kakadu 6.55 164, BAKI Bakaik 7.53 47, BATI Baumata 7.85 240, EDFI Ende, Flores 9.14 254, KNRA Kununurra 9.43 191, PLAI Plampang 12.94 258, WBO Warrungunga Arr 13.82 165, WRAB Tennant Creek 13.97 165, WRA Warrungunga Arr 13.96 165, WRA Warrungunga Arr 13.96 165, WRA Warrungunga Arr 13.96 165, WRA Warrungunga Arr 13.96 165, WRA Warrungunga Arr 13.96 165, WRA Warrungunga Arr 13.96 165, WRA Warrungunga Arr 13.96 165, WRA Warrungunga Arr 13.96 165, WRA Warrungunga Arr 13.96 165

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: CMAR Chiang Mai Arr 39.79 309, ULN Ulanbaatar 57.85 341, SONM Songoing Array 58.03 341, PETK Petropavlovsk 63.54 18, MK31 Makanchi Array 68.02 326, MKAR Makanchi Array 68.02 326, MAKZ Makanchi 68.20 326, SEY Seymchan 71.08 10, ZALV Zalesovo Beam 71.28 333, KURK Kurchatov 72.29 328, ARCES ARCESS Array B 101.19 340

IDC 14 01:40:39.7±1.6, 3.58S, 145.82E, h0km, mb4.1/6, mbtmp4.2/7, ML4.4/1, MS3.7/4, Error ellipse: s-maj=51.4km s-min=22.8km az=106.0

NEIC 14 01:40:44.6±1.8, 3.71S, 0.08x145.8E±0.1, h20km, 7km, mb4.5/10, Error ellipse: s-maj=23.7km s-min=4.6km az=117.0

ISC 14 01:40:43.2±0.7, 3.60S, 0.09x145.9E±0.1, h25km, n23, s126°/20, mb4.3/8, Near north coast of New Guinea

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: MANU Manus Island 2.16 44, PMG Port Moresby 5.91 167, HNR Honiara 15.15 113, MTN Mantion Dam 17.21 237, WBO Warrungunga Arr 19.58 214, WR0 Warrungunga Arr 19.65 213, WB2 Warrungunga Arr 19.74 214, WRA Warrungunga Arr 19.75 214, WRA Warrungunga Arr 19.75 214, WRA Warrungunga Arr 19.75 214, KNRA Kununurra 20.66 233, AS31 Alice Springs 23.05 209, ASAR Alice Springs 23.05 209

IDC 14 02:05:50.3±1.9, 2.89S, 0.08x176.3W±0.1, h10km, 1km, mb5.0/12, Error ellipse: s-maj=20.8km s-min=9.9km az=118.0

IDC 14 02:05:51.9±0.6, 2.70S, 0.07x176.95W, h0km, mb4.2/11, mbtmp4.2/11, MS3.8/7, Error ellipse: s-maj=26.1km s-min=21.9km az=118.0

GMCT 14 02:05:57.3±0.4, 2.71S, 0.05x176.23W±0.03, h19km, 1km, MW4.8/71, Moment Tensor Solution. s24.c27; s71.c85; Duration: 0 Moment tensor: Scale 10^18Nm; Mr=0.2±0.1; Mw=0.2±0.1; Ms=0.2±0.1; Mb=0.2±0.1; Mv=0.4±0.2; Best double couple: M2.32800±0.10; N1: s=175.0000°; s4:0.0000°; A68.0000°; N1P2: s=64.0000°; s4:0.0000°; A1.08.0000°; Principal axes: T 2.4220, Pg7.4.0000°, Azm348.0000°; N -0.1900, Plg14.0000°, Azm196.0000°; P -2.2340, Plg7.0000°, Azm104.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 02:05:54.6±0.6, 2.81S, 0.09x176.5W±0.1, h37km, n63, s195°/51, mb4.7/22, MS3.8/6, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: RAO Raoul Island 1.70 228, OAU Omahuta 11.03 228, URZF Urewera 11.46 206, MSFV South Pole Qui 11.49 333, MSWZ Moikau Station 14.90 205, PLWZ Palisier 15.04 205, NNZ Neilson 15.50 210, DZM Mont Dumak 16.59 287, DZM Mont Dumak 16.59 287, RAR Rarotonga 16.66 69, ROUN ROUN, New Ca 19.06 289, TBI Tubuai 24.77 85, PPT2 Papeete 26.85 73, Papeete 26.86 73, HNR Honiara 28.94 305, TOO Tonga 33.13 244, CTAO Charters Tower 34.84 275, STKA Stephens Creek 36.34 254, ASAR Alice Springs 44.62 264

VAO 14 01:42:05.5±0.6, 2.01S, 173.25W, h214km, mb4.0

GUC 14 01:42:36.8±0.5, 2.01S, 173.25W, h214km, mb4.0

IDC 14 01:42:37.1±1.3, 2.01S, 173.25W, h117km, km, mb3.5/3, mbtmp3.9/6, Error ellipse: s-maj=40.5km s-min=9.0km az=99.0

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: GO01 Chuzmiza 0.45 352, PB11 IPOC Station P 0.61 306, TA02 Huaiquique 0.95 261, PB01 IPOC Station P 0.98 200, TA01 Diego Aracena 1.08 246, PB02 IPOC Station P 1.39 211, PB09 IPOC Station P 1.67 184, TA01 Punta Patache 1.19 234, PB02 IPOC Station P 1.89 211, PB09 IPOC Station P 1.89 211, TA02 Limon Verde 2.49 175, PB01 IPOC Station P 2.49 175, TA01 Diego Aracena 2.49 175, PB02 IPOC Station P 2.49 175, TA01 Diego Aracena 2.49 175, PB02 IPOC Station P 2.49 175, TA01 Diego Aracena 2.49 175, PB02 IPOC Station P 2.49 175, TA01 Diego Aracena 2.49 175, PB02 IPOC Station P 2.49 175, TA01 Diego Aracena 2.49 175, PB02 IPOC Station P 2.49 175, TA01 Diego Aracena 2.49 175, PB02 IPOC Station P 2.49 175, TA01 Diego Aracena 2.49 175, PB02 IPOC Station P 2.49 175

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: PCMB Pacaembu 16.77 98, FRTB Fortuna 18.46 104, NPGB Novo Progresso 18.46 48, TJ01 Guararuva-PR 19.27 109, IPMB Ipanema, GO 19.89 87, RLB Rio de Janeiro 20.26 100, BDBF Brasilia 20.58 81

IDC 14 01:49:15.3±1.8, 4.65S, 147.56E, h0km, mb3.9/3, mbtmp4.0/4, ML3.7/1, MS3.4/1, Error ellipse: s-maj=83.8km s-min=25.7km az=116.0

NEIC 14 01:49:21.6±1.1, 4.55S, 0.1x147.2E±0.2, h36km, 12km, mb4.3/9, Error ellipse: s-maj=35.9km s-min=9.4km az=111.0

ISC 14 01:49:21.0±1.5, 4.55S, 0.2x147.3E±0.3, h35km, n15, s190°/14, mb4.2/6, Bismarck Sea

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: MANU Manus Island 2.49 2, WBO Warrungunga Arr 19.65 219, WR0 Warrungunga Arr 19.71 218, WBO Warrungunga Arr 19.81 218, WRA Warrungunga Arr 19.82 218, WRA Warrungunga Arr 19.82 218, KAPI Kappang 27.42 268, JSD Sado 41.48 350, CHTO Chiang Mai 52.94 298, MKAR Makanchi Array 76.55 320, WRH Wood River Hill 83.45 23, CCB Clear Creek Bay 83.64 23, ILAR Eielson Array 84.05 23, J2SK Salcha River, 84.58 24

IDC 14 02:05:50.3±1.9, 2.89S, 0.08x176.3W±0.1, h10km, 1km, mb5.0/12, Error ellipse: s-maj=20.8km s-min=9.9km az=118.0

IDC 14 02:05:51.9±0.6, 2.70S, 0.07x176.95W, h0km, mb4.2/11, mbtmp4.2/11, MS3.8/7, Error ellipse: s-maj=26.1km s-min=21.9km az=118.0

GMCT 14 02:05:57.3±0.4, 2.71S, 0.05x176.23W±0.03, h19km, 1km, MW4.8/71, Moment Tensor Solution. s24.c27; s71.c85; Duration: 0 Moment tensor: Scale 10^18Nm; Mr=0.2±0.1; Mw=0.2±0.1; Ms=0.2±0.1; Mb=0.2±0.1; Mv=0.4±0.2; Best double couple: M2.32800±0.10; N1: s=175.0000°; s4:0.0000°; A68.0000°; N1P2: s=64.0000°; s4:0.0000°; A1.08.0000°; Principal axes: T 2.4220, Pg7.4.0000°, Azm348.0000°; N -0.1900, Plg14.0000°, Azm196.0000°; P -2.2340, Plg7.0000°, Azm104.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 02:05:54.6±0.6, 2.81S, 0.09x176.5W±0.1, h37km, n63, s195°/51, mb4.7/22, MS3.8/6, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Rows include: RAO Raoul Island 1.70 228, OAU Omahuta 11.03 228, URZF Urewera 11.46 206, MSFV South Pole Qui 11.49 333, MSWZ Moikau Station 14.90 205, PLWZ Palisier 15.04 205, NNZ Neilson 15.50 210, DZM Mont Dumak 16.59 287, DZM Mont Dumak 16.59 287, RAR Rarotonga 16.66 69, ROUN ROUN, New Ca 19.06 289, TBI Tubuai 24.77 85, PPT2 Papeete 26.85 73, Papeete 26.86 73, HNR Honiara 28.94 305, TOO Tonga 33.13 244, CTAO Charters Tower 34.84 275, STKA Stephens Creek 36.34 254, ASAR Alice Springs 44.62 264, WRO Warrungunga Arr 45.22 269, WB2 Warrungunga Arr 45.39 269, WRA Warrungunga Arr 45.40 269, WRA Warrungunga Arr 45.41 269, WRA Warrungunga Arr 45.41 269, VVDA Vanda 50.51 186, CASY Casey 57.78 207, QSPA South Pole Qui 62.00 180, TROLL Troll, Antarti 80.16 180, SNAA Sanaa 80.40 178, VNA1 Neumayer-Stat 81.16 176, KRSR Korea Array 83.48 319, LVC LVC 83.48 319, NVAR Mina Array Bea 85.66 42, USRK Ussuriysk Arr 86.01 326, TUC Ussuriysk Arr 86.64 51, U1SA North Rim 88.10 47, KLR Kuldur 89.75 239

Table with columns for station name, time, and other details. Includes stations like ILSW, TXAR, ENH, etc.

IDC 14 02:05:53.0 ± 0.5, 33°28'N, 139°48'E, h0km, mb4.1/23, mbtmp4.1/25, ML4.0/1, Error ellipse: s-maj=18.1km s-min=7.4km az=37.0

NIED 14 02:05:56.1 ± 0.5, 33°41'N, 139°42'E, h28km, MW4.3, Moment Tensor Solution, s3 Moment tensor, Scale: 10^15Nm

NEIC 14 02:05:56.1 ± 1.9, 33°41'N, 139°34'E, h10km, 1km, mb4.5/43, Error ellipse: s-maj=12.4km s-min=5.5km az=214.0

JMA 14 02:05:56.1 ± 0.1, 33°41'N, 139°41'E, h28km, 3km, MW3.8/34, NEAR HACHIJUJIMA ISLAND

ISC 14 02:05:55.6 ± 1.3, 33°40'N, 139°03'E, h11km, 8km, n117, e0994/126, mb4.4/52, 20-1D, Southeast of Honshu

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

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Lists stations like GTA, PZH, PZH, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Lists stations like NACGM, BMO, AKASG, etc.

14d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONGINGO Array, GUIYANG, YAKUTSK, QIONGZHONG, CHENGDU, SEYMCHAN, GAOTAI, KUNMING, PANZHIHUA, TOLITOI, BILIBINO, and TIKSI.

2016 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIKSI, CHIANG MAI, ZALESOVO, KURCHATOV, SHALKODE, UZBYNBUKAL, CHINGHAI, NISHIKI LAKE, SATY, KOKWOK RIVER, NUSHAGAK RIVER, ARKHS, TARAGY, CHUSHKALY, MODOK, ALMA-ATA, TIAN-SHAN, KILAE CREEK, KURTY, KURTY, TATALINA, SPARREVOHN, BIG MOUNTAIN, KOKTUH HILLS, WHITE MOUNTAIN, BONAZA CREEK, RIVER LODG, SITKINAK ISLAND, TELIDA, TELIDA, NOWINITA RIVER, NOWINITA RIVER, FAREWELL, CAPE DOUGLAS, BARROW, KASHI, KASHI, KASHI, KASHI, OIL PT, INDIAN MOUNTAIN, SOGINDY, SOGINDY.

718

Table with columns for station name, frequency, power, and other technical details. Includes stations like M20K, BTLS, BTLS, G21K, O20K, F21K, BRZS, BRZS, AAK, AAK, AAK, AAK, KDAK, KDAK, KDAK, KDAK, H21K, H21K, Q20K, SPCR, CHUM, PPLA, PPLA, PPLA, SPU, CAST, CAST, I21K, I21K, F22K, CNPM, H22K, E22K, BPAW, BPAW, KTH, KTH, SUA, SUA, SUA, BRSE, MLY, MLY, BVAR, TRF, D23K, COLD, G23K, C23K, RC01, RC01, H23K, H23K, I23K, I23K, SEW, TOLK, TOLK, NEA2, NEA2, NEA2, PMR, PMR, PMR, MCK, MCK, MCK, MCK, RND, RND, RND, RND, GHO, GHO, D24K, WAT1, E24K, C24K, KNK, KNK, MDM, MDM, SML, SML, SML, WRH, WRH, PWL, PWL.

14d 2h

2016 JUL

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like MNK, EDW, TPV, SPR, LAO, OZUR, GWT, DUG, BORG, MLR, DOPR, PRN, GSC, BFSC, PSUT, CTU, BW06, PDAR, CJR, NLU, VOIR, SHPR, BBRC, TUQ, MPU, HEC, ARR, BORA, MURC, DRGR, LANS, GMRC, PFO, PFO, PFO, PMD, MORC, MORC, TMUT, BELC, OSTC, CHVC, KRLC, KRLC, KRLC, MTPU, PSZ, PSZ, DPC, DPC, UPC, Q16A, VYHS, VYHS, GZR, MIONP2, IRM, BC3, K22A, K22A, IKP, VRAC, VRAC, BRG, BRG, BRG, BRG, YUH, HERR, CLL, CLL, CLL, CLL, RAYN, RAYN.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like KRUC, PDMC, RSSD, BLYC, PRU, PRU, PRU, O20A, GLA, BLKB, NKC, NKC, PPT, RONA, Y14A, CONA, PV07, N23A, CKRC, CKRC, PHWY, WUAZ, KAC, N13A, KHC, KHC, KHC, GERES, KPL, ARSA, INVG, X16A, ESU, MVCO, MVCO, ISCO, ISCO, ISCO, BIOA, SOKA, 214A, S22A, Q24A, F35A, HPK, HPK, MEM, SDCO, SDCO, BSI, WTTA, TUC, CLGH, CLGH, BCLA, RETA, IOMK, IOMK, RCHB, BMRD, SNF, DOU, ECSD, ECSD, DAVA, T25A, T25A, ANMO, ANMO, ANMO, ANMO, ANMO, ATD, KSU1, WMOK, TXAR, TXAR, S39A, ABTX, SADO, JCT, JCT, O48B.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like KRUC, PDMC, RSSD, BLYC, PRU, PRU, PRU, O20A, GLA, BLKB, NKC, NKC, PPT, RONA, Y14A, CONA, PV07, N23A, CKRC, CKRC, PHWY, WUAZ, KAC, N13A, KHC, KHC, KHC, GERES, KPL, ARSA, INVG, X16A, ESU, MVCO, MVCO, ISCO, ISCO, ISCO, BIOA, SOKA, 214A, S22A, Q24A, F35A, HPK, HPK, MEM, SDCO, SDCO, BSI, WTTA, TUC, CLGH, CLGH, BCLA, RETA, IOMK, IOMK, RCHB, BMRD, SNF, DOU, ECSD, ECSD, DAVA, T25A, T25A, ANMO, ANMO, ANMO, ANMO, ANMO, ATD, KSU1, WMOK, TXAR, TXAR, S39A, ABTX, SADO, JCT, JCT, O48B.

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 Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, 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 Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

IDC 14 02:22:10.8-0.6,33°15N:139°32E,h0km,mb4.0/18, mbmp4.0/19,ML2.4/1,MS4.7/1,Error ellipse: s-maj=18.6km s-min=10.0km az=18.0, JMA 14 02:22:13.2-0.2,33°4N:02-139°3E:0.7,h10km,3km, MV4.2/29,NEAR HACHIOJIMA ISLAND NEIC 14 02:22:14.0-1.9,33°34N:07-139°22E:0.0,h10km,1km, mb4.5/34,Error ellipse: s-maj=12.5km s-min=3.0km az=204.0

ISC 14 02:22:14.1-0.9,33°40N:03-139°29E:0.0,h15km,6km, n105,147/100,mb4.4/37,Southeast of Honshu

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 Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, 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 Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

IDC 14 02:20:0.0-0.5,28°00S:176°43W,h0km,mb4.7/20, mbmp4.6/22,ML4.9/2,MS4.3/28,Error ellipse: s-maj=18.6km s-min=17.0km az=151.0, NEIC 14 02:24:02.4-1.9,27°30S:07-176°35W:0.1,h10km,1km, mb5.1/89,Error ellipse: s-maj=16.2km s-min=10.7km az=121.0

GCMT 14 02:24:04.0-4.0,28°06S:175°90W:0.0,h21km, MW5.0/96,Moment Tensor Solution. s39,c45; s96,c126; Duration: 0 Moment tensor: Scale 1016Nm; Mr3.66t.21; Mw0.02t.14; Mw0.3-6.8t.15; Mw0.04t.27; Mw0.0-6.1t.10; Mw0.20t.22; Best double couple: M4.24200x1016 NP1:0.93,0.0000°,0.31,0.0000°,0.97,0.0000°. NP2: 0.5,0.0000°,0.59,0.0000°,0.86,0.0000°. Principal axes: T 4.1920,Plg75.0000°,Azim264.0000°; N 0.1000,Plg3.0000°,Azim7.0000°; P -4.2920,Plg14.0000°,Azim98.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 14 02:24:04.0-5.0,9-27°89S:176°44W,h33km,mb5.2/26 Error ellipse: s-maj=12.0km s-min=9.4km az=92.3

BUI 14 02:24:06.0-0.0,27°62S:176°40W,h40km,mb5.2/32, mb5.7/16,Ms5.0/4,Ms7.4/8/5

NOU 14 02:24:09.8,28°25S:176°08W,h77km,mb5.1/11, Kermadec Islands Region

ISC 14 02:24:05.9-0.3,27°96S:075°176°41W:0.06,h37km, n39.1,e119/1967,mb5.1/98,MS4.5/27,11C-6D,Kermadec 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 Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, 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 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 Bias, Elevation Bias, Azimuth Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, 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 Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

IDC 14 02:20:0.0-0.5,28°00S:176°43W,h0km,mb4.7/20, mbmp4.6/22,ML4.9/2,MS4.3/28,Error ellipse: s-maj=18.6km s-min=17.0km az=151.0, NEIC 14 02:24:02.4-1.9,27°30S:07-176°35W:0.1,h10km,1km, mb5.1/89,Error ellipse: s-maj=16.2km s-min=10.7km az=121.0

GCMT 14 02:24:04.0-4.0,28°06S:175°90W:0.0,h21km, MW5.0/96,Moment Tensor Solution. s39,c45; s96,c126; Duration: 0 Moment tensor: Scale 1016Nm; Mr3.66t.21; Mw0.02t.14; Mw0.3-6.8t.15; Mw0.04t.27; Mw0.0-6.1t.10; Mw0.20t.22; Best double couple: M4.24200x1016 NP1:0.93,0.0000°,0.31,0.0000°,0.97,0.0000°. NP2: 0.5,0.0000°,0.59,0.0000°,0.86,0.0000°. Principal axes: T 4.1920,Plg75.0000°,Azim264.0000°; N 0.1000,Plg3.0000°,Azim7.0000°; P -4.2920,Plg14.0000°,Azim98.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 14 02:24:04.0-5.0,9-27°89S:176°44W,h33km,mb5.2/26 Error ellipse: s-maj=12.0km s-min=9.4km az=92.3

BUI 14 02:24:06.0-0.0,27°62S:176°40W,h40km,mb5.2/32, mb5.7/16,Ms5.0/4,Ms7.4/8/5

NOU 14 02:24:09.8,28°25S:176°08W,h77km,mb5.1/11, Kermadec Islands Region

ISC 14 02:24:05.9-0.3,27°96S:075°176°41W:0.06,h37km, n39.1,e119/1967,mb5.1/98,MS4.5/27,11C-6D,Kermadec 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 Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, 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 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 Bias, Elevation Bias, Azimuth Scatter, Elevation Scatter, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, 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 Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns for station (MAJO, KASI, etc.), frequency (e.g., 77.81 270), and other parameters. Includes sub-sections like MAJO, KASI, etc., listing various stations and their details.

Table with columns for station (G08A, Pilot Rock, ILSW, etc.), frequency (e.g., 89.67 37), and other parameters. Includes sub-sections like G08A, Pilot Rock, ILSW, etc., listing various stations and their details.

Table with columns for station (SEY, SEY, SEY, etc.), frequency (e.g., 93.93 346), and other parameters. Includes sub-sections like SEY, SEY, SEY, etc., listing various stations and their details.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BER Bergen, ISAL Salakas, KONO Kongsberg, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CUPR comp=N,4um,0.3s, STVI Saint Thomas, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MDCT Cottage Hill, MDVC Cottage Hill, etc.

Technical notes and instructions at the bottom of the page, including 'IDC 14 02:30:51.5-1.3, 19.27N:65.08W, h0km, mb3.6/3' and 'NEIC 14 02:30:56.9-1.0, 18.90N:0.07:65.32W:0.03, h29km, 5km'.

IDC 14 03:03:01.8-0.8, 281.00S, 176.48W, h0km, mb4.0/7, mltmp4.0/7, MS3.6/11, Error ellipse: s-maj=37.2km s-min=25.3km az=180.0

NEIC 14 03:03:02.3-1.1, 27.7S, 0.1x176.6W, 0.2, h10km, 2km, mb4.7/8, Error ellipse: s-maj=33.0km s-min=6.3km az=312.0

ISC 14 03:03:07.1-0.6, 27.84S, 0.09, 176.6W, 0.1, h37km, n37, 19611/30, mb4.1/11, MS3.6/9, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Rows include stations like RAO Raoul Island, MSVF Nonsavu, URZ Urewera, etc.

IDC 14 03:32:19.7-0.8, 23.20N, 121.62E, h0km, mb3.8/11, mltmp3.9/11, MS3.3/2, Error ellipse: s-maj=36.8km s-min=17.4km az=63.0

ASIES 14 03:32:23.9, 23.17N, 121.38E, h20km, MW4.0, NEIC 14 03:32:23.2-1.3, 23.16N, 0.05, 121.42E, 0.0, h17km, 7km, mb4.3/4, ML4.4(TAP), Error ellipse: s-maj=7.9km s-min=2.8km az=177.0

JMA 14 03:32:23.4-0.6, 23.12N, 121.22E, h0km, MW3.8/14, TAIWAN REGION

NIED 14 03:32:23.4, 23.24N, 121.60E, h0km, MW4.0, Moment Tensor Solution, s2 Moment tensor: Scale 10^19Nm; Mn=0.36; Mw=0.28; Ms=0.63; Mo=0.81; Mx=0.64; My=0.73; Fault plane solution: M1: 310.0x10^15 NPI; sigma301.0000; sigma45.0000; sigma1-161.0000; NP2: sigma197.0000; sigma276.0000; sigma3-147.0000

TAP 14 03:32:24.0, 23.16N, 121.36E, h18km, ML4.4, C BUJ 14 03:32:26.0-0.0, 23.23N, 120.94E, h10km, mb4.1/4, mb4.4/2, ML4.4, Ms4.2, Ms7.4, 1/1

ISC 14 03:32:23.3-0.7, 23.13N, 0.02, 121.48E, 0.02, h24km, 4km, n164, 15121/234, mb3.9/13, 9C-21D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Rows include stations like CHKT Chengkung, FULB Fulli, ECBN Changbin, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Rows include stations like EHY Lidau, ELDTW Lidau, LDUT Ludao, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Rows include stations like WCS Beijing Elemen, SSPT Xinbi, SSPT Jichii Village, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRLLS Borolday, KRBS Karabastau, MDOK Medeo, etc.

KRNET 14 04:00:42.6±0.1, 40°18'N, 72°30'E, h12km, mb3.4
ISU 14 04:00:42.6, 40°18'N, 72°30'E, h6km
NNC 14 04:00:44.4±3.3, 40°18'N, 72°30'E, h10km, 16km, mb3.7,
mpv3.3, Error ellipse: s-maj=27.2km s-min=12.0km az=174.0

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKM2 Tokmak 2, BRLS Borolday, KRBS Karabastau, etc.

NEIC 14 04:03:04.7±1.2, 57°35'N, 103°15'W, h7km, 8km,
ANF 14 04:03:04.1±0.4, 57°32'N, 156°18'W, h1km, 3km, ML4, 1/30,
Error ellipse: s-maj=2.4km s-min=1.5km az=119.0
AEC 14 04:03:05.1±2.5, 38°N, 103°15'W, h9km, 6km,
ML3.4, ML3.7/44(NEIC), Error ellipse: s-maj=4.7km
s-min=3.7km az=92.0

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDAK Kodiak Island, Q19K Cape Douglas, O19K Kokwok River B, etc.

KRNET 14 04:52:25.8±0.1, 39°28'N, 73°64'E, mb3.8
SOME 14 04:52:25.0, 39°43'N, 73°65'E, h0km
NNC 14 04:52:32.4±1.7, 39°62'N, 73°82'E, h0km, mb4.1, mpv3.7,
Error ellipse: s-maj=13.7km s-min=6.9km az=174.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like OHH Osh, O18K Kottuh Hills, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Erkin-Say, Ala-Archa, Karagaybulak, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ARXS Arhary, SHLS Shalkode, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Rose Lookout, Zaravshan, etc.

Table with columns for station name, coordinates, and forecast values (pmax, smax, etc.). Includes stations like PET, AVA, KRER, KOK, RUS, etc.

Table with columns for station name, coordinates, and forecast values (pmax, MLR, etc.). Includes stations like UGL, SHO, YSS, YSS, YSS, etc.

Table with columns for station name, coordinates, and forecast values (P, Pmax, etc.). Includes stations like MAJO, MAJO, MAJO, MAJO, MAJO, etc.

KDAK	Kodiak Island	26.56	60	P	P	06 40 23.5	-0.5	
KDAK	Kodiak Island	26.56	60	iP	P	06 40 23.8	-0.2	
KDAK	Kodiak Island	comp=Z,23nm,0.9s						
KDAK	Kodiak Island	26.56	60	P	P	06 40 23.1	-0.9	
I21K	Tanana	26.58	44	P	P	06 40 24.0	-0.1	
SKT	Skwentna	26.69	51	P	P	06 40 24.4	-0.7	
BOD	Bodaibo	26.72	300	eP	P	06 40 24.5	-0.9	
BOD		comp=Z,148nm,1.1s						
SEHB	SEOWHA	26.77	250	P	IAMB	06 40 26.9	+0.8	
SEHB		comp=Z,66nm,1.0s						
HOM	Homer	26.80	56	P	P	06 40 25.1	-1.0	
F22K	John River	26.80	39	P	P	06 40 25.4	-0.8	
H22K	Ishlaltina Cre	26.90	42	P	P	06 40 26.5	-0.5	
BPAW	Bear Paw Mtn.	26.94	46	P	P	06 40 28.1	+0.7	
BPAW	Bear Paw Mtn.	26.94	46	P	P	06 40 27.2	-0.2	
KTH	Kantishna Hill	26.95	47	P	P	06 40 28.4	+0.8	
G22K	Bettles	26.97	40	P	P	06 40 27.5	-0.1	
CNPM	China Poot	27.02	56	P	IAMB	06 40 28.4	+0.3	
CNPM		comp=Z,20nm,0.8s						
E22K	Anaktuvuk Pass	27.05	37	P	P	06 40 28.5	+0.1	
SUA	Susitna One	27.08	52	P	P	06 40 27.4	-1.4	
MLY	Manley	27.09	44	P	P	06 40 29.4	+0.6	
MLY	Manley	27.09	44	P	P	06 40 28.0	-0.8	
BRLK	Bradley Lake	27.16	56	P	P	06 40 29.0	-0.1	
TRF	Thorofare Moun	27.24	48	P	P	06 40 30.9	+0.7	
TRF	Thorofare Moun	27.24	48	P	P	06 40 29.6	-0.6	
BRSE	Bradley Lake S	27.24	56	P	P	06 40 29.1	-1.0	
CUT	Chulitna	27.27	50	P	P	06 40 29.6	-0.6	
COLD	Coldfoot	27.52	39	P	P	06 40 33.2	+0.7	
COLD	Coldfoot	27.52	39	P	P	06 40 32.1	-0.5	
KSRS	Korea Array	27.53	249	P	P	06 40 32.0	-0.8	
KSRS		comp=Z,15nm,0.9s,baz=45,slov=9.2,SNR=24						
KSRS		comp=Z,2.8nm,0.8s,baz=317,slov=1.6,SNR=6.0						
KSRS		LR						
G23K	Bananza Creek	27.53	41	P	P	06 40 32.1	-0.5	
KSAR	Wonju Array Be	27.56	249	P	P	06 40 32.2	-0.9	
KSAR	Wonju Array Be	27.56	249	P	P	06 40 32.2	-0.9	
RC01	Rabbit Creek A	27.60	53	P	P	06 40 32.6	-0.7	
D23K	Nanushuk River	27.62	36	P	P	06 40 33.5	+0.1	
H23K	Yukon River	27.64	43	P	P	06 40 34.1	+0.4	
H23K	Yukon River	27.64	43	P	P	06 40 34.1	+0.4	
I23K	Minto, Yukon-K	27.68	44	P	P	06 40 33.8	-0.1	
NEA2	Nenana	27.79	45	P	P	06 40 35.6	+0.7	
NEA2	Nenana	27.79	45	P	P	06 40 35.1	+0.1	
C23K	Itkillik River	27.82	34	P	P	06 40 34.7	-0.5	
SEW	Seward	27.84	55	P	P	06 40 34.5	-0.9	
MCK	McKinley	27.84	47	P	P	06 40 35.8	+0.3	
MCK	McKinley	27.84	47	P	P	06 40 35.8	+0.3	
MCK		comp=Z,15nm,1.0s						
MCK	McKinley	27.84	47	P	P	06 40 35.0	-0.5	
PMR	Palmer	27.85	52	P	P	06 40 34.5	-1.0	
RND	Reindeer	27.88	48	P	P	06 40 36.1	+0.2	
RND	Reindeer	27.88	48	P	P	06 40 36.1	+0.2	
RND		comp=Z,17nm,0.9s						
TOLK	Toolik Lake Re	27.96	36	P	P	06 40 37.4	+0.9	
TOLK	Toolik Lake Re	27.96	36	P	P	06 40 36.3	-0.2	
WAT1	Susitna Watana	28.04	49	P	P	06 40 36.5	-0.8	
MDM	Murphy Dome	28.16	44	P	P	06 40 38.9	+0.6	
KNK	Knik Glacier	28.18	52	P	P	06 40 38.1	-0.5	
SML	Sawmill	28.21	51	P	IAMB	06 40 39.2	+0.4	
SML		comp=Z,34nm,0.8s						
SML	Sawmill	28.21	51	P	IAMB	06 40 38.0	-0.8	
WRH	Wood River Hill	28.21	45	P	IAMB	06 40 39.6	+1.0	
WRH		comp=Z,21nm,1.0s						
E24K	Your Creek	28.28	38	P	P	06 40 38.8	-0.6	
PWL	Port Wells	28.30	53	P	IAMB	06 40 39.4	-0.1	
PWL		comp=Z,19nm,0.8s						
PWL	Port Wells	28.30	53	P	IAMB	06 40 38.3	-1.3	
TCOL	CIGO, UAF Yank	28.31	45	P	IAMB	06 40 40.4	+0.9	
TCOL		comp=Z,27nm,1.2s						
TCOL	CIGO, UAF Yank	28.31	45	P	IAMB	06 40 38.0	-1.6	
D24K	Happy Valley	28.31	36	P	P	06 40 38.8	-0.8	
COLA	College	28.32	45	P	IAMB	06 40 40.1	+0.5	
COLA		comp=Z,30nm,1.2s						
COLA	College	28.32	45	P	P	06 40 40.1	+0.5	
COLA		comp=Z,30nm,1.3s						
COLA	College	28.32	45	P	P	06 40 38.6	-1.0	
H24K	Noodor Dome	28.33	43	P	P	06 40 40.6	+0.8	
H24K	Noodor Dome	28.33	43	P	P	06 40 39.0	-0.8	
CCB	Clear Creek Bu	28.33	45	P	P	06 40 40.3	+0.6	
WAT6	Susitna Watana	28.43	49	P	P	06 40 39.5	-1.4	
F24K	Squaw Lake	28.44	39	P	P	06 40 40.3	-0.5	
C24K	Franklin Bluff	28.45	34	P	P	06 40 40.0	-0.7	
POKR	Poker Plat Res	28.50	44	P	P	06 40 39.7	-1.6	
M23K	Glacier View	28.50	51	P	P	06 40 40.1	-1.2	
DHY	Denali Highway	28.57	48	P	IAMB	06 40 42.3	+0.3	
DHY		comp=Z,67nm,2.0s						
DHY	Denali Highway	28.57	48	P	P	06 40 40.0	-2.0	
SCM	Sheep Creek Mo	28.68	51	P	P	06 40 41.3	-1.7	
HDA	Harding Lake	28.71	46	P	P	06 40 42.4	-0.8	
ILAR	Eielson Array	28.73	45	P	P	06 40 43.4	0.0	
ILAR		comp=Z,3.9nm,0.8s,baz=260,slov=7.9,SNR=39						
ILAR		LR						
GLI	Glacier Island	28.90	53	P	P	06 40 43.3	-1.6	
JNU	Nakatsue	29.11	240	P	P	06 40 47.1	+0.1	
JNU		comp=Z,15nm,0.9s,baz=80,slov=2.7,SNR=3.8						
JNU		comp=Z,15nm,0.9s						
JNU	Nakatsue	29.11	240	P	P	06 40 49.7	+2.6	
CJN	Chichijima	29.18	216	LR	LR	06 50 01.1		
M24K	Tolsoma, Glenn	29.20	50	P	P	06 40 46.1	-1.5	
D25K	Kavik River	29.20	35	P	P	06 40 46.4	-1.2	
K24K	Donnelly Dome	29.24	47	P	P	06 40 47.1	-0.8	

PRP	Porcupine Dome	29.30	43	P	P	06 40 47.6	-1.0	
J25K	Salcha River	29.38	45	P	P	06 40 47.8	-1.4	
KLU	Klutina	29.39	52	P	P	06 40 48.1	-1.2	
PAX	Paxson	29.44	48	P	P	06 40 49.5	-0.3	
Q23K	Middleton Isla	29.50	56	P	P	06 40 49.8	-0.3	
HARP	HAARP	29.64	50	P	P	06 40 50.6	-0.8	
RIDG	Independent Ri	29.66	47	P	P	06 40 51.1	-0.6	
C26K	Camden Bay	29.78	34	P	P	06 40 52.4	-0.2	
N25K	Chitina, Valde	30.00	51	P	P	06 40 53.2	-1.5	
SCRK	Sand Creek	30.02	46	P	P	06 40 54.0	-1.0	
BRMR	Bremner River	30.09	52	P	P	06 40 54.1	-1.4	
C27K	Jago River	30.17	35	P	P	06 40 55.4	-0.6	
J26L	Joseph Creek	30.17	45	P	P	06 40 56.1	0.0	
I26K	Coal Creek Min	30.30	44	P	P	06 40 56.9	-0.2	
KAIM	Kayak Island	30.36	54	P	P	06 40 57.1	-0.8	
HMT	Hamilton	30.37	54	P	P	06 40 58.7	+0.9	
L26K	Log Cabin Wild	30.40	48	P	P	06 40 57.3	-0.8	
VRDI	Verde Repeater	30.60	52	P	IAMB	06 41 00.5	+0.4	
VRDI		comp=Z,30nm,1.8s						
XLT	XiLinHaoTe	30.62	271	eP	P	06 40 58.1	-2.3	
XLT		comp=Z,19nm,0.9s						
XLT		comp=Z,110nm,4.8s						
XLT		comp=Z,1.1um,17.4s						
XLT		comp=Z,1.1um,16.5s						
M26K	Nabesna, AK	30.64	49	P	P	06 40 59.8	-0.5	
MCARA	McCarthy VSAT	30.78	51	P	P	06 41 01.0	-0.5	
CRQM	Cirque	30.84	53	P	IAMB	06 41 03.1	+0.9	
CRQM		comp=Z,20nm,0.9s						
K27K	Chicken	30.86	46	P	P	06 41 01.9	-0.3	
CRQE	Cirque	30.86	53	P	P	06 41 02.0	-0.4	
L27K	Beaver Creek	31.08	48	P	P	06 41 04.2	0.0	
M27K	Edge Creek, AK	31.16	49	P	P	06 41 04.6	-0.4	
GRNC	Granite Creek	31.51	52	P	P	06 41 08.2	0.0	
MESA	MESA	31.53	53	P	P	06 41 07.3	-1.0	
BVCY	Beaver Creek	31.62	49	P	P	06 41 09.2	+0.3	
CTG	Chitna Glacier	31.66	52	P	P	06 41 09.3	-0.1	
TABL	Table Mountain	31.86	53	P	P	06 41 12.2	+0.9	
YUK3	Moose Creek	31.92	50	P	P	06 41 11.5	-0.3	
DAWY	Dawson	32.02	46	P	P	06 41 12.7	+0.2	
I29M	Ogilvie Camp,	32.32	43	P	P	06 41 15.2	+0.2	
PINM	Pinnacle	32.37	53	P	P	06 41 15.8	+0.2	
BJI	Beijing	32.80	265	P	S	06 41 18.6	-0.8	
BJI		comp=Z,4.0nm,0.5s						
BJI		comp=Z,79nm,4.3s						
BJI		comp=Z,200nm,15.0s						
BJI		comp=Z,990nm,16.3s						
BJI		comp=Z,2um,15.1s						
YUK4	Talbot Arm	32.86	51	P	P	06 41 20.8	+0.8	
YUK6	Outpost Mounta	33.08	51	P	P	06 41 22.2	+0.3	
H112	WAKE ISLAND Hy	33.29	170	T	T	07 16 59.1		
H113	WAKE ISLAND Hy	33.30	170	T	T	07 17 13.8		
H111	WAKE ISLAND Hy	33.30	170	T	T	07 17 08.4		
M30M	Minto, Yukon	33.44	48	P	P	06 41 25.3	+0.4	
HYT	Haines Junction	33.52	51	P	P	06 41 26.0	+0.4	
N30M	Aishihik Lake	33.56	50	P	P	06 41 26.1	+0.1	
IRK	Irkutsk	33.70	292	eP	P	06 41 24.2	-3.0	
IRK		comp=Z,68nm,1.6s						
INK	Inuvik	33.85	37	P	P	06 41 29.5	+1.2	
INK		comp=Z,8.2nm,0.8s,baz=289,slov=6.7,SNR=31						
INK		comp=Z,6.2nm,0.8s						
P30M	Million Dollar	33.96	52	P	P	06 41 30.4	+1.0	
ULN	Ulaanbaatar	34.03	284	P	IAMB	06 41 29.2	-1.1	
ULN		comp=Z,50nm,1.2s						
ULN	Ulaanbaatar	34.03	284	eP	P	06 41 29.1	-1.2	
ULN		comp=Z,47nm,1.3s						
ULN	Ulaanbaatar	34.03	284	P	P	06 41 29.2	-1.1	
N31M	Braeburn, Yuko	34.16	50	P	P	06 41 31.7	+0.6	
O30N	Mendenhall	34.20	51	P	P	06 41 31.5	0.0	
SOMN	Songino Array	34.44	284	P	P	06 41 33.3	-0.5	
SOMN		comp=Z,1.4nm,0.6s,baz=64,slov=7.4,SNR=66						
SOMN		comp=Z,3.7nm,0.7s,baz=75,slov=1.7,SNR=6.1						
SOMN		comp=Z,2um,18.6s,baz=62,slov=39						
SOMN	Songino Array	34.44	284	P	IAMB	06 41 33.2	-0.5	
SOMN		comp=Z,20nm,1.0s						
SOMN	Songino Array	34.44	284	P	P	06 41 33.2	-0.5	
H11S1	WAKE ISLAND Hy	34.48	170	T	T	07 19 16.6		
H11S2	WAKE ISLAND Hy	34.49	170	T	T	07 19 16.9		
H11S2	WAKE ISLAND Hy	34.49	170	T	T	07 19 12.3		
M31M	Drury Creek, Y	34.62	48	P	IAMB	06 41 36.7	+1.6	
M31M		comp=Z,42nm,1.9s						
M31M	Drury Creek, Y	34.62	48	P	IAMB	06 41 35.8	+0.7	
WHY	Whitehorse	34.80	51	P	P	06 41 38.0	+1.2	
SKAG	Skagway	34.94	53	P	P	06 41 36.9	+1.1	
ZAK	Zakamensk	35.05	290	eP	P	06 41 36.7	-2.3	
ZAK		comp=Z,27nm,1.4s						

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CCM Cathedral Cave, HHAR Hobbs, AAM Ann Arbor, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSP Ksiaz, KARS Kars, MILM Milestii Mici, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GHRR Oxford, ARCH ARCALIA, VRAC Vranov, etc.

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other technical details. Includes stations like BLA Blacksburg, GZR Gura Zlata, WRAB Tennant Creek, etc.

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other technical details. Includes stations like NAZ nazwa, Dubai, ASHO Ashiyah, etc.

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other technical details. Includes stations like PMRV Marv70, PMRV Marv70, KEST Kesra, etc.

IDC 14 06:37:21.6:3.9,53:58N:90:87E, h0km,mbtm3p0/3, ML2,4/3, Error ellipse: s-maj=39.4km s-min=25.6km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesov Beam, etc.

IDC 14 06:42:14.7:2.9,5:71S:153:88E, h76km,23km,mb3.6/6, mbmp4.0/8,MS3.3/3, Error ellipse: s-maj=26.0km s-min=15.7km az=86.0

IDC 14 06:42:14.3:0.9,5:68S:0:09:153:9E:0.1, h74km, n14, o:85R/13, mb3.6/5, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRVT Keravat, HNR Honiara, PMG Port Moresby, etc.

IDC 14 06:48:52.1:1.3,2:01S:71:34W, h0km,mb4.2/6, mbmp4.1/10,ML3.9/4,MS2.8/4, Error ellipse: s-maj=33.4km s-min=27.1km az=155.0

SJA 14 06:48:56.9:0.7,31:76S:71:58W, h27km,2km,ML4.2, MW4.2

NEIC 14 06:48:59.8:1.3,31:73S:0:04:71:5W:0:1, h43km,8km, mb4.3/12,ML4.2(GUC), Error ellipse: s-maj=12.7km s-min=5.5km az=95.0

GUC 14 06:48:59.1:0.7,31:77S:71:45W, h45km,3km,ML4.2

ISC 14 06:48:58.0:0.9,31:76S:0:03:71:43W:0:05, h40km,9km, n115, o:242/135, mb4.3/10, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CO02 Combarbal, CO02 Combarbal, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Time, Res, ISC. Includes stations like Catapilco, Fray Jorge, San Esteban, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Time, Res, ISC. Includes stations like Paso Flores, Limon Verde, Villa Florida, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Time, Res, ISC. Includes stations like UCH, EKS2, MRKS, etc.

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14d 6h

Main data table containing station names, call signs, frequencies, and signal strength indicators. Includes stations like KK31, KKAR, MTBS, BRLS, TNS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARCESS Array B, Divivare, MORH, YAK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Seminario San Universidad Ev, Universidad Ev, LFU, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Matushiro Arr, SONGINGO Array, etc.

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

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

ASRS 14 08:29:31.2,0.4,50°N,2°x9°0E, h5km, MLh3.7/12, Error ellipse: s-maj=4.0km s-min=2.3km az=144.7, confirmed

SOME 14 08:29:41.7,50.40N,88.00E, h20km, ISC 14 08:29:31.8,1.3,50.16N,104.89E,59.59E,0.03,h9km,12km, n31, r156/49, 6C-1D, Tuva-Buryatia-Mongolia border region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations from ULGR to DJR.

NNC 14 08:34:49.6,3.1,54.77N,83.80E, h17km,21km, mb4.2, mpv3.7, Error ellipse: s-maj=12.7km s-min=8.4km az=172.0

IDC 14 08:34:50.2,2.1,54.70N,83.78E, h0km, mbmp3.7/2, ML3.2/2, Error ellipse: s-maj=17.8km s-min=10.3km az=173.0

ISC 14 08:34:50.6,2.7,54.93N,02.8391E,0.08,h35km,n10, r124/16,5C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like I46RU, ZAAO, ZAAZ, ZALV, ZARK, KURK, KURBB, MK31, MKAR, MKAR, MAKZ, BVAO.

NNC 14 08:35:38.9,3.0,37.85N,57.14E, h0km, mb4.2, Error ellipse: s-maj=39.6km s-min=13.1km az=5.0

TEH 14 08:35:38.9,37.49N,57.50E, h8km, ML4.3

IDC 14 08:35:40.7,1.3,37.65N,57.25E, h0km, mb3/6, mbtmp3.9/16, ML3.8/6, MS3.1/3, Error ellipse: s-maj=21.7km s-min=7.3km az=173.0

NEIC 14 08:35:42.2,2.6,37.61N,0.09,57.47E,0.07,h10km,2km, mb4.1/9, mb_Lg4.3(TEH), Error ellipse: s-maj=15.6km s-min=7.8km az=158.0

ISC 14 08:35:42.3,0.9,37.66N,0.04,57.47E,0.03,h18km,6km, n11, r167/114, mb4.0/4, 5C-3D, Iran-Turkmenistan border region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations from BJRJ to AAK.

comp=Z,85nm,18.2s,baz=254,slow=39 comp=Z,2.9nm,0.5s

KSH Kashi 14.59 77 P Pn 08 39 02.1 -5.8

comp=Z,6.0nm,0.6s comp=N,310nm,12.0s

comp=E,190nm,7.9s

comp=Z,1.40nm,8.3s

TARG Taragay, Kyrgy 16.16 69 Pn 08 39 28.5 -0.3

comp=Z,1.1nm,0.3s,baz=202,slow=2.6,SNR=5.4

comp=Z,2.0,5nm,0.5s

BRTR Keskin Array 18.71 284 P P 08 39 59.3 -0.5

comp=Z,0.2nm,0.3s,baz=117,slow=11,SNR=2.2

comp=Z,2.86nm,0.6s

comp=Z,2.86nm,0.6s

comp=Z,0.8nm,0.4s

comp=Z,1.8nm,1.3s

comp=Z,1.6nm,0.7s,baz=238,slow=12,SNR=2.6

comp=Z,3.3nm,0.8s

comp=Z,3.3nm,0.8s

comp=Z,3.3nm,0.8s

comp=Z,2.4nm,0.8s

comp=Z,2.1nm,0.6s

comp=Z,2.1nm,0.6s

comp=Z,2.5nm,0.7s

comp=Z,5.5nm,1.4s

comp=Z,5.0nm,0.8s

comp=Z,1.5nm,0.8s

comp=Z,2.7nm,0.9s

comp=Z,90nm,4.2s

comp=Z,2.3nm,0.9s

comp=Z,1.10nm,4.6s

comp=Z,0.2nm,0.4s,baz=105,slow=11,SNR=1.2

comp=Z,0.2nm,0.4s

comp=Z,0.8nm,0.6s

comp=Z,0.8nm,0.6s

comp=Z,0.7nm,0.9s,baz=50,slow=7.7,SNR=0.6

comp=Z,0.7nm,0.9s

BUI 14 08:36:24.2,0.0,41.27N,29.83W, h10km, mb5.0/39, mb5.4/32, MS5.6/35, MS7.5/4/35

MOS 14 08:36:26.7,1.0,41.39N,29.31W, h10km, mb5.2/51, MS5.2/26, Error ellipse: s-maj=8.7km s-min=5.0km az=136.1

IDC 14 08:36:26.4,0.3,41.55N,29.31W, h0km, mb4.5/51, mbtmp4.5/52, ML4.4/1, MS5.1/94, Error ellipse: s-maj=10.8km s-min=8.6km az=152.0

IGL 14 08:36:27.0,4.1,32N,29.40W, h10km, mb5.2/27, Ms 2.0, 5.2/375, Msb5.4/69, Error ellipse: s-maj=14.5km s-min=13.9km az=10.0

NEIC 14 08:36:29.1,1.2,41.49N,29.33W,0.1,h10km,1km, n11, r167/114, mb4.0/4, 5C-3D, Iran-Turkmenistan border region

NEIC 14 08:36:29.4,4.1,43N,29.36W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.99; Mth=0.63; Mtt=1.63; Mtt=0.67; Mth=0.14; Mth=0.85; Fault plane solution: Mo:1.790000x10^17 NP1:331.830000, d36.980000, lambda-142.340000. NP2:36.210.180000, d68.440000, lambda-59.200000. Principal axes: T 1.9205, P1g18.0000, Azm278.0000; N -0.2977, P1g28.0000, Azm18.0000; P -1.6228, P1g56.0000, Azm160.0000

SVSA 14 08:36:30.3,1.5,41.57N,29.29W, h10km, ML4.5(NMGS), Error ellipse: s-maj=10.0km s-min=5.4km az=89.0

GCMT 14 08:36:30.1,0.1,41.64N,0.01,29.29W,0.01,h12km, Mw5.6/163, Moment Tensor Solution. s125,c209; s163,c351; Duration: 155 Moment tensor: Scale 10^17 Nm; Mr=2.02;0.03; Mth=0.09;0.03; Mtt=2.71;0.2; Mrr=0.78;1.0; Mth=0.12;0.03; Mr=0.35;0.8; Best double couple: Me2.87800x10^17 NP1:196.000000, d43.000000, lambda-69.000000. NP2:36.348.000000, d50.000000, lambda-109.000000. Principal axes: T 2.7340, P1g3.0000, Azm92.0000; N 0.2920, P1g14.0000, Azm1.0000; P -3.0210, P1g75.0000, Azm195.0000; nstai refers to body waves, cutoff=40s. nstai refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 08:36:29.0,2.4,41.66N,0.03,29.30W,0.03,h10km, n180, r209/1078, mb5.0/181, MS5.2/311, 29C-15D, Azores Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SRBC, ROSA, ROSA, PCED, PCPE, CALA, CALA, CALA, PRIB, PRIB, PMAN, PMAN, HOR, HOR, HOR, PICO.

Table listing station names and their respective schedule details including time, frequency, and location.

Table listing station names and their respective schedule details including time, frequency, and location.

Table listing station names and their respective schedule details including time, frequency, and location.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like NBAN, BELG, BELG, etc.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like GDU01, AMTX, AMTX, etc.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like Q16A, Q16A, D25K, etc.

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Table with columns for station ID (ZALV, ZQ2K, etc.), station name, frequency, power, and various performance metrics like SNR and error rates.

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Main data table with columns for station ID (IA2, MA2, ZAK, etc.), station name, frequency, power, and performance metrics.

14d 8h

Table with columns for station ID (HNS, HOPE, XAN, etc.), station name, frequency, power, and performance metrics.

INET 14 08:49:34.1 ± 1.0, 12:07N:88.28W, h15km, 18km, MW3.4
SSS 14 08:49:35.0 ± 0.9, 12:14N:88.34W, h14km, 8km, ML3.1
SNET 14 08:49:35.0 ± 0.9, 12:14N:88.34W, h14km, 8km, ML3.1
UCR 14 08:49:30.0 ± 0.9, 10:03N:84.90W, h33km, 32km, MW3.0
ISC 14 08:50:35.8 ± 1.4, 12:11N:0.07x88.24W, 0.06, h33km, n37, e055/43, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PACA Pacayal, COEB Comit de Eme, TELN Telica, etc.

UCR 14 08:50:47.5:0.9, 14.48N-95.89W, h20km, 999km
SNET 14 08:52:36.4:0.6, 12.19N-88.31W, h17km, 8km, ML3.1
INET 14 08:52:36.4:0.7, 12.11N-88.16W, h15km, 10km, MW3.4
SSS 14 08:52:36.4:0.6, 12.19N-88.31W, h17km, 8km, ML3.1
ISC 14 08:52:37.0:1.5, 12.10N-07.88-23W, h35km, n36, e094/39, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSGN Cosiguina Volc, LCND La Caada, CRIN San Cristobal, etc.

IDC 14 08:56:50.6:3.7, 6.04S-151.73E, h60km, 31km, mb2.8/2, mbtmp3.3/3, ML1.8/1, Error ellipse: s-maj=78.5km s-min=16.9km az=115.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 14 09:06:57.2:9.0, 17.01N-86.35W, h0km, mb3.2/3, mbtmp3.4/5, ML3.3/2, Error ellipse: s-maj=157.7km s-min=46.2km az=150.0, North of Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, TKL Tuckaleches C, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, ILAR Eielson Array, STKA Stephens Creek, etc.

IDC 14 09:17:50.5:62.0, 19.04S-166.07E, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=1036.0km s-min=98.9km az=74.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JZK Kikaishima, JAM Amami Oshima, JMW Minamidaito 2, etc.

IDC 14 09:29:27.6:0.6, 27.82N-130.48E, h0km, mb4.0/20, mbtmp4.1/26, ML4.0/5, MS4.1/2, Error ellipse: s-maj=16.2km s-min=12.7km az=94.0, JMA 14 09:29:30.7:0.1, 27.80N-0.5:130.6E-0.6, h67km, 2km, MD4 2/26, MV4 5/26, N PHILIPPINE BASIN, NEIC 14 09:29:30.3:2.1, 27.80N/0.05:130.53E-0.06, h14km, 5km, az=67.0, Error ellipse: s-maj=8.4km s-min=7.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTAJ Takarajima, JOKE Okinoerabujima, JOKJ Kikadaitoujima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHUJ Mitsune, SSSLB Suanglung, KRSR Kuroka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 comp=Z, 5.0nm, 0.5s, NJ2 comp=N, 51nm, 10.6s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LYN comp=Z, 350nm, 18.8s, BJT Bajitatuau, ENH Enshi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CD2 Chengdu, ULN Ulanbaatar, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, SEIT Sakonrkitarama, SRY Neyshchan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDM Murphy Dome, ILAR Eielson Array, J26L Joseph Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK Inuk, FARO Faro, FARO Faro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCES Array B, KBZ Khabaz, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKASA Malin Array Be, BRTR Keskin Array B, NB2 NORARS Subarra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, PDAR Pinedale Array, IDC 14 09:33:29.9:3.2, 55.54N-86.02E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=25.0km s-min=23.6km az=2.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOV INFR A, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ASAR Alice Springs 41.31 256 P P 09 44 43.0 +0.2
2.3nm, 0.8s, baz=90, slow=8.5, SNR=48
2.3nm, 0.5s

IDC 14 09:39:45.7.6.9, 13:147S-167.05E, h252km, 72km, mb3 1/4,
mbtmp3.6/5, Error ellipse: s-maj=61.8km s-min=34.9km
az=158.0, Vanuatu Islands

Code Station Name Az AzZ Phase ID Time Res
DZM Mont Dzumac 8.58 184 P P 09 41 47.0 +0.6
3.2nm, 0.8s, baz=69, slow=21, SNR=1.3

Code Station Name Az AzZ Phase ID Time Res
BOAB BOACCO BROADBAN 56 97 eP Pn 09 52 16.3 +0.3
1.33 309 eP Pn 09 52 17.0 0.0

AUST 14 10:08:54.2.0.9, 32:36Sx122:44E, h0km, Error ellipse:
s-maj=18.3km s-min=8.4km az=174.0
NEIC 14 10:06:55.5.1.3, 32:36S.0.122:47E, 0:08, h81km, 7km,
Error ellipse: s-maj=18.1km s-min=9.5km az=181.0

Code Station Name Az AzZ Phase ID Time Res
AUKUL Kulin High Sch 3.64 263 P P 10 09 53.5 +2.4
KLBR Kellerberrin 4.03 279 P P 10 09 57.7 +1.2

ASPA Alice Springs 13.27 53 P Pn 10 12 05.8 +2.5
baz=12
ASAR Alice Springs 13.28 53 Pn Pn 10 12 03.6 +0.3

Code Station Name Az AzZ Phase ID Time Res
WRA Warramunga Arr 16.27 44 Pn Pn 10 12 44.8 +1.0
1.6nm, 0.3s, baz=216, slow=22, SNR=5.6

SSS 14 09:51:47.3.0.6, 12:73N-87:26W, h129km, 22km, ML3.4
SNET 14 09:51:47.3.0.6, 12:73N-87:26W, h129km, 22km, ML3.4
INET 14 09:51:48.0.0.5, 12:68N-87:25W, h124km, 3km, MW3.7

Code Station Name Az AzZ Phase ID Time Res
OHH Osh 1.18 335 P Pn 10 25 58.5 +0.6
baz=33

KOMET 14 10:25:35.7.39:43N-73:43E, h10km
KRNET 14 10:25:35.8.0.1, 39:43N-73:53E, mb3.9
IDC 14 10:25:37.6.1.5, 39:37N-73:80E, h0km, mb3.6/2,
mbtmp3.5/6, ML3.2/4, Error ellipse: s-maj=28.4km
s-min=18.2km az=106.0

Code Station Name Az AzZ Phase ID Time Res
OHH Osh 1.18 335 P Pn 10 25 58.5 +0.6
OHH Osh 1.18 335 P Pn 10 25 58.5 +0.6

USP Oспенovka 3.89 11 P Pn 10 26 37.7 +2.1
baz=10.0
USP Oспенovka 3.89 11 P Pn 10 26 37.7 +2.1

Code Station Name Az AzZ Phase ID Time Res
KURBS Kurchatov Arra 11.73 16 Pn Pn 10 28 26.1 +3.1
baz=202, slow=12, SNR=1.4

KOLA 14 10:39:29.7.64:63N-30:51E, h0km, ML2.2
IDC 14 10:39:32.5.2.5, 64:75N-30:75E, h0km, mbtmp2.7/3,
ML1.9/3, Error ellipse: s-maj=38.3km s-min=8.4km
ML=101.0

Code Station Name Az AzZ Phase ID Time Res
APAO Apatity Array 2.97 20 Pn Pn 10 40 20.4 +0.1
baz=195, slow=14

Table with columns: LATG, NDT, TWE, ETLH, NNSB, NNSH, NNS, FUSB, YHNB, YHNB, NSK, NTK, ETM, FUSS, WHF, TIPB, CHGB, SX11, OWD, WUSB, WUSB. Includes station names, codes, and coordinates.

JMA 14 12:28:34.0±0.3, 24.0N±0.8, 124°E±1.1, h20km±1km, MV0.7/5, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

NAO 14 12:31:03.7±2.4, 62.24N±1.97E, ML2.6 DNK 14 12:31:04.4±0.6, 62.42N±2.84E, h15km±67km, ML2.6 BER 14 12:31:08.4±1.9, 62.17N±2.06E, h24km±10km, ML2.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Floro, Sule, Hoyanger, Askoy, Aaknes, Bergen, Lerwick, Molde, Odda, Dombas, Karmoy, Blasjo, Sornfelli, Far, NORSAR Array S, NORSAR Subarra, NORSAR Subarra, NORSAR Array B, NORSAR Array B, NORSAR Array B, NORSAR Array B.

Table with columns: SNART, BIGH, NRAO, NRAO, NRAO, HOMB, HOMB, HOMB, NSS, NSS, STRU, DRUM, DRUM, HFS, HFS, HFS, HFS, KONS, KONS, EKA, EKA, FAUS, FAUS, FAUS, LOF, LOF, LOF, STEI, STEI, STEI, FINES, FINES, FINES, ARAO, ARAO, ARAO, ARCS, KEV. Includes station names, codes, and coordinates.

SCB 14 12:59:20.3±0.9, 21.39S±68.02W, h126km±2km, ML3.2/2, MW4.2, Error ellipse: s-maj=3.5km s-min=2.9km az=0.0, Chile-Bolivia border region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

SOME 14 13:24:47.3, 39°38'N-73°57'E, h5km KRNET 14 13:24:48.4±0.1, 39°48'N-73°68'E, mb3.6 NINC 14 13:24:52.7±2.9, 39°60'N-73°56'E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=22.1km s-min=13.0km az=167.0

ISC 14 13:24:51.0±1.5, 39.40N±0.07, 73.47E±0.04, h10km, n29, @1999/53, 13C-10D, Tajikistan-Xinjiang border region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: SGDS, DGS, DGS, DGS, KK31, KK31, KK31, MTBS, MTBS, MTBS, TNS, TNS, TNS, TNS, BRLS, BRLS, KRBS, KRBS, KRBS, MDOK, MDOK, MDOK, MDOK, MDOK, KTBS, KTBS, KTBS, KTBS, CHKK, CHKK, BTLS, BTLS, BTL. Includes station names, codes, and coordinates.

JMA 14 13:31:13.0±0.1, 35°0N±0°6', 130°2E±0°2, h20km±1km, MV3.0/30, NW OFF KYUSHU KMA 14 13:31:13.6±1.4, 35°12'N±130°24'E, h12km±6km, Error ellipse: s-maj=10.6km s-min=4.4km az=151.0

ISC 14 13:31:11.9±1.3, 34.99N±0.04, 130°21E±0°03, h12km±11km, @1999/53/4, Western Honshu. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

SOME 14 13:39:29.4, 39°40'N-73°52'E, h15km NINC 14 13:39:36.2±3.3, 39°72'N-73°62'E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=25.2km s-min=14.4km az=171.0

ISC 14 13:39:38.5±2.4, 39.7N±0.1, 73.68E±0.05, h10km, n29, @1944/45, 4C-4D, Tajikistan-Xinjiang border region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like MAG1 Magdalena, BV15 Puerto Quito-O, TUMC Tumaco, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like PB09 IPOC Station P, SIV San Ignacio, MALB Monte Alegre, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like TXAR Lajitas Array, TX31 Lajitas Ar. Si, TX32 Lajitas Array, etc.

14d 16h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like T25A Trinidad, TUC Tucson, J59A Piesco, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like J04D Umpqua Nationa, FFC Flin Flon, I04A Tendick Farm, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like FYU Fort Yukon, RC01 Rabbit Creek A, WAT1 Susitna Watana, etc.

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

SOME 14 16:59:15.7, 39.30N:73.63E, h10km
NNC 14 16:59:17.6, 2.9, 39.33N:73.80E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=21.2km s-min=11.4km az=168.0

KRNET 14 16:59:18.0, 0.1, 39.59N:73.81E, mb3.1
ISC 14 16:59:17.0, 1.5, 39.38N:0.07X73.66E:0.04, h10km, n24,
e249.40, 6C-7D, Tajikistan-Xinjiang border region

Main table for the left column containing station data for various locations like Osh, Garm, Terek-Say, Uchtor, Merke, etc.

ISC 14 17:02:27.6, 1.1, 67.10N:20.77E, h0km, mbmp2.6/3,
ML2.0/3, Error ellipse: s-maj=14.6km s-min=8.2km
az=126.0

UPP 14 17:02:27.0, 1.1, 67.07N:20.93E, h1km, ML2.2, Explosion
KOLA 14 17:02:27.5, 66.94N:20.70E, h0km, ML2.4
HEL 14 17:02:28.0, 1.1, 67.07N:20.92E, h0km, ML2.0,
ML2.2(UPP), Explosion

ISC 14 17:02:27.5, 0.7, 67.07N:0.02:20.92E:0.02, h0km, n47,
e1172.72, Sweden

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like Dundret, Ertisjaerv, Pajala, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like Tornio, Hetta, Lilltraesk, etc.

ISC 14 17:06:37.5, 0.9, 56.99N:25.23W, h0km, mb4.2/7,
mbmp4.2/8, ML4.0/1, Error ellipse: s-maj=31.6km
s-min=19.1km az=73.0

NEIC 14 17:06:45.5, 1.3, 57.2S:0.1, 2.5W:0.2, h62km, 8km,
mb4.5/30, Error ellipse: s-maj=19.6km s-min=15.0km
az=51.0

ISC 14 17:06:42.6, 0.7, 57.14S:0.08:25.4W:0.1, h35km, n51,
e154.49, mb4.5/19, South Sandwich Islands region

Main table for the middle column containing station data for various locations like Hope Point, Orcadas, Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like Boa Vista, Torodi Arr, etc.

NEIC 14 17:08:31.2, 2.0, 24.31S:0.07:67.3W:0.1, h191km, 11km,
mb4.0/6, Error ellipse: s-maj=14.6km s-min=9.5km
az=93.0

GUC 14 17:08:32.1, 0.7, 24.29S:67.28W, h198km, 7km, ML4.2
IDC 14 17:08:34.2, 1.2, 23.81S:67.08W, h196km, 15km, mb3.5/2,
mbmp3.8/8, Error ellipse: s-maj=21.9km s-min=19.7km
az=148.0

ISC 14 17:08:30.4, 0.7, 24.24S:0.05:67.16W:0.08, h188km, 8km,
n63, e161/72, mb4.0/5, 11C-2D, Chile-Argentina border region

Main table for the right column containing station data for various locations like San Pedro de A, Limon Verde, IPOC Station P, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TWC, NDS, ENA, TWE, EGS, NTC, FUSB, SXH, SX1, YOJ.

MOS 14 17:18:16.5-1.1, 31.72N-50.89E, h18km, mb5.1/21, Error ellipse: s-maj=5.7km s-min=3.8km az=112.6

TEH 14 17:18:16.5, 31.88N-50.96E, h8km, ML4.4, BUJ 14 17:18:16.0-0.0, 31.80N-50.90E, h5km, mb4.6/47, mb4.8/30, Ms4.4/16, Ms7.3/9/17

NEIC 14 17:18:17.1-1.1, 31.76N-0.04-0.04, h10km, mb4.7/137, mb_Lg4.3(TEH), Error ellipse: s-maj=8.7km s-min=6.7km az=106.0

IDC 14 17:18:18.9-2.7, 31.72N-50.91E, h20km, 17km, mb4.4/27, mbmlp4.5/37, ML4.8, MS3.6/39, Error ellipse: s-maj=12.2km s-min=10.1km az=166.0

DSN 14 17:18:19.2-0.6, 31.64N-50.94E, h10km, ML4.4/11, Error ellipse: s-maj=12.3km s-min=5.0km az=40.0

OMAN 14 17:18:20.7-0.1, 31.58N-50.89E, h10km, mb4.9/21, ms3.9/4, Error ellipse: s-maj=1.9km s-min=1.6km az=306.0

ISC 14 17:18:16.6-0.7, 31.79N-0.03-0.03, h5km, n753, s1963/780, mb4.8/176, MS3.6/48, 33C-34D, Northern and central Iran

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations and their coordinates.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations and their coordinates.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations and their coordinates.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like MOTA Moosalm, FETA Feichten, RETA Reutte, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like ODD1 Odda, TBLU Troelheim, TAM Tamrassett, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like HHC, SPB2 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

Table of station data for stations 755-968, including station name, frequency, location, and other details.

Table of station data for stations 969-1200, including station name, frequency, location, and other details.

Technical information for station IDC 14 17:22:13.2.6.7.23.95Sx178.87E, h0km, mb3.4/3, mbtm3.4/3, MS3.1/2, Error ellipse: s-maj=296.9km s-min=42.9km az=151.0, South of Fiji Islands

Technical information for station NIED 14 17:29:02.4, 36.73N:135.25E, h21km, MW3.3, Moment Tensor Solution. s3 Moment tensor. Scale 10^14 Nm; Mn:0.38; M0:0.71; M0:1.09; M0:0.54; M0:0.33; M0:0.19;

Table of station data for stations 1201-1400, including station name, frequency, location, and other details.

Table of station data for stations 1401-1650, including station name, frequency, location, and other details.

Technical information for station IDC 14 17:59:32.5. 1.6.8.09S:126.97E, h0km, mb4.0/2, mbtmp4.0/4, ML4.2/2, Error ellipse: s-maj=243.1km s-min=29.9km az=63.0

Table of station data for stations 1651-1850, including station name, frequency, location, and other details.

Technical information for station SKHL 14 18:01:46.7x0.6, 46.10N:141.60E, h8km, 2km, mb4.0/2 JMA 14 18:01:46.0x0.3, 46.1N:141.6E, h18km, 3km, MV2.9/2B, SOUTH SAKHALIN

Table of station data for stations 1851-2000, including station name, frequency, location, and other details.

Technical information for station IDC 14 18:06:58.0x0.6, 36.28N:21.81E, h0km, mb4.0/2, mbtmp4.0/3, ML3.4/11, MS3.3/16, Error ellipse:

s-maj=14.2km s-min=12.2km az=169.0
TIR 14 18:06:59.6,36.35N,21.29E,h17km,56km,MM.4
PDG 14 18:07:00.0,0.9,36.14N,21.60E,h14km,2km,ML.4/1/0,
Error ellipse: s-maj=2.1km s-min=2.0km az=90.0
MOS 14 18:07:00.9,1.4,36.20N,21.75E,h33km,m0.4/1/5,Error
ellipse: s-maj=7.4km s-min=4.1km az=72.1
NEIC 14 18:07:01.9,2.3,36.19N,0.07,21.76E,0.08,h26km,7km,
m0.4/1/8,ML.3/7(THE),Error ellipse: s-maj=10.9km
s-min=7.5km az=220.0

ATH 14 18:07:02.1,36.24N,21.74E,h26km,3km,ML.3/9.5,Error
ellipse: s-maj=5.3km s-min=1.5km az=37.0
MED_RC 14 18:07:03.0,0.6,36.11N,21.60E,h20km,2km,MW.4/3/10,
Moment Tensor Solution,Mantle waves: s10,c13;
Duration: 1s0 Moment tensor: Scale 10^19Nm;
Mn:3.25E+88; Mw:2.97E+82; Ms:0.28E+84; Mo:0.77E+86;
Mw:1.61E+19; Mw:0.28E+34; Best double couple:
Ms:3.580000E+105 NP1:1.114.000000,0.852.000000,
.788.000000 NP2:2.296.000000,0.838.000000,0.92.000000
Principal axes: T 3.3500,Plg83.0000,Azm13.0000; N
0.4700,Plg1.0000,Azm115.0000; P -3.8200,Plg7.0000,
Azm205.0000; nsta1 refers to body waves. nsta2 refers
to surface waves. cutoff=3fs.

THE 14 18:07:03.9,36.31N,21.84E,h2km,16km,ML.3/7/3 Error
ellipse: s-maj=16.4km s-min=0.7km az=228.0
GII 14 18:07:12.4,1.2,35.15N,22.26E,h60km
ISC 14 18:07:02.3,1.1,36.23N,0.03,21.74E,0.03,h31km,7km,
n274,c287/326,m0.4/2/1,M.3.3/11,21C-18D,Southern
Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Contains station data for stations like PYLOS, ITHOMI, KYTHIRA, etc.

Main station list table with columns: Station Name, Az, Phase, ID, Time, Res. Lists stations like MMB, KKB, RDO, ALN, etc.

Continuation of station list table with columns: Station Name, Az, Phase, ID, Time, Res. Lists stations like ASF, WTTA, WATA, etc.

14d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LHMI, KMSI, SANI, MORW, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CHTO, WAMI, QAD, QIS, etc.

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

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like GOMU, TIY, JNU, and KBL.

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like SOMM, ULN, MDJ, and WSAR.

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like MAKZ, USP, SGDS, and KURK.

Table with multiple columns: Station Name, Frequency, Mode, Power, Direction, and other technical data. Includes stations like Wnda, AB31 Akbulak array, SBA Scott Base, etc.

Table with multiple columns: Station Name, Frequency, Mode, Power, Direction, and other technical data. Includes stations like MARD, ZEI Tsey, LBTB Lobatse, etc.

Table with multiple columns: Station Name, Frequency, Mode, Power, Direction, and other technical data. Includes stations like SNAI Sanae, PRGR Permogore, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like MNK, BURAR, LIT, LVZ, NACGM, BLK, APA, GZR, LUV, NIKH, HERR, VSU, MDRV, BZS, UZH, SIR, KOLS, FINE, MORH, ARCES, KOVH, PPT, VRAC, CLL, NOA, L19K, N19K, J20K, G21K, S11, Q19K, H21K, M20K, F22K, P19K, I21K, D23K, H22K, H22K, T22K, TOLK, G23K, H23K, CUT, I23K, F24K, D25K, H24K, I24K, I24K, Q23K, SCRK, I26K, J26L, N25K, M26K, B26R, T26R, TOR, T26R, B26R, CTG, I29M, INK, INK, INK, YUK4, M30M, A36M, N30M, H30M.

Table with columns for call sign, name, frequency, power, and status. Includes stations like P30M, O30N, PLBC, WHY, C36M, SIT, P32M, P33M, ERG, CRAIG, WRAK, DLBC, T35M, YKA, YKA, YKA, J03D, H04D, H04D, L02F, I04A, J04D, I05D, I05D, K04D, J05D, LL02, NEW, WACA, PLCA, FFC, FFC, NVAR, NVAR, PKM, HLM, EGMT, ISA, BWC, BWC, EDW, BFSC, R11A, TPNV, GSC, HEC, RLMT, 109C, TUQ, PFO, PFO, TPFO, DUG, GMRC, BELC, MONP, LAO, IKP, SWSC, BC3, IRM, PDAR, PDAR, PDMC, ULM, K22A, MDND, RWWY, O20A, WUAZ, RSSD, RSSD, 214A, VASO, AGIM, N23A, MVCO, W18A, TUC, ISCO, S22A, EYMN, SDCO, OGN, NBLA, DIAM.

Table with columns for call sign, name, frequency, power, and status. Includes stations like ANMO, ANMO, 121A, 121A, T25A, ECSD, ECSD, KSCO, CPUP, CPUP, IPMB, MSTX, MSTX, SCIA, I42A, I42A, AMTX, AMTX, PJF, JFWS, JFWS, JFWS, KSU1, KSU1, KSU1, GLMI, L40A, L40A, TRQ, N38A, N38A, U32A, F64A, F64A, F64A, SDBA, F63A, F63A, F63A, BDFB, BDFB, K43A, K43A, L42A, TX31, TX32, TX32, G65A, G65A, P38A, PKME, PKME, G62A, G62A, L44A, L44A, J47A, J47A, T35B, WMOK, WMOK, EMMW, BMNY, LONY, WVL, P40A, H62A, H62A, M44A, M44A, OK030, ABTX, HDIL, HDIL, LBHN, LBHN, WCNV, K50A, K50A, I63A, I63A, NCBV, NCBV, I62A, I62A, TUL1, TUL1, L48A, L48A, S39A, S39A, R40A, R40A, J57A.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like J57A, LVC, L44C, P43A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ACSO, 435B, KSCT, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TZTN, S57A, R58B, etc.

ISK 14 18:33:26.2, 35:49N-26:90E, h11km, ML2.8/15
THE 14 18:33:28.5, 35:54N-26:89E, h1km, ML2.4/3, Error
ellipse: s-maj=3.8km s-min=0.7km az=143.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZKR, STIA, FRMA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ASYL, AKAS, CAME, CAEL, etc.

IDC 14 18:42:00.1±1.8,49.38N;156.62E,h0km,mb3.4/3, mbtmp3.4/4,ML2.3/1,Error ellipse: s-maj=64.3km s-min=29.9km az=144.0

MOS 14 18:42:09.1±1.2,49.71N;156.68E,h74km,mb4.4/1,Error ellipse: s-maj=32.1km s-min=5.7km az=77.9

KRSC 14 18:42:13.1±1.2,50.09N;156.80E,h64km,mb2km,ML4.0

ISC 14 18:42:11.4±1.5,49.93N;156.62E;0.1,h80km,14km,n46, +1939/57,mb3.3/3,Kuril Islands

Main station list table for the left column, including stations like SKR, PAU, KDR, etc.

ROM 14 18:57:11.6±0.1,43.108N;0.004;12.652E;0.005, h10km,ML1.4/5,3C,Error ellipse: s-maj=0.4km s-min=0.4km az=230.0,Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ASSB, ATCC, MURB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ATTE, ATTE, Esanatoglia, etc.

TIR 14 18:57:55.0,42.61N;18.26E,h0km,2km,ML3.0

PDG 14 18:57:56.0,42.66N;18.25E,h3km,MD2.6/4,ML2.5/12,Error ellipse: s-maj=0.2km s-min=0.2km az=0.0

RHSSO 14 18:57:57.0,42.63N;18.26E,h3km,1km,ML2.7/15

BEO 14 18:57:57.0,42.60N;18.21E,h3km,1km,ML2.6/14

ISC 14 18:57:56.9,0.4,42.64N;18.25E;0.01,h5km,7km,n76,+e092/134,15C-12D,Northeastern Balkan Peninsula

Main station list table for the middle column, including stations like DBRK, DBRK, TREB, etc.

BCI comp=N,1.0nm,0.3s,baz=99 AMP

TIR comp=E,0.2nm,0.4s,baz=157 AMP

PHP Peshkopia 1.89 120 P Pb 18 58 31.2 -0.6

PHP baz=118 S Sg 18 58 58.4 +0.9

PHP comp=N,0.4nm,0.5s,baz=118 AMP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like DIVS, DIVS, Divibare, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like FRGS, FRGS, Prvonek, etc.

TUL 14 19:07:50.8;1.7,35.96N;0.019;723W;0.01,h5km,6km,ML2.7,mb,Lg3/18(NEIC),Error ellipse: s-maj=1.6km s-min=1.4km az=158.0

NEIC 14 19:07:50.8;1.1,35.933N;0.010;9724W;0.01,h10km,6km,Error ellipse: s-maj=1.5km s-min=1.4km az=133.0, Oklahoma

Main station list table for the right column, including stations like OK029, OK031, OK030, etc.

VAO 14 19:18:34.6;0.4,6.13S;50.56W,h0km,mbR3.5,Brazil

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PRPB, SMTB, SMTB, etc.

TAP 14 19:19:39.2,24.70N,-121.94E,h61km,ML2.5,B,Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like TWC, TWC, EGS, etc.

14d 20h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like TIBP Shuangxi, EWUT Wuta, TWB1 Santiao Chiao, etc.

2016 JUL

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ALS Alishan, JMA 14 19:02:13.9, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like JOW Kunigami, KRSR Korea Array, GUMS Guam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EI Cabril, Gavieira, Arco, Lobios, Moncorvo, Adamuz, Braganca, Calabor, Agolada, Oukaimeden, Sonseca Array, Stephens Creek, WAKE ISLAND, Makanchi Array, etc.

SJA 14 21:25:04.8-0.7, 19:58S:64.19W, h700km, 63km, ML5.0, MW4.5
SCB 14 21:25:06.3-0.9, 19:50S:64.24W, h634km, 63km, ML5.1/3, Error ellipse: s-maj=5.2km s-min=4.5km az=1.0
MOS 14 21:25:16.1-1.1, 19:40S:63.86W, h593km, mb4.9/5, Error ellipse: s-maj=11.3km s-min=6.9km az=106.3
IDC 14 21:25:16.9-0.6, 19:48S:63.89W, h595km, 5km, mb4.4/19,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MOCB Mochara, Yavi, Humahuaca, La Paz, Chumizta, IPOC Station, etc.

CPUP comp=E, 3.7nm, 0.8s, baz=355, slow=5.4, SNR=3.0
CPUP comp=E, 3.7nm, 0.8s, baz=355, slow=5.4, SNR=3.0
CPUP comp=E, 3.7nm, 0.8s, baz=355, slow=5.4, SNR=3.0
CPUP comp=E, 3.7nm, 0.8s, baz=355, slow=5.4, SNR=3.0

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like ETMB Extrema, G003 Copiap, PDRB Porto dos Gac, SAMBL Samuel, SAMLL Samuel, AC04 Llanos de Chal, LCO Las Campanas, LCO Las Campanas, CLDB Colider, etc.

ROSC comp=E, 2.0nm, 0.6s, baz=326, slow=9.3, SNR=4.5
ROSC comp=E, 2.0nm, 0.6s, baz=326, slow=9.3, SNR=4.5
ROSC comp=E, 2.0nm, 0.6s, baz=326, slow=9.3, SNR=4.5
ROSC comp=E, 2.0nm, 0.6s, baz=326, slow=9.3, SNR=4.5

Table of radio stations with columns: Call letters (e.g., YOTC, ANIL, NBLA), Frequency (e.g., 26.27, 26.31, 26.57), Modulation (e.g., 331 eP, 333 eP), and other parameters (e.g., 21 30 05.2 -1.3).

Table of radio stations with columns: Call letters (e.g., GRTK, MTO3, MTO3), Frequency (e.g., 41.30, 41.91), Modulation (e.g., 350 P, 321 P), and other parameters (e.g., 21 32 12.0 +0.3).

Table of radio stations with columns: Call letters (e.g., KMSC, 344A, 344A), Frequency (e.g., 56.73, 56.75), Modulation (e.g., 343 P, 333 I), and other parameters (e.g., 21 34 05.6 +0.7).

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other parameters. Includes stations like 241A Richland Creek, 554A Dingess, Beckl, 435B Jarrell, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other parameters. Includes stations like PARMO Parma, LCAR Lake Charles, WSPT Westport, CT, Q51A Peebles, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other parameters. Includes stations like HRV comp=Z,110nm,0.8s, Adam Dzewiowski, HRV comp=Z,111nm,0.8s, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MMNV Mt. Morris Dam, OK025 Westminster Rd, WMOK Wichita Mounta, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like P40A comp=Z,91nm,1.2s Paris, GGN Saint George, G65A Princeton, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H5IG Anamosa, L40A Anamosa, D62A Anaposa, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like Cave Junction, Phinny Hill Vi, Newport, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like KPL Plockton, YKA Yellowknife, TETE Tete, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like AKASG Malin Array Be, AKASG, FINES FINESSE Array B, N19K Bonanza Creek, etc.

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

NEIC 14 21:29:34.9:1.6, 10.03S:0.09:119.19E:0.08, h62km, 8km, mb4.5/27, Error ellipse: s-maj=12.8km s-min=10.5km az=203.0

DJA 14 21:29:34.6:0.6, 10.2S:2.11E:9E, h34km, 10km, M4.6/26, mb4.9/21, mb5.0/10, MLV4.8/26, Mw(mbE)4.4/10

ISC 14 21:29:37.4:0.9, 9.62S:118.71E, h63km, 6km, mb3.9/13, mbmp4.3/14, M3.5/22, Error ellipse: s-maj=23.6km s-min=14.0km az=67.0

ISC 14 21:29:38.4:0.9, 9.98S:119.21E:0.05, h50km, n130, s160/112, mb4.4/29, MS3.6/21, Sumba region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB, WB2, WRO, DAV, etc.

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

14d 22h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like FLN, LOR, ORIF, LPGA.

MAN 14 21:35:23.4, 67N, 126.07E, h59km, Ms3.7
IDC 14 21:35:25.6, 1.2, 4.84N, 125.78E, h12.4km, 9km, mb3.9/19,
mbmp4.3/21, Error ellipse: s-maj=22.1km s-min=9.9km
az=81.0

NEIC 14 21:35:26.0, 1.8, 4.81N, 0.06, 126.10E, 0.08, h112km, 7km,
mb4.6/79, Error ellipse: s-maj=12.4km s-min=8.4km
az=75.0

DJA 14 21:35:27.0, 2.0, 4.5, N, 4, 12, 76E, h105km, 6km, M4.5/15,
mb4.6/14, mb5.0/7, MLV4.7/15, MW(m)B4.3/7

ISC 14 21:35:25.7, 0.7, 4.80N, 0.04, 125.96E, 0.05, h123km, 6km,
n168, s194/181, mb4.4/54, 6C-4D, Talau Islands

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists numerous stations like SGSI, DDMP, GSPH, etc.

2016 JUL

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists numerous stations like JMN, WPKA, JHS, etc.

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Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists numerous stations like VVDA, VVDA, FID, etc.

Table listing stations (DBIC, KIC, VNA3, etc.) with columns for station name, coordinates, and various parameters.

Table listing stations (UCR 15:01:42:41.5-0.8, INET 15:01:42:44.2-0.7, etc.) with columns for station name, coordinates, and various parameters.

Table listing stations (S39A, WRA Warramunga Arr, ASAR Alice Springs, etc.) with columns for station name, coordinates, and various parameters.

Table listing stations (WRA Warramunga Arr, KNRA Kintunura, etc.) with columns for station name, coordinates, and various parameters.

Table listing stations (WRA Warramunga Arr, FINES FINESS Array B, etc.) with columns for station name, coordinates, and various parameters.

Table listing stations (WRA Warramunga Arr, RSCN Rio Macho, etc.) with columns for station name, coordinates, and various parameters.

15d 4h

IDC 15 03:11:20.0.2.2.23.98N-122.26E, h0km, mb3.7/3, mbmp3.7/3, MS3.3/2, Error ellipse: s-maj=157.7km s-min=28.8km az=65.0

JMA 15 03:11:23.9.0.1.24.6N:0.7:122.1E:0.3, h40km, 3km, MV3.5/1.1, TAIWAN REGION

TAP 15 03:11:23.4.0.0.0N:122.35E, h24km, ML3.7, D

ISC 15 03:11:22.9.1.1.24.01N:0.02:122.32E:0.02, h20km, 5km, n108, e084/170, mb3.5/3, Taiwan region

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

2016 JUL

Main table with columns: WPL, NFF, SSSL, WHP, WCS, YMO1, YMO1, YMO1, IRIF, YMO8, LIOB, LIOB, HATJ, NSTT, TWS1, YUS, YUS, NCU, NCUH, TWY, SBCB, WJS, WJS, ALS, NSY, NSY, NMLH, NMLH, WNT, WTC, TCU, LDUT, JKRJ, WDJ, WCHH, WCHH, PCYT, STYH, STYH, WDLH, WDLH, WDLH, JIJ, TPUB, TPUB, TPUB, WTP, WTP, WRL, WRL, WTK, WTK, CHN1, CHN1, CHN1, SGST, JISG, JISG, SSD, SSD, MASBT, MASBT, TAWH, JTJ, JTJ, SCZT, SCZT, SCZT, TWK1, WDGJ, WDGJ, WDGJ, PHUB, PHUB, PNG, PNG, VCHM, VCHM, VVWC, MATB, XPSS, MHZO, AXDP, SONM, SONM, MKAR, WRA. Lists seismic events with details like time, magnitude, and location.

776

0.7nm,1.1s HFS Hagfors 78.22 331 LR LR 04 01 52.0

SOME 15 03:24:58.5.40.85N-71.18E, h10km NNC 15 03:24:58.9.1.9.40.84N-71.18E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=15.3km s-min=5.8km az=12.0

KRNET 15 03:24:58.1.1.40.87N-71.18E, h14km, mb3.3

ISU 15 03:24:59.7.40.88N-71.19E, h5km

ISC 15 03:24:58.8.1.0.40.87N:0.02:71.21E:0.02, h16km, 9km, n41, e165/71, 17C-5D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their data points, including event details like magnitude and location.

15d 6h

2026 JUL

GUC 15 05:01:50.2,0.7,31.75S:71.95W,h32km,3m,ML3.9
ISC 15 05:01:47.0,3.2,31.75S:0.03:72.14W,0.07,h6km,21km,
n48,-c136/1,mb4.1/3,Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Combarbal, Fray Jorge, Torpederas, Curacav, Peldehue, etc.

IDC 15 05:05:08.7,1.5,38.26S:74.03W,h0km,mb3.5/3,
mbtmp3.4/4,ML3.0/1,MS3.0/1,Error ellipse: s-maj=52.8km
s-min=16.3km az=54.0

NEIC 15 05:05:08.1,5,37.93S:0.04:73.8W,0.1,h10km,2km,
mb4.3/2,ML4.0(GUC),Error ellipse: s-maj=18.6km
s-min=6.8km az=267.0

GUC 15 05:05:09.4,1.5,37.91S:0.03:73.60W,0.07,h12km,10km,
n48,-c98/59,mb3.8/4,1C-2D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Puerto Saavedr, San Pedro de C, Punta Hualpin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Universidad A, Milladeo Hill, Peldehue, etc.

IDC 15 05:05:41.8,2.5,10.85S:-122.93E,h0km,mb3.7/1,
mbtmp3.5/3,ML3.4/2,MS3.6/1,Error ellipse:
s-maj=207.8km s-min=33.3km az=51.0,Savu Sea

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

IDC 15 05:24:46.9,3.2,0.01N:-17.80W,h0km,mb4.0/4,
mbtmp4.2/6,ML4.3/2,MS3.6/49,Error ellipse:
s-maj=139.9km s-min=20.3km az=157.0

NEIC 15 05:24:47.4,1.2,0.03N:0.07:18.0W,0.1,h10km,2km,
mb4.4/10,Error ellipse: s-maj=20.1km s-min=12.5km
az=270.0

ISC 15 05:24:49.0,0.7,0.04N:0.09:17.94W,0.08,h23km,n71,
r1940/23,mb4.3/8,MS3.6/43,3C,North of Ascension Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMBO Kilima Mbo, EKA Eskdalemuir Arr, ROSC El Rosal, etc.

IDC 15 05:30:17.2,3.6,54.58N:87.19E,h0km,mbtmp3.0/2,
ML2.7/2,Error ellipse: s-maj=33.1km s-min=21.9km
az=38.0,Southwest Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H46RU ZALESOV INFR, ZALV Zalesov Beam, etc.

IDC 15 05:32:21.6,4.4,53.63N:88.13E,h0km,mbtmp2.9/2,
ML2.7/2,Error ellipse: s-maj=49.4km s-min=24.0km
az=76.0,Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H46RU ZALESOV INFR, ZALV Zalesov Beam, etc.

NIED 15 06:05:51.5,33.62N:140.56E,h48km,MLW3.7, Moment
Tensor solution, s3 Moment tensor: Scale 10^14Nm;

JMA 15 06:05:51.5,33.62N:140.56E,0.7,h48km,3km,
MV4.0/31,E OFF HACHUJIMA ISLAND

IDC 15 06:05:53.0,2.9,33.48N:140.37E,h63km,19km,mb3.6/4,
mbtmp3.9/5,MS2.2/2,Error ellipse: s-maj=54.7km
s-min=19.0km az=83.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, JHJ3 Mitsune, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS Korea Array, H11N1 WAKE ISLAND, H11N2 WAKE ISLAND, etc.

IDC 15 06:13:30.2-0.3, 34°52'N-106°47'E, h0km, mbmt2.8/2, ML2.4/2, Error ellipse: s-maj=24.5km s-min=14.7km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 15 06:13:49.5-0.5, 34°50'S-179°61'W, h0km, mb4.0/2, mbmt4.0/2, Error ellipse: s-maj=235.5km s-min=60.0km az=164.0, South of Kermadec Islands

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

MEX 15 06:20:35.0-0.5, 29°19'N-113°52'W, h7km, g99km, MD3.1, ECX 15 06:20:34.0-0.5, 29°02'N-113°22'W, h10km, g109km, MD2.9, ML3.2, 2C-1D, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BAHB Baha de los, LAPR La Primavera, SRIG Santa Rosalia, etc.

TUL 15 06:39:25.0-0.3, 36°72'N-101°98'73W, h0.2, h6km, 3km, ML2.8, mb_Lg2.4/2(NEIC), Error ellipse: s-maj=2.5km s-min=1.9km az=117.0

NEIC 15 06:39:26.0-0.1, 36°71'N-100°05'98.72W, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=88.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK035 E0210 Rd and N, NOKA Waynoka, U32A Winter Ranch, etc.

IDC 15 06:42:02.0-0.4, 9°33'N-70°66'W, h0km, mb4.4/26, mbmt4.4/29, ML4.3/3, MS3.7/33, Error ellipse: s-maj=15.7km s-min=10.3km az=74.0

VAO 15 06:42:04.0-0.3, 9°36'N-70°69'W, h10km, mb4.9, NEIC 15 06:42:05.2-1.8, 9°35'N-0°06'70'67W, h10km, 1km, mb4.7/67, MW4.1(CAR), Error ellipse: s-maj=10.6km s-min=9.9km az=235.0

CAR 15 06:42:06.3-1.8, 9°35'N-0°06'70'69W, h0km, 4km, Error ellipse: s-maj=8.8km s-min=8.0km az=49.0

FUNV 15 06:42:06.7, 9°35'N-70°69'W, h5km, MW4.5, ISC 15 06:42:04.9-1.0, 9°32'N-0°03'70'67W, h14km, 6km, n310, t1921/319, mb4.6/55, MS3.7/29, 3C-3D, Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SDV Santo Domingo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOCV Socops, SANV Sanarito, SIOV Siquisique, etc.

ROSC 22m, 0.3s, baz=143, slow=20, SNR=4.1, ROSC 21m, 18.6s, baz=26, slow=40

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ROSC El Rosal, DBBC Dabeiba, PRGV PARIAGUAN, etc.

SJG 8.5m, 0.3s, baz=23, slow=17, SNR=4.5, SJG comp=Z, 224m, 18.7s, baz=241, slow=41, 24m, 0.4s

SJG San Juan, CRUC La Cruz, EMPP Esperanza - Ma, GCPR Guaynabo City, SVB Belmont, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SVB Belmont, SCV1 Santiago de los Caballeros, CDVI St. Croix, etc.

MDP 15 06:42:02.0-0.1, 36°71'N-100°05'98.72W, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=88.0, Oklahoma

MDP 15 06:42:02.0-0.1, 36°71'N-100°05'98.72W, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=88.0, Oklahoma

MDP 15 06:42:02.0-0.1, 36°71'N-100°05'98.72W, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=88.0, Oklahoma

MDP 15 06:42:02.0-0.1, 36°71'N-100°05'98.72W, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=88.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTO3 Montecristo, ETMB Extrema, ETMB Extrema, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DWPF comp=Z, 389m, 0.8s, NNA Nana, NNA Nana, etc.

LPZ comp=Z, 389m, 19.0s, baz=334, slow=38, LPZ comp=Z, 6.6m, 0.8s, baz=305, slow=4.2, SNR=22

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPZ La Paz, LPZ La Paz, PRPB Parauapebas, etc.

GO01 28.8m, 177 P, Chuzmiza 28.84 177 P, IAMB 06 48 02.4 -1.2

GO01 28.8m, 177 P, Chuzmiza 28.84 177 P, IAMB 06 48 02.4 -1.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GO01 Chuzmiza, SALV Santo Antonio, BLA Blacksburg, etc.

LVC 15 06:39:25.0-0.3, 36°72'N-101°98'73W, h0.2, h6km, 3km, ML2.8, mb_Lg2.4/2(NEIC), Error ellipse: s-maj=2.5km s-min=1.9km az=117.0

LVC 15 06:39:26.0-0.1, 36°71'N-100°05'98.72W, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=88.0, Oklahoma

LVC 15 06:39:26.0-0.1, 36°71'N-100°05'98.72W, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=88.0, Oklahoma

LVC 15 06:39:26.0-0.1, 36°71'N-100°05'98.72W, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=88.0, Oklahoma

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

Table of station data for the left column, including call signs (e.g., BB19B, L40A), frequencies, and other technical details.

Table of station data for the middle column, including call signs (e.g., PMSA, ILAR, KEST), frequencies, and other technical details.

Table of station data for the right column, including call signs (e.g., TGUH, CCIG, CRIN), frequencies, and other technical details.

Table with columns: BOAV, Boa Vista, 20.72 81 P P, 07 37 13.2 +0.8, 07 37 19.8, 07 37 12.0 -0.3, 07 37 14.8 +0.3, 07 37 16.3, 07 37 25.7 -0.4, 07 37 27.4 -0.6, 07 37 43.6, 07 37 27.8 -0.2, 07 37 32.5 -0.7, 07 37 45.4 -1.0, 07 37 57.8, 07 37 45.4 -1.0, 07 37 47.2 +0.3, 07 38 24.1, 07 37 55.8 +1.8, 07 37 59.8 -0.8, 07 38 18.8 -0.1, 07 37 05.4 -0.5, 07 38 08.3, 07 38 05.4 -0.5, 07 38 07.0 -1.2, 07 38 08.3 -0.7, 07 38 11.2 -0.8, 07 38 12.6 -1.6, 07 38 18.8 -0.1, 07 38 53.7 -0.7, 07 38 53.0 -2.0, 07 39 18.0 +0.1, 07 39 30.8 +0.4, 07 39 30.8 -0.7, 07 39 36.2 -1.4, 07 40 07.9 +0.5, 07 40 10.7, 07 40 10.9 +1.0, 07 40 13.4, 07 40 29.6 +0.6, 07 40 43.9 +0.8, 07 40 50.4, 07 40 58.6 +0.2, 07 41 36.2

TUL 15 08:11:02.3.0.3, 36.28N, 0.01:97.57W, 0.01, h5km, 4km, ML2.6, mb, Lg2.30(NEIC), Error ellipse: s-maj=2.0km s-min=0.4km az=214.0

ANF 15 08:11:02.5.0.4, 36.25N, 97.53W, h5km, ML2.7/6, Error ellipse: s-maj=4.5km s-min=3.4km az=125.0

NEIC 15 08:11:03.0.0.2, 36.27N, 0.01:97.57W, 0.01, h4km, 4km, Error ellipse: s-maj=2.0km s-min=0.4km az=215.0

ISC 15 08:11:02.6.0.8, 36.27N, 0.02:97.57W, 0.03, h10km, n46, 0.0511/35, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like CROK, BLOK, BKOK, BKOC, GCO2, OK031, QUOK, OK030, KAN13, KAN14, OKCFA, OKCFA, OKCFA, KAN05, OKCWS, OK038, DEOK, KAN05, FNO, T35A, T35B, T35B, CSTR, NOKA, U32A, U32A, TUL1, TUL1, ELIS, WMOK, WMOK, WMOK, LOOK, R32A, X37A, CBKS, AMTX, S39A, MIAR, MIAR, ABTX, MGMO, WLAR, KSCO, LCAR, CCM, FVM, JCT, N23A

DJA 15 08:18:26.3.0.3, 4.5S, 136E, h40km, g2km, M3.9/7, mb4.2/4, mB5.1/1, MLV3.8/7, Mw(mb)4.5/1, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like SRPI, BAKI, FAKI, SMPI, SWI

CNRM 15 08:22:55.5, 35.81N, 4.84W, h7km, ml2.4, MDD 15 08:22:56.2, 1.3, 35.97N, 4.57W, h7km, 14km, Mb2.8/6, Error ellipse: s-maj=13.2km s-min=6.8km az=2.0

INMG 15 08:22:57.2, 1.3, 35.98N, 4.68W, h35km, ML1.9, Error ellipse: s-maj=8.8km s-min=6.0km az=154.0

ISC 15 08:22:54.7, 1.3, 35.97N, 0.03:4.60W, 0.04, h81km, 11km, n23, 0.1920/41, 9C, Station of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like EMIJ, Mijas, EMIJ, Smir Dam, ELGU, Los Guajares, ELGU, Adamuz, EADA, JBK, EMIN, Mina Concepcio, EMIN, EGRO, EI Granado, EGRO, Vaqueiros, PVAQ, Barrancos, PBDV, Barranco-Do-ve, ZHG, MD31, PCVE, Castro Verde, EBAD, Badajoz, EBAD, Messejana, MORF, Marmeleite, PFVI, Vila Bisbo, PESTR, Estremoz, PNCL, Nicoula / Gran, PMRV, Marv??o, PMSG, Montargil, PSBE, Bo Bento

IDC 15 08:45:22.1, 3.0, 54.24N, 87.23E, h0km, mbmp2.8/2, ML2.5/2, Error ellipse: s-maj=23.7km s-min=16.5km az=64.0

NNC 15 08:45:23.0, 1.5, 54.12N, 87.17E, h0km, mb3.1, mpv2.9, Error ellipse: s-maj=12.9km s-min=8.3km az=18.0, Suspected Mining explosion.

ISC 15 08:45:23.6, 4.5, 54.22N, 0.02:87.0E, 0.2, h0km, n8, 0.0848/13, 5C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU, ZALESOVO INFRA, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, KURB, KURB, KURBB, KURBB, KURBB, KURBB, MK31, MK31, MKAR, MKAR, MKAR

IDC 15 08:54:54.7, 2.6, 53.89N, 86.52E, h0km, mbmp3.0/2, ML2.9/2, Error ellipse: s-maj=22.7km s-min=13.3km az=57.0

ISC 15 08:54:48.4, 4.8, 54.53N, 0.2:87.1E, 0.2, h10km, n8, 0.1930/5, 2C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU, ZALESOVO INFRA, ZALV, ZALV, KURK, KURK, KURB, KURB, KURBB, KURBB

MKAR Makanchi Array 8.25 203 Pn Pn 08 56 48.0 -0.1

BVAO Borovoye Array 9.98 268 Pg Pg 08 57 33.7 +2.2

OTUK Ortayu 11.10 242 Pn Pn 08 57 28.4 +1.3

BUC 15 09:06:15.2, 0.2, 46.04N, 22.85E, h3km, ml1.6, 6.9, 14C-6D, Error ellipse: s-maj=1.7km s-min=1.4km az=80.0, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like DEV, Deva, GZR, Gura Zlata, DRGR, DRGR, SIRR, Siria, LOT, Lotru, BZS, Buzias, BZS, Herculan, HERR, Moldovita, MDVR, MDVR, VOIR, Bucovina Array, BURAR, BURAR

KRSZO 15 09:07:05.8, 46.18N, 18.29E, h0km, Explosion. GT info: GT2 explosion locality: Koml II, Hungary

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like KOVH, Kovagotottos, KOVH, Kovagotottos, MORH, Mrgy, Hungary, MORH, Mrgy, Hungary, MORH

ISK 15 09:08:11.9, 38.23N, 38.79E, h5km, ML2.9/8, DDA 15 09:08:13.5, 0.0, 38.33N, 38.86E, h7km, 2km, ML3.0, ISC 15 09:08:13.0, 1.2, 38.30N, 0.03:38.84E, 0.03, h4km, 11km, n21, 0.0770/33, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like ELZG, Elazig, ELZG, Akcad, AKCD, AKCD, URFA, Urfa, ARPR, Arpagir-MALATY, ARPR, Malatya, HEKM, HEKM, HEKM, HEKM, ATAB, Bozova, ATAB, ATAB, TUNCL, Tuncel-Merkez, TUNCL, TUNCL, KEMA, Kemaliye, KEMA, KEMA, KEMA, KEMA, DIBB, Diyarbakir, DARE, Dare-malaty, SANLIURFA, Merk, HANI, Diyarbakir, HANI, ELBS, KAHRAMANMARAS, ELBS, ELBS, CUKAN, kangal, SIVAS, MAZI, Mazidag, MANGI, Bingli, KMRS, Kahramanmaras, CUZAR, ZARA, SIVAS, SVAN, Silvan-Diyarba, KELT, Lajitas, SARI, SarDiz-Kayseri

IDC 15 09:18:33.2, 2.9, 8.26S, 75.17W, h117km, 31km, mb3.1/3, mbmp3.7/6, Error ellipse: s-maj=35.4km s-min=12.6km az=61.0

VAO 15 09:18:45.5, 0.8, 8.15S, 74.26W, h144km, 6km, mbR3.8, ISC 15 09:18:35.5, 0.7, 8.28S, 0.08:75.22W, 0.07, h150km, n20, 0.1986/21, mb3.2/3, Central Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like CZSB, Cruzeiro do Su, ATAH, Atahualpa, ATAH, Nana, NANA, ETMB, Extrema, OTAV, Otavalo, LAPAZ, La Paz, IMACA, Manacapuru-AM, WILK, Vilken, SIV, San Ignacio, PTBL, Pontes e Lacer, BOAV, Boa Vista, PDRB, Porto dos Gac, CLDB, Colider, NPGB, Novo Progresso, ITTB, Itaituba, SNDB, Serra Nova Dou, MCBP, Macapa, AF, Lajitas Array, TXAR, TXAR

IDC 15 09:18:33.2, 2.9, 8.26S, 75.17W, h117km, 31km, mb3.1/3, mbmp3.7/6, Error ellipse: s-maj=35.4km s-min=12.6km az=61.0

VAO 15 09:18:45.5, 0.8, 8.15S, 74.26W, h144km, 6km, mbR3.8, ISC 15 09:18:35.5, 0.7, 8.28S, 0.08:75.22W, 0.07, h150km, n20, 0.1986/21, mb3.2/3, Central Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like CZSB, Cruzeiro do Su, ATAH, Atahualpa, ATAH, Nana, NANA, ETMB, Extrema, OTAV, Otavalo, LAPAZ, La Paz, IMACA, Manacapuru-AM, WILK, Vilken, SIV, San Ignacio, PTBL, Pontes e Lacer, BOAV, Boa Vista, PDRB, Porto dos Gac, CLDB, Colider, NPGB, Novo Progresso, ITTB, Itaituba, SNDB, Serra Nova Dou, MCBP, Macapa, AF, Lajitas Array, TXAR, TXAR

Table with 4 columns: Station Name, Time, Res, ISC. Includes stations like NVAR Mina Array Bea and TORO Torodi Ar. Bea.

IDC 15 09:35:19.4:11.0, 6.765x128.15E, h0km, mb4.2/1, mbtmp3.9/3, ML3.8/2, Error ellipse: s-maj=161.5km

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like WRA Warramunga Arr and ASAR Alice Springs.

SOME 15 09:40:13.6, 43.70N-69.52E, KRNET 15 09:40:14.1, 0.1, 43.60N-69.46E, mb3.3

ISC 15 09:40:18.8:2.2, 43.57N-0.08:69.71E, h0km, n14, e117/21, 9C-5D, Central Kazakhstan

Large table with 4 columns: Code, Station Name, Time, Res. Includes stations like BRLS Borolday, KK31 Karatay Array, and many others.

IDC 15 09:51:47.3:3.7, 10.165x67.00E, h0km, mb3.4/3, mbtmp3.4/3, MS3.6/8, Error ellipse: s-maj=143.2km

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like H0S81 Diego Garcia H and H0S83 Diego Garcia H.

IDC 15 10:00:28.7:3.0, 53.56N-87.75E, h0km, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=29.3km

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like I46RU ZALESOVO INFRA and I46RU ZALESOVO BEAM.

KOLA 15 10:04:00.5, 67.62N-34.31E, h0km, ML2.2, IDC 15 10:04:00.5, 67.64N-33.31E, h0km, mbtmp2.9/2

az=87.0, ISC 15 10:04:00.6:1.4, 67.64N-0.05:34.26E, 0.05, h8km, qkm, n11, e097/20, Baltic States-Belarus-Northwestern

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like LVZ Lovozero, APA Apatity, and ARCES ARCESS Array B.

IDC 15 10:16:53.0:0.5, 28.133S-176.59W, h0km, mb4.8/19, mbtmp4.8/20, ML5.2/1, MS5.1/48, Error ellipse: s-maj=17.9km

NEIC 15 10:16:55.0:1.9, 28.185S-176.35W, h10km, 1km, mb5.4/22E, Ms_20.5/4/368, Mw5.6/21, Error ellipse: s-maj=14.9km

NEIC 15 10:16:55.2:1.7, 176.35W, h10km, Moment Tensor Solution, Moment tensor: Scale 1017Nm

NOU 15 10:16:55.1, 28.71S-175.98W, h28km, mb5.2/47, Kermadec Islands Region

MOS 15 10:16:57.2:1.1, 28.712S-176.59W, h32km, mb5.5/42, MS5.2/18, Error ellipse: s-maj=9.7km

BUL 15 10:16:57.0:0.2, 27.71S-176.03W, h33km, mb5.2/49, mb5.7/51, MS5.3/51, MS7.5/51

GCMT 15 10:16:59.0:0.1, 28.24S-0.01W, 176.16W, 0.01, h14km, MW5.4/144, Moment Tensor Solution, s116.c205

ISC 15 10:16:57.9:0.4, 28.47S-0.04W, 176.41W, 0.04, h32km, 2km, h32km, P: n982, r194/828, mb5.4/164, MS5.3/253, 23C-4D, Kermadec Islands region

Large table with 4 columns: Code, Station Name, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, and many others.

Large table with 4 columns: Station Name, Time, Res, ISC. Includes stations like WPHZ Porangahau, PRHZ Porangahau, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA Stephens Creek, MTSU Mount Surprise, HTT Hallett, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMSA Palmer Station, TGY Tagaytay City, JHJ Hachiojima 2, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YSS comp=Z,30nm,1.0s, YSS comp=N,800nm,11.4s, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like GRAC Grapevine Rang, PNTR Pine Nut, S14K Fog Glacier, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MDJ comp=Z,560nm,17.3s, H04A Detroit Lake, PINE Pine Mountain, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like CNPM China Poot, HOM Homer, TX31 Lajitas Ar. Si, etc.

785

Table of station data for 785, including call letters, frequencies, and coordinates.

2016 JUL

Table of station data for 2016 JUL, including call letters, frequencies, and coordinates.

15d 10h

Table of station data for 15d 10h, including call letters, frequencies, and coordinates.

15d 10h

2016 JUL

Table with columns for station ID, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns for station ID, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns for station ID, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ISPA, KSP, DPC, CHVC, etc.

EST 15:10:34.48±0.0, 59:30N±27:61E, h0km, ML1.5 (HEL), Explosion

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HEL, EXPLO, BALTIC, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FIAO, FIA1, FIA2, etc.

BUC 15:10:35:07.2±0.6, 44:40N±28:60E, h10km, ml1.0/2, 7C-2D, Error ellipse: s-maj=5.7km s-min=1.7km az=93.0,

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

IDC 15:10:39:14.5±0.8, 29:27S±61:16E, h0km, mb3.9/9, mbmp3.9/9, MS4.0/4, Error ellipse: s-maj=26.5km

NEIC 15:10:39:15.6±1.1, 29:31S±0:07±61:0E±0:2, h10km±2km, mb4.4/5, Error ellipse: s-maj=35.4km s-min=11.0km

ISC 15:10:39:16.4±0.7, 29:33S±0:1±61:0E±0:1, h14km±28, ±0:86±21, mb4.1/10, MS4.1/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RER, FOMA, WOI, etc.

MAN 15:10:54:03.9±30N±126:50E, h15km, Ms4.0, DJA 15:10:54:04.0±1.8, 10°N±5°×12°E±, h35km±16km, Ms0.1/7, mb5.4/6, mb4.8/17, MLb±2.5/4, Mw(mb)±4.9/6

NEIC 15:10:54:06.5±1.5, 9:45N±0:09±126:6E±0:1, h55km±8km, mb4.6/43, Error ellipse: s-maj=15.4km s-min=12.6km az=67.0

IDC 15:10:54:09.7±2.1, 9:38N±126:48E, h75km±20km, mb4.0/18, mbmp4.3/20, MS3.5/1, Error ellipse: s-maj=2.3km

ISC 15:10:54:06.8±1.2, 9:40N±0:04±126:60E±0:07, h54km±11km, h132.1±166/131, mb4.5/47, 2C-10D, Mindanao

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SCPH, BIFP, DAV, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CSAR, COEN, MJAR, etc.

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

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PSAA, QIS, AS31, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YKA, TXAR, MAN, etc.

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

15d 11h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TARG Taragay, KURK Kurchatov, GAR Gar, etc.

SOME 15 11:13:25.7, 40.92N; 71.15E, h5km
KRNET 15 11:13:25.9, 0.1, 40.89N; 71.14E, h29km, mb3.2

ISU 15 11:13:26.7, 40.62N; 70.63E, h15km
NNC 15 11:13:26.3, 2.8, 40.77N; 71.21E, h0km, mb3.9, mpv3.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CHDK Chadak, CHMK Chimion, CHMI Fergana, etc.

2016 JUL

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KST Kasek, BTLS Baital, BTLS Baital, etc.

IDC 15 11:14:55.3, 2.5, 10.53N; 123.84E, h0km, mb3.74, mbmp3.74, Error ellipse: s-maj=242.9km s-min=23.6km az=63.0

MAN 15 11:14:58.1, 1.5, 11.61N; 105.125E; 125.81E; 0.07, h28km; 11km, n13, c189; 22, kb3.84, 4C-5D, Samar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BESP Borongan, BESP Ormoc, MSLP Maasin, etc.

ASAR Alice Springs 35.94 167 P 11 21 54.8 +0.2

STKA Stephens Creek 45.80 161 P 11 23 16.8 +1.2

MKAR Makanchi Array 50.70 322 P 11 23 54.2 +0.9

IGQ 15 11:17:07.1, 0.0, 0.3N; 8.0W, h10km
VAO 15 11:17:08.1, 0.6, 0.94N; 79.58W, h10km, mb4.4

ISC 15 11:17:05.9, 1.1, 0.06N; 100.80W; 101.7W; 0.07, h15km, n87, c189; 83, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AV21 Acelerografo, BV15 Puerto Quito-O, AMA1 Acelerografo, etc.

788

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SNDB Serra Nova Dou, SMTB Santa Maria do, PEXB Peixe, etc.

HEL 15 11:26:19.2, 0.1, 63.22N; 26.83E, h0km, ML1.4, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, KAF Keuruu, KAF Merijarvi, etc.

NEIC 15 11:26:31.5, 1.1, 6.93S; 0.09, 155.48E; 0.05, h10km, 6km, mb4.5, 12.2, Error ellipse: s-maj=14.6km s-min=2.5km az=209.0

IDC 15 11:26:37.8, 4.4, 6.78S; 155.27E, h67km, 36km, mb3.7/9, mbmp4.0/11, ML3.0/2, MS3.5/2, Error ellipse: s-maj=33.7km s-min=18.6km az=102.0

ISC 15 11:26:35.2, 0.6, 6.90S; 0.07, 155.47E; 0.07, h50km, n32, c1920/34, mb4.3/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like SMAI, BELA, QSPA, etc.

IDC 15 11:48:41.7±3.9, 50:30N:27:75E, h0km, mbtmp3.6/2, ML2.7/2, Error ellipse: s-maj=39.6km s-min=1.48km az=12.0, Baltic States-Belarus-Northwestern Russia

TUL 15 11:58:50.8±1.2, 36:854N:0:009:97:86W:0:01, h6km2, ML2.0, mb, Lg2.5/18(NEIC), Error ellipse: s-maj=1.7km

NEIC 15 11:58:51.0±0.7, 36:841N:0:010:97:86W:0:01, h8km2, Error ellipse: s-maj=1.7km s-min=1.4km az=99.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Oklahoma stations like Grant County #, Manchester OK, etc.

IDC 15 12:33:13.4±0.9, 1:52S:82:87W, h0km, mb4.0/9, mbtmp4.1/10, ML4.4/1, MS3.4/4, Error ellipse: s-maj=66.4km s-min=15.0km az=58.0

NEIC 15 12:33:17.6±1.6, 1:00S:0:09:82:1W:0:1, h10km, 2km, mb4.4/15, Error ellipse: s-maj=21.7km s-min=13.1km az=245.0

IGQ 15 12:33:18.0±8.1, S:5°8'2W, h10km, ISC 15 12:33:15.8±0.6, 1:09S:0:05:82:34W:0:06, h10km, n96, az=200/89, mb4.3/14, MS3.5/3, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for stations like Isla de la Pla, Guayaquil, etc.

ATAH Atahuapla 7.18 147 Pn Pn 12 35 04.3 +3.0

YOTC Yotoco, Valle 7.83 50 eP Pn 12 35 11.4 +1.4

NEIC 15 13:03:56.7±0.3, 52:5N:0:4:174:6W:0:2, h211km, 11km, ML2.8/22(AEIC), Error ellipse: s-maj=65.3km s-min=4.2km az=166.0

AEIC 15 13:03:57.0±6.2, 52:5N:0:4:174:7W:0:1, h214km, 7km, Error ellipse: s-maj=54.1km s-min=3.2km az=168.0

IDC 15 13:03:50.9±6.8, 54:58N:167:94W, h436km, 87km, mb2.8/2, mbtmp3.6/4, Error ellipse: s-maj=130.9km s-min=21.9km az=179.0

ISC 15 13:03:56.4±0.9, 52:9N:0:2:174:7W:0:07, h200km, n26, az=076/30, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Andreanof Islands stations like Mount Kiluech, etc.

LPZA La Paz 20.60 138 P P 12 37 56.5 +0.7

LPZA La Paz 20.60 138 P P 12 37 54.8 -1.1

LPZA Samuel 20.61 113 P P 12 37 54.9 -0.5

MACA Manacapuru-AM 21.74 96 P P 12 38 06.6 -1.0

CMIG Matias Romero 21.89 326 LR LR 12 44 58.7

GO01 Chuzmiza 22.51 146 P P 12 38 16.4 +0.1

GO02 Montagnes des 26.92 154 P LR 12 38 58.5 +0.8

H03N2 Juan Fernandez 32.34 175 T T 13 13 39.9

H03N1 Juan Fernandez 32.34 175 T T 13 13 50.4

H03N3 Juan Fernandez 32.36 175 T T 13 13 40.2

H03S3 Juan Fernandez 32.73 175 T T 13 14 12.6

H03S2 Juan Fernandez 32.73 175 T T 13 14 18.1

PDAR Pinedale Array 50.06 334 P P 12 42 11.9 +0.8

NVAR Mina Array Bea 51.40 324 P P 12 42 20.4 -0.9

ULM Lax du Bonnet 52.44 349 P P 12 42 30.7 +2.2

ILAR Eielson Array 80.38 337 P P 12 45 28.2 +1.1

ASAR Alice Springs 137.04 233 PKP PKPdf 12 52 36.1 -3.9

KRNET 15 13:02:25.6±0.1, 40:95N:71:28E, mb2.5, SOME 15 13:02:27.0±0.4, 40:93N:71:07E, h10km

ISC 15 13:02:26.6±1.3, 40:93N:0:03:71:15E:0:04, h1km, 12km, n12, c174/22, 8C-10, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Terek-Say, Batken, etc.

TRKS Terek-Say 0.60 359f eP ISC Pn 13 02 35.9 -2.2

IUG luzhnav 1.48 326 eP Pg 13 02 55.1 +2.2

IUG luzhnav 1.48 326 P Pg 13 02 55.1 +2.2

KK31 Karatay Array 2.22 348 P Pn 13 03 06.7 -0.8

KKAR Karatay Array 2.22 348f eP Pn 13 03 04.3 -0.3

BRLS Borolday 2.31 335 eP Sn 13 03 06.2 -0.3

BRLS Borolday 2.31 335 Pg Pn 13 03 06.2 +0.3

MRKS 2.38 40 eS Lg 13 03 33.9

MRKS 2.38 40 Pg Pg 13 03 12.5 +0.2

ARLS Aral 2.56 68f eP Pn 13 03 07.7 -1.8

SGDS Sogindiy 3.61 45 eP Pn 13 03 33.0 +1.7

NEIC 15 13:03:56.7±0.3, 52:5N:0:4:174:6W:0:2, h211km, 11km, ML2.8/22(AEIC), Error ellipse: s-maj=65.3km s-min=4.2km az=166.0

AEIC 15 13:03:57.0±6.2, 52:5N:0:4:174:7W:0:1, h214km, 7km, Error ellipse: s-maj=54.1km s-min=3.2km az=168.0

IDC 15 13:03:50.9±6.8, 54:58N:167:94W, h436km, 87km, mb2.8/2, mbtmp3.6/4, Error ellipse: s-maj=130.9km s-min=21.9km az=179.0

ISC 15 13:03:56.4±0.9, 52:9N:0:2:174:7W:0:07, h200km, n26, az=076/30, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Andreanof Islands stations like Mount Kiluech, etc.

TUL 15 13:21:24.9±1.4, 36:847N:0:009:97:71W:0:01, h5km, 5km, ML2.5, mb, Lg2.1/12(NEIC), Error ellipse: s-maj=1.7km

NEIC 15 13:21:24.9±0.7, 36:835N:0:010:97:70W:0:01, h8km, 2km, Error ellipse: s-maj=1.8km s-min=1.3km az=107.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Oklahoma stations like Grant County #, Caldwell West, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like SOONER CATTLE, QUAY, LIBERTY LAKE, BRETHREN RD, WINTER RANCH, NORFOLK RD, CODY CREEK RV, BLUFF CREEK N, WESTMINSTER RD, DEWEP, HYDRO, CUSTER, FRANKLIN, LONG QUARTER, LEONARD, SMITH RANCH, ROSE LOOKOUT, WICHITA MOUNTA, CEDAR BLUFF, CLAYTON, HOBBS, BOLIVAR, AMARILLO, MOUNT IDA, MOUNT IDA, DAWN, MOUNTAIN GROVE, KEYE SHEDLOCK, CATHEDRAL CAVE, CAPE GIRARDEAU, EROS DATA CENT.

AEIC 15 14:01:00.15, 69.57N, 0.05:144.8W, 0.1, h17km, 6km, ML3.6, ML3.6/44(NEIC), MW3.6/30(NEIC), Error ellipse: s-maj=8.7km, s-min=3.9km, az=220.0
NEIC 15 14:01:00.69, 54N, 144.78W, h0km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, M=0.68; Mw=0.77; Mo=0.09; Ms=1.69; Mv=2.54; Mw=0.93; Fault plane solution: M3.270000:10^14 NP1.0, 349.840000, 356.990000, lambda=1.760000...
NEIC 15 14:01:01.1, 1.1, 69.61N, 0.05:144.8W, 0.1, h2km, 6km Error ellipse: s-maj=8.4km, s-min=5.7km, az=222.0
IDC 15 14:01:01.1, 1.2, 69.72N, 0.14:144.05W, h0km, mb3.5, mbmp3.7/8, ML3.6/3, MS3.0/2, Error ellipse: s-maj=24.7km, s-min=18.5km, az=31.0
ANF 15 14:01:01.3, 0.4, 69.64N, 144.83W, 0.1, h4km, 4km, ML4.0/35, ML4.0/34, Error ellipse: s-maj=2.9km, s-min=2.2km, az=0.0
ISC 15 14:01:00.3, 1.2, 69.63N, 0.03:144.71W, 0.02, h0km, 9km, n217, 0.09/229, mb3.7/5, Northern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like ALATNA RIVER, PORCUPINE DOME, YUKON RIVER, COAL CREEK MIN, MURPHY DOME, CIGU, UAF YANK, EIELSON ARROYO, SALCHA RIVER, CLEAR CREEK, JOSEPH CREEK, MANLEY, TAPS PUMP STN, HARDING LAKE, NEANENA, WOOD RIVER HILL, SAND CREEK, SAND CREEK, CHICKEN, KLONDIKE CAMP, BROWNIE, DONNELLY DOME, INDEPENDENT RIVER, DAWSON, BEAR PAW Mtn, MCKINLEY, REINDEER, CHUM LAKE MICHUMIN, KANTISHNA HILL, THORAFORE MOUNTAIN, NOWINTA RIVER, LOG CABIN WILD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like LOG CABIN WILD, DENALI HIGHWAY, BEAVER CREEK, MENTASTA, RED DOG MINE, SACHS HARBOUR, MAYO, SUSITNA WATANA, SUSITNA WATANA, SUSITNA WATANA, SUSITNA WATANA, PAULATUK, PAULATUK, HAARP, HAARP, NABESNA, NABESNA, TELIDA, TELIDA, EDGE CREEK, EDGE CREEK, PURKEYPIE, PURKEYPIE, BEAVER CREEK, MINTO, MINTO, SAWMILL, WHITE RIVER, GLORY HOLE CRE, MOOSE CREEK, MOOSE CREEK, TATALINA, SKWENTNA, SKWENTNA, KLUTINA, GLBY BUTTE, PALMER, KNICK GLACIER, KNICK GLACIER, STYX RIVER, STYX RIVER, WHITE MOUNTAIN, WHITE MOUNTAIN, DRURY CREEK, SUVA, STRANDE LAK, TALBOT ARROYO, BARNARD GLACIER, BRUMNER RIVER, BIG RIVER, BIG RIVER LOGD, FARO, FARO, AISHIK LAK, AISHIK LAK, CHITINA GLACIER, CHITINA GLACIER, RABBIT CREEK A, CROCUS CIRQUE, PORT WELLS, PORT WELLS, BRAEBURN, BRAEBURN, LOGAN GLACIER, GRANITE CREEK, OUTPOST MOUNTA, JUNIPER ISLAND, HAINES JUNCTIO, HAINES JUNCTIO, HAMILTON, TABLE MOUNTAIN, YAHTSE, YAHTSE, NOME, MENDENHALL, MENDENHALL, SPARRVOHN, BONAZZA CREEK, HOMER, HOMER, CNPIM, TESLIN, BESSIE MOUNTAIN, KADAK, YELLOWKNIFE AR, YELLOWKNIFE AR, SEYMCHAN, SEYMCHAN, FROBISHER BAY, PINEDALE ARROYO, MINA ARROYO BEA, LAJITAS ARROYO, FINES ARROYO, HACHIOJIMA 2, HACHIOJIMA 3, HACHIOJIMAKAS, MIKURAJIMAKAS, KOZU SHIMA, SHIKINEJIMAKIT, NIJIMAACHOHARA.

IDC 15 14:12:20.3, 0.9, 33.16N, 139.44E, h0km, mb3.7/5, s-maj=9.6km, s-min=4.3km, az=13.0
JMA 15 14:12:23.0, 1.3, 33.4N, 0.2:13.9E, h2km, 1km, MV3.3/28, NEAR HACHIOJIMA ISLAND
ISC 15 14:12:22.8, 0.8, 33.38N, 0.05:139.51E, 0.07, h2km, n26, 0.12/12/3, mb3.6/6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like HACHIOJIMA 2, HACHIOJIMA 3, HACHIOJIMAKAS, MIKURAJIMAKAS, KOZU SHIMA, SHIKINEJIMAKIT, NIJIMAACHOHARA.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JTHY, JIM2, JIZS, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISCO, JCT, AUST, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KOCA, DKL, AYVA, etc.

IDC 15:14:30.21.0.2.6.3.57S.99.49E, h37km, 6km, mb3.5/6, mbmp3.8/6, Error ellipse: s-maj=110.6km s-min=16.6km az=56.0.

TUL 15:35:31.8.0.8.36.60N.0.02.98.64W.0.02, h4km, 6km, ML2.5, mb, Lg2.2/4(NEIC), Error ellipse: s-maj=2.6km s-min=0.9km az=140.0.

TAP 15:56:04.3, 23.63N.122.02E, h18km, 1km, ML1.6, D, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CMAR, H08S2, H08S3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MORW, AUKUL, MEEK, etc.

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

TUL 15:35:43.8.0.9.36.72N.0.02.98.73W.0.03, h6km, ML2.9, mb, Lg2.3/4(NEIC), Error ellipse: s-maj=3.4km s-min=1.6km az=124.0.

ATH 15:51:01.9.38.63N.25.96E, h30km, 3km, ML2.6/4, Error ellipse: s-maj=3.3km s-min=1.1km az=253.0.

TAP 15:56:11.8, 23.22N.120.93E, h4km, ML1.5, 1D, C, Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like OK035, NOKA, OK038, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like QUOK, OK030, T35A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WHF, CHGB, WUSB, etc.

Table with columns: CAN, CAN, Canberra, 21.17, 57, P, P, 17 14 10.2 -1.8, 17 14 51.5, ...

Table with columns: MULA, comp=E,2um,0.6s, 0.90, 77, PG, P, 17 13 41.4 +0.4, 17 13 41.0 0.0, ...

Table with columns: comp=E,8.0nm,0.3s,baz=60,slow=15,SNR=73, Sn, Sn, 17 14 57.0 +0.3, ...

IDC 15 17:13:21.2,0.9,36:51N-28:86E,h0km,mb3.5/6, mbmp3.6/13,ML3.7/2,MS3.1/3, Error ellipse: s-maj=16.1km s-min=14.1km az=10.0

IDC 15 17:17:06.1,7.2,28:95S-61:47E,h0km,mb3.6/6, mbmp3.6/6,MS3.3/2, Error ellipse: s-maj=81.2km s-min=32.1km az=30.0, Southwest Indian Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like VHO, JALCOMULCO, etc.

NEIC 15 17:20:13.1±2.3, 32.62N, 0.05±46.72E, h10km±1km, mb4.0/14, mb_Lg4.0(T/H), Error ellipse: s-maj=8.4km s-min=6.7km az=195.0

DC 15 17:20:14.4±1.2, 32.93N, 46.83E, h0km, mb3.8/13, mbmp3.8/18, ML3.5/5, MS2.9/8, Error ellipse: s-maj=25.1km s-min=15.4km az=179.0

TEH 15 17:20:14.2, 32.60N, 46.72E, h17km, ML3.9 ISN 15 17:20:14.4, 0.7, 32.71N, 46.71E, h10km, ML3.9

ISC 15 17:20:15.3, 1.1, 32.61N, 0.03±46.75E, 0.03, h25km, gkm, n124, r165/128, mb3.9/18, MS2.9/3, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like DHHL, IBDR, RAFI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like IVRN, Varamin, IRAM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like DHHL, Dehloran, IBDR, Badra, etc.

DC 15 17:46:13.3±4.4, 18.33S, 168.99E, h189km, 48km, mb3.7/4, mbmp4.2/5, Error ellipse: s-maj=8.4km s-min=3.4km az=146.0

NEIC 15 17:46:19.9±1.8, 19.0S, 0.1±169.20E, 0.10, h226km±12km, mb4.6/19, Error ellipse: s-maj=17.2km s-min=12.7km az=153.0

NOU 15 17:46:19.8, 19.03S, 169.24E, h207km, MLV4.1/10, Vanuatu Islands

ISC 15 17:46:17.3±0.8, 19.06S, 0.08±169.27E, 0.09, h250km, n41, r167/144, mb4.5/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like RTV, LIFNC, etc.

795

2016 JUL

15d 18h

Table with columns: ZDM, Mont Dzumac, 4.00 221, P, Pn, 17 47 21.6 +0.5

Table with columns: KUU, Kurty, 5.16 71, eP, Pb, 17 57 21.6 +1.5

Table with columns: KRBS, Karabastau, 4.36 22, Pg, Pg, 18 02 19.9 0.0

SOME 15 17:55:51.8, 42.42N, 70.08E, h5km NNC 15 17:55:52.2, 1.4, 42.42N, 69.95E, h4km, 10km, mb3.0

IDC 15 17:59:55.2, 2.0, 39.33N, 73.82E, h0km, mb3.9/3, mbmp3.8/4, ML2.3/1, Error ellipse: s-maj=78.8km

IDC 15 18:02:46.9, 0.5, 35.13N, 35.37W, h0km, mb4.5/37, mbmp4.5/37, MS4, 3/3, Error ellipse: s-maj=13.8km

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

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

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

NEIC 15 18:02:49.8, 35.18N, 35.24W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.13; Mtheta=1.21; Mphi=1.08; Mnn=0.23; Mnt=1.6; Mnt=1.2; Fault plane solution: M2, 46000x10^17, NP1, 9x13.870000

15d 18h

Table with columns for station ID, name, frequency, power, antenna, and coordinates. Includes stations like FLORES T-PHASE, Cedros, Candelaria, Pico, Ribeirinha, Rosais, Manadas, Ponta Delgada, Cha da Macela, etc.

2016 JUL

Table with columns for station ID, name, frequency, power, antenna, and coordinates. Includes stations like Tazzarine, Zagora, MDR, MDT, GGN, BATG, Saint George, Bathurst New B, etc.

796

Table with columns for station ID, name, frequency, power, antenna, and coordinates. Includes stations like Walton, Canovas, LUPA, Lehigh Unvers, Guaynabo City, Dye2, etc.

797

Table containing station data for call letters 797-999. Columns include call letters, station name, coordinates, and other technical details.

2016 JUL

Table containing station data for call letters A through Z. Columns include call letters, station name, coordinates, and other technical details.

15d 18h

Table containing station data for call letters W through F. Columns include call letters, station name, coordinates, and other technical details.

15d 18h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, and other parameters. Includes stations like RAYN Ar Rayn, KNK Knik Glacier, CAST Castle Rocks, etc.

2016 JUL

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, and other parameters. Includes stations like KUU Kurty, WSAR Wadi Sarin, CHKK Chushkaly, etc.

800

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, and other parameters. Includes stations like GOMU, KLR, XLT, etc.

ISK 15 18:39:25.0,6.6:14S:07:-131.51E:0.07,h35km,n42,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, and other parameters. Includes stations like DALY Dallyan (Mula), FETY Fethiye, etc.

ISC 15 18:39:25.0,6.6:14S:07:-131.51E:0.07,h35km,n42, mbtpm3.8/4,ML4.3/2, Error ellipse: s-maj=109.27km s-min=29.0km az=68.0

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

IDC 15 18:43:54.0±1.6, 3.73S:136.68E, h0km, mb3.6/5, mbmp3.7/6, ML2.9/1, Error ellipse: s-maj=59.6km s-min=26.8km az=83.0

DJA 15 18:43:56.1±0.4, 4°S, 133°6E, h10km, M4.3/7, mb4.6/5, mb4.8/2, MLV4.1/7, Mw(Mb)4.0/2

ISC 15 18:43:56.1±0.9, 3.72S:10.136±45E:0.09, h10km, n13, c090/13, mb3.5/4, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s ISC. Includes stations like SRPI Serui, Papua, BAKI Biak, SMPI Sarmi, etc.

BUI 15 18:58:20.6±0.0, 24°36'S:82°10'E, h10km, mb4.9/63, mB5.1/33, Ms4.8/41, Ms7.4/6/39

IDC 15 18:58:23.9±0.4, 23°98'S:82°48'E, h0km, mb5.0/22, mbmp5.0/22, MS4.2/41, Error ellipse: s-maj=15.3km s-min=13.5km az=53.0

MOS 15 18:58:23.8±0.8, 23°89'S:82°52'E, h10km, mb5.3/38, MS4.3/4, Error ellipse: s-maj=10.6km s-min=5.4km az=100.8

NEIC 15 18:59:26.2±1.5, 23°95'S:0°09'82.46E:0.10, h12km, 3km, mb5.2/132, Error ellipse: s-maj=13.6km s-min=12.7km az=142.0

GCMT 15 18:58:28.2±0.2, 23°81'S:0°01'82.57E:0.03, h12km, MW5.1/90, Moment Tensor Solution. s40,c52, s90,c137; Duration: 0 Moment tensor: Scale 1019N; Mr3.9±4.1; Mw=4.7±.10; Mw0.77±.16; Mw=2.31±.34; Mw0.84±.11; Mw=0.33±.49; Best double couple: M4.989000±1016 NP1.9±110.000000, s32.000000, i108.000000. NP2: 0±269.000000, s59.000000, i79.000000. Principal axes: T 4.5910, P1g73.0000, Azm151.0000; N 0.7920, P1g9.0000, Azm275.0000; P -5.3860, P1g14.0000, Azm77.0000; n12 refers to body waves, cutoff=40s. n12a refers to surface waves, cutoff=50s. hkgm:triangular moment-rate function

ISC 15 18:58:25.0±0.9, 23°99'S:0°05'82.41E:0.05, h8km, 5km, n745, c197/759, mb5.2/155, MS4.3/60, 42C-23D, South Indian Ocean

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s ISC. Includes stations like H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s ISC. Includes stations like BOSA pulchok, PKIN Phulchoki, DMN Daman, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s ISC. Includes stations like BOSA pulchok, PKI Pulchoki, PKIN Phulchoki, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Haines Junction, Braburn, Yukon, Dryum Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Pinedale Array, Pinedale Array, Manual Prospec, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Monte Vulture, Carife, Acerenza, etc.

IDC 15 19:10:34.8E-5.3, 31°03'S:60°43'E, h0km, mb3.7/3, mbmtmp3.7/3, Error ellipse: s-maj=806.7km s-min=35.3km Az=20.0, Southwest Indian Ridge

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

H01W2 Cape Leeuwin H 44.78 110 T T 20 06 45.7

H01W3 Cape Leeuwin H 44.78 110 T T 20 06 43.6

H01W1 Cape Leeuwin H 44.80 110 T T 20 06 47.2

ASAR Asgard Springs 64.62 103 P P 19 21 14.8 +0.2

WRA Warramunga Arr 66.56 100 P P 19 21 26.9 -0.2

TORD Torod Ar. Bea 71.46 299 P P 19 21 57.5 0.0

IDC 15 19:18:11.4E-0.8, 35°09'N:35°44'W, h0km, mb4.0/16, mbmtmp4.0/16, MS3.5/21, Error ellipse: s-maj=22.7km s-min=16.2km Az=180.0

NEIC 15 19:18:12.4E-2.0, 35°1'N:0°1'35'W, 0.1, h9km, 5km, mb4.6/38, Error ellipse: s-maj=19.6km s-min=12.5km Az=170.0

ISC 15 19:18:12.5E-0.5, 35°03'N:0°10'35'W, 0.06, h13km, n89, mb2.6/9, mb4.5/34, MS3.5/21, Northern Mid-Atlantic Ridge

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

H07S1 FLORES T-PHASE 5.48 36 eP Pn 19 19 31.7 -2.2

H07N1 FLORES T-PHASE 5.77 35 eP Pn 19 19 36.7 -1.2

PS1E bete Cidades 8.29 69 eP Pn 19 20 10.6 -1.8

CMLA Cha da Macela 8.42 68 Pn Pn 19 20 12.5 -1.7

CMLA Cha da Macela 8.42 68 eP Pn 19 20 12.6 -1.7

PSMN Santa Maria 8.55 74 eP Pn 19 20 13.8 -2.3

BART Pico do Norte, 8.61 74 eP Pn 19 20 14.4 -2.4

BART Pico Bartolome 8.70 69 eP Pn 19 20 16.6 -1.5

MACI Borges la Ar 17.44 112 LR Pn 19 22 13.4 -2.3

PFVI Vila Bista 21.56 77 P P 19 23 00.5 -1.2

DRLN Deer Lake 21.59 318 P P 19 22 59.4 -2.4

GBN Guysborough 22.38 305 P P 19 23 09.5 -0.9

ESDC Sonseca Array 25.35 70 P P 19 23 40.1 +0.9

ESDC comp=Z, 1.26nm, 20.2s, baz=268, slow=31 comp=Z, 2.2nm, 1.1s, baz=284, slow=10, SNR=8.5 LR LR 19 31 28.3

15d 21h

Table with columns: BKZ, KHZ, KHZ, HIZ, HIZ, MRHZ, NMHZ, TLZ, MTHZ, DSZ, GVZ, LTZ, URZ, URZ, MKAZ, WIAZ. Includes station names, coordinates, and time data.

MDD 15 21:02:30.9.0.8, 36°68'N-9°75'W, h20km, 9km, mb_Lg2.6/14, Error ellipse: s-maj=9.1km s-min=4.2km az=44.0

INMG 15 21:02:32.6, 36°71'N-9°68'W, h19km, ML2.0, Error ellipse: s-maj=4.0km s-min=2.9km az=39.0

ISC 15 21:02:27.9, 19.3658N, 0.05931W, 0.07, h32km, 12km, n57, r180/102.5C, West of Gibraltar

Main table for station data on the left side, including columns for Code, Station Name, Azimuth, Phase, ID, ISC, Time, Res, and various station identifiers.

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Table for station data in the middle section, including stations like San Pablo, Cabril, Lobios, Gavieira, Arco, Quesada, Sonseca Array, MD31, Oukaimeden, Zamans, Midelt, Braganca, Calabar, Guadarrama, Trine Tigouva, Agolada(Pontev), Mazaricos, and EMAZ.

SOME 15 21:02:38.9, 39°63'N-73°43'E, h10km, Error ellipse: s-maj=1.3km s-min=5.9km az=178.0

ISC 15 21:02:44.6, 1.7, 39.88N, 0.06734E, 0.03, h7km, 1km, n59, r221/89, 14C-17D, Tajikistan-Xinjiang border region

Main table for station data in the middle section, including columns for Code, Station Name, Azimuth, Phase, ID, ISC, Time, Res, and various station identifiers.

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Table for station data on the right side, including stations like Borolday, TNS5, TNS5, KRBS, KRBS, AAA, AAA, AAA, MDOK, MDOK, MDOK, KNDK, KTBS, KTBS, KTBS, KUU, KUU, CHKK, CHKK, CHKK, SATY, SATY, SATY, BTLS, BTLS, BTLS, UZB, UZB, UZB, UZB, KPKS, KPKS, KPKS, ARXS, ARXS, ARXS, SHLS, SHLS, SHLS, BLB, BLB, BLB, PDGK, DJR, DJR, DJR.

UCR 15 21:03:17.3-1.6, 8°31'N-82°99'W, h24km, 5km, MW3.8, UPA 15 21:03:17.9-0.6, 8°34'N-82°93'W, h18km, 4km, MW3.5

ISC 15 21:03:17.5+1.2, 8.30N, 0.068295W, 0.04, h28km, 7km, n28, r081/42, 2D, Panama-Costa Rica border region

Main table for station data on the right side, including columns for Code, Station Name, Azimuth, Phase, ID, ISC, Time, Res, and various station identifiers.

Table with columns: CHGR2, Aguacate, 1.01, 52, eP, Pb, 21 03 35.2 -1.2, etc.

Table with columns: PEAOB, Petropavlovsk, 66.24, 354, P, P, 21 53 37.1 -0.5, etc.

Table with columns: WRA, Warramunga Arr, 14.23, 167, Pn, Pn, 21 52 25.0 +1.4, etc.

IDC 15 21:13.41.3.1.6.24.43S.175.57W, h0km, mb4.1/5, mbmp4.1/6, ML5.0/1, MS3.3/8, Error ellipse: s-maj=57.7km

s-min=32.4km az=158.0, ISC 15 21:13.43.4.1.1.24.4S.0.3.175.3W.0.1, h10km, n14, n1809, mb4.3/5, MS3.2/5, South of Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSFV, Nonsavu, 9.06, 316, Pn, P, 21 15 52.5 -0.7, etc.

ARCES ARCES Array B 118.42 346 PKP PKIKP 22 01 34.7 +0.9

FINES FINES Array B 123.92 339 PKP PKIKP 22 01 46.0 +1.2

NEIC 15 21:47.45.8.2.2.4.30S.179.79W, h520km, 23km, 3/4, mbmp4.3/7, Error ellipse: s-maj=45.2km s-min=23.7km az=126.0

NEIC 15 21:47.45.8.1.2.2.4.3S.0.1.179.8W.0.1, h520km, 10km, mb4.6/27, Error ellipse: s-maj=19.9km s-min=15.6km az=103.0

ISC 15 21:47.44.9.0.6.2.4.33S.0.07.179.85W.0.10, h505km, n48, n1505/48, mb4.3/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, RAO, Raoul Island, 5.20, 161, P, P, 21 49 15.3 +1.4, etc.

PLWZ Palisar 52.90 339 P P 21 58 14.4 +1.0

IKAR Makanchi Array 67.95 326 P P 21 59 51.0 -4.8

IDC 15 22:11.16.2.1.1.39.31N.138.82E, h0km, mb3.6/5, mbmp3.6/8, ML2.6/3, MS3.3/1, Error ellipse: s-maj=34.1km s-min=19.9km az=93.0

NIED 15 22:11.18.4.39.38N.138.81E, h28km, MW3.4, Moment Tensor Solution, s3, Moment: Scale 10^14 Nm; Mn:1.49; Mw:0.80; Ms:0.69; Mz:0.23; Mw:0.79; Mw:0.52; Fault plane solution: M1: 62000x10^14 NP1: phi=55.00000, delta=26.00000, lambda=103.00000; NP2: phi=219.00000, delta=55.00000, lambda=81.00000

JMA 15 22:11.18.4.0.2.39.4N.0.4.138.8E.0.7, h28km, 1km, MW3.6/8, SW OFF AKITA PREF

ISC 15 22:11.20.2.1.4.39.32N.0.03.138.91E.0.05, h27km, 10km, n26, n0598/39, mb3.8/5, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JTB, Tobi-shima, 0.52, 104, P, P, 22 11 30.2 -0.5, etc.

TRN 15 21:19.09.4.10.97N.62.33W, h15km, MD3.1

FUNV 15 21:19.10.8.10.87N.62.29W, h63km, MW3.4

ISC 15 21:19.08.7.1.3.10.32N.0.07.62.38W.0.05, h89km, n8, n125/12, ID, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CRUV, Carupano, 0.88, 254, P, P, 21 19 28.1 +1.2, etc.

CTAO Charters Tower 31.62 271 P P 21 53 27.1 +1.0

TOO Toolangi 32.33 238 P P 21 53 30.8 -1.3

STKA Stephens Creek 34.69 249 P P 21 53 52.1 +0.1

AS31 Alice Springs 42.10 261 P P 21 54 52.3 -0.2

ASAR Alice Springs 42.10 261 P P 21 54 52.8 +0.3

ASAR Alice Springs 42.10 261 P P 21 54 51.9 -0.6

WB2 Warramunga Arr 42.51 267 P P 21 54 55.3 -0.3

WRAB Tennant Creek 42.51 267 P P 21 54 55.4 -0.3

WB0 Warramunga Arr 42.51 267 P P 21 54 52.9 -2.8

WRA Warramunga Arr 42.52 267 P P 21 54 54.9 -0.9

FOR Forest 46.29 250 P P 21 55 24.0 -0.8

KNRA Kununurra 48.82 270 P P 21 55 44.2 +0.2

PSA00 Pilbara Seismi 55.22 260 P P 21 56 29.4 -0.7

MBWA Marble Bar 55.44 260 P P 21 56 30.5 -1.1

MORW Morawa 56.86 250 P P 21 56 41.2 -0.1

TOLIT Tolitoli 62.82 285 P P 21 57 20.9 -0.4

GSPA South Pole Qui 65.78 180 P P 21 57 40.1 +0.9

JGF Kuroka 72.06 324 P P 21 58 17.4 -0.1

KIW Kanaga Island 75.89 2 P P 21 58 37.7 -1.2

ADK Adak 75.93 2 P P 21 58 38.6 -0.4

KSRS Kora Array 78.66 320 P P 21 58 53.8 -0.4

MKAR Makanchi Array 112.54 313 PKIKP PKIKP 22 05 22.2 -1.2

FINES FINES Array B 138.89 341 PKIKP PKPpre 22 06 04.9

AKASG Malin Array Be 145.40 327 PKPbc PKPbc 22 06 24.5 -0.2

BRTR Keskin Array B 147.94 307 PKPbc PKPbc 22 06 33.1 -0.3

IDC 15 21:48.53.6.2.2.5.57S.130.67E, h0km, mb3.7/1, TOLLIT TOLLIT 65.78 180 P P 21 57 40.1 +0.9

NEIC 15 21:49:06.5.1.4.5.95S.0.03.131.1E.0.1, h73km, 13km, mb4.5/9, Error ellipse: s-maj=16.0km s-min=2.2km az=92.0

NOU 15 21:49:50.4.10.12S.131.86E, h338km, mb4.0/6, Timor Sea

ISC 15 21:49:06.1.0.7.6.01S.0.05.131.00E.0.09, h86km, n28, n232/31, mb4.7/3, Banda Sea

USRK Ussuriysk Arr. 7.11 316 Pn Pn 22 13 00.8 -1.6

KSRS Kora Array 8.83 261 Pn Pn 22 13 26.1 +0.1

ILAR Eielson Array 48.65 33 P P 22 20 02.3 +0.9

KIRV Kirov 57.24 321 LR LR 22 48 29.5

WRA Warramunga Arr 59.10 185 P P 22 21 18.2 -0.0

FINES FINES Array B 65.87 331 P P 22 22 02.5 -0.5

NOA NORSTAR Array B 71.31 336 P P 22 22 36.7 -0.4

TXAR Lajitas Array 90.25 51 P P 22 24 19.5 +0.8

NEIC 15 22:23:08.5.1.4.55.17N.0.05.159.59W.0.07, h21km, 13km, ML3.6/22, ML3.6/73(AEIC), Error ellipse: s-maj=7.7km s-min=5.5km az=176.0

IDC 15 22:23:0.0.2.1.54.37N.158.52W, h0km, mb3.6/2, mbmp3.6/4, ML3.4/2, MS2.7/1, Error ellipse: s-maj=40.4km s-min=25.0km az=124.0

AEIC 15 22:23:08.0.1.6.55.18N.0.06.159.64W.0.06, h13km, 7km, Error ellipse: s-maj=9.1km s-min=4.4km az=170.0

ISC 15 22:23:08.0.8.9.55.18N.0.03.159.55W.0.04, h27km, 9km, n169, n0592/178, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CHNA, Chernabura Isl, 0.35, 184, P, P, 22 23 16.5 -0.1, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like S12K, DT1, CHIR, ISLZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like M24K, RND, BERG, etc.

16C 15 23:20.45.9.1.1, 1.94N-89.60E, h0km, mb3.9/9, mbmp3.9/11, ML4.2/2, MS3.1/2, Error ellipse: s-maj=29.6km s-min=23.4km az=125.0

NE1C 15 23:20.48.4.1.1, 2.07N-0.08-89.83E:0.08, h10km, 1km, mb4.7/43, Error ellipse: s-maj=14.2km s-min=13.4km az=215.0

ISC 15 23:20.47.1.0.4, 2.00N:0.07-89.78E:0.06, h10km, n73, e090/64, mb4.5/32, North Indian Ocean

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GSI, LHMI, RPSI, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like FOMA, KURK, AS31, etc.

KRSC 16 00:16:56.6.1.1, 49.45N:156.32E, h82km, 15km, ML4.0, Kuril Islands

SVSA 16 00:42:04.0.1.1, 36.86N:24.06W, h15km, ML3.8(INMG), Error ellipse: s-maj=6.9km s-min=4.5km az=44.0

ISC 16 00:42:00.0.1.5, 36.38N:0.09-24.11W:0.07, h19km, 3km, n30, c125/51,6C, Azores Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PSMN, PSMA, PSMC, etc.

16d 1h

Code	Station Name	n114, c0661/216, 22C-26D, Taiwan	Phase	ID	ISC	Time	Res
		A° AZ°	Op			h m s	ISC
NJN	Zhunan	0.05 162	iP	Pg		01 19 29.3	-1.2
NJN	Hsinchu	0.13 56	iP	Pg		01 19 31.2	-1.3
HSN	Hsinchu	0.14 63	iP	Pg		01 19 30.8	-0.5
SBCB	Hsinchu	0.16 73	iP	Pg		01 19 31.3	-0.3
HSN1	Hsinchu	0.17 127	iP	Pg		01 19 31.4	-0.3
NSST	Nanjuang	0.17 120	iP	Pg		01 19 31.4	-0.4
LIOB	Miao	0.20 197	iP	Pg		01 19 32.3	+0.1
NMLH	Miao	0.21 89	P	Pg		01 19 32.3	-0.1
NJD	Zhudong	0.26 112	iP	Pg		01 19 33.0	-0.2
NFF	Wufeng Townshi	0.33 195	iP	Pb		01 19 35.1	+0.3
NSY	Sanyi	0.33 33	eP	Sb		01 19 40.8	+1.0
NHW	Xinwu Township	0.38 52	iP	Pb		01 19 35.9	+0.1
NCUH	Zhongli	0.39 52	iP	Pb		01 19 36.1	+0.3
NCU	National Centr	0.39 191	iP	Pb		01 19 36.1	+0.2
TWQ1	Liyutan	0.43 207	iP	Pb		01 19 36.9	+0.4
WDJ	Dajia District	0.46 169	iP	Pb		01 19 37.0	-0.1
WHP	Taichung City	0.46 97	iP	Pb		01 19 37.1	-0.1
NSK	Sanguang	0.48 97	iP	Pb		01 19 37.2	-0.2
YHNB	Yeheng	0.48 56	eP	Pb		01 19 37.9	+0.4
NTY	Taoyuan	0.55 121	eP	Pb		01 19 38.8	0.0
NNS	Nan Shan	0.57 122	eP	Pb		01 19 38.9	-0.1
NNSB	Datong	0.57 122	eP	Pb		01 19 38.9	-0.1
NNSH	Datong	0.57 122	eP	Pb		01 19 38.9	-0.1
NNSH	Datong	0.59 85	iP	Pb		01 19 39.4	0.0
NWLT	Wulai	0.60 143	iP	Pb		01 19 39.6	0.0
FUSS	Fushou	0.60 196	iP	Pb		01 19 40.5	+1.0
TCU	Taichung	0.61 102	iP	Pb		01 19 39.7	0.0
NDT	Datong Townshi	0.63 54	iP	Pn		01 19 40.7	-0.9
TWS1	Kuangyinshan	0.64 107	iP	Pb		01 19 40.6	+0.3
LATG	Datong	0.65 69	eP	Pb		01 19 40.6	+0.3
NHHD	Xindian Distri	0.67 62	eP	Pn		01 19 41.3	-0.9
TAP	Taipei	0.67 87	eP	Pb		01 19 40.9	+0.2
FUSB	Fushanzhiwuyua	0.67 175	iP	Pb		01 19 41.1	+0.4
WCS	Beigang Elemen	0.69 51	eP	Pb		01 19 41.5	+0.4
NTST	Danshui	0.69 147	iP	Pb		01 19 41.9	+0.5
WHF	Hehuan Shan	0.70 175	iP	Pb		01 19 41.7	+0.5
DPDB	Guoxing	0.70 192	eP	Pb		01 19 42.0	+0.8
WWF	Wufeng	0.70 203	eP	Pn		01 19 42.2	-0.5
WCHH	Zhanghua	0.71 69	eP	Pb		01 19 41.8	+0.4
TWA	Mucha	0.72 172	eP	Pb		01 19 41.9	+0.3
CHGB	Renai	0.73 156	iP	Pb		01 19 52.1	+0.5
CHGB	Renai	0.74 91	iP	Pn		01 19 42.5	-0.6
TWE	Neicheng	0.76 53	eP	Pb		01 19 42.8	-0.7
ANP	Anpu	0.77 57	eP	Pb		01 19 42.7	+0.3
YMO1	YMO1	0.77 132	iP	Pb		01 19 43.0	+0.4
ETLH	Xiulin Townshi	0.77 162	iP	Pb		01 19 42.8	+0.2

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Code	Station Name	Time	Res
WWSB	Dongshan	0.79 97	iP
NDS	Dongshan	0.81 198	eP
WYL	Yuanlin Townsh	0.82 180	iP
TYC	Yuchr	0.83 159	iP
WNT1	Nantou City	0.84 191	eP
SMLT	Sun Moon Lake	0.84 177	iP
ENA	Nanau	0.86 110	eP
WNT	Mingjian	0.86 190	iP
WNT	Mingjian	0.87 51	eP
NACB	Ninganchiao	0.87 129	iP
NACB	Ninganchiao	0.89 108	eP
EWUT	Wuta	0.90 82	eP
ETL	Fush Village	0.90 129	eP
NWF	Wu-fen Shan	0.91 68	iP
NWF	Wu-fen Shan	0.91 68	iP
WFSB	Wu-fen Shan	0.91 187	eP
WJS	Zhushan	0.91 97	eP
TWC	Suao	0.92 75	iP
TIPB	Shuangxi	0.93 63	eP
TNOU	National Taiwa	0.93 208	iP
WRL	Guolierin Hig	0.94 134	iP
TWD	Chiawan	0.94 174	iP
SSLB	Suanguang	0.96 142	eP
ETM	Tongmen	0.99 83	eP
EGS	Grass Mountain	1.00 68	eP
WVDT	WVDT	1.01 165	iP
WTCT	Ta-ch'eng	1.01 211	eP
HWA	Hwaiien	1.02 137	eP
ESL	Shilin	1.05 150	eP
ESL	Shilin	1.07 75	eP
TWB1	Santiao Chiao	1.07 194	eP
WGLK	Gukeng	1.08 196	eP
WDLH	Douliu	1.09 212	eP
WMLT	Mailiao	1.09 142	eP
TEYL	Yanliu Villag	1.12 202	eP
WTK	Tuku	1.14 188	eP
CHN5	Tsauling	1.18 154	eP
EGFH	Guangfu	1.22 182	eP
ALS	Alishan	1.23 208	eP
WSF	Szhu	1.24 176	eP
YUS	Yu-Shan	1.24 196	eP
CHN2	Minshiang	1.29 198	eP
CHY	Chiayi	1.29 161	eP
EHY	Hungye		

Code	Station Name	Time	Res
VWUC	VWUC	1.30 282	iP
WSL	Shulin Townsh	1.33 206	eP
HGSD	Ruisui	1.34 157	eP
YULB	Yu-li	1.39 163	eP
CHN4	Tsushan	1.39 190	eP
PCYT	Pengchaiyu	1.42 51	eP
TWF1	Yuli	1.43 163	eP
TPUB	Ta-pu	1.44 188	eP
EYUL	Yuli	1.44 163	eP
ICHU	Yijhu	1.46 201	eP
WTP	Ta-pu	1.49 188	eP
WTP	Ta-pu	1.50 193	iP
CHN8	Yijhu	1.50 203	eP
SNST	Tainan City	1.54 192	eP
ELDTW	Lidau	1.54 174	eP
STYH	Taoyuan	1.56 183	eP
STYT	Taoyuan	1.56 183	eP
CHN1	Nanshi	1.57 191	eP
FULB	Fuli	1.58 165	eP
MATB	Ma-tsu	1.64 330	eP
PNG	Penghu	1.66 226	eP
MSUT	Lienchiang	1.66 330	eP
PHUB	Peng-hu	1.69 224	iP
WDGT	Dungji	1.83 217	eP
LYJJ	Jianjiangzhen	2.06 332	eP
QZH	Quanzhou	2.07 276	Pn
QZH	Quanzhou		Pn

ATH 16:01:46:50.8, 40:23N:19:92E, h5km, 31km, ML2.8/4, Error ellipse: s-maj=31.6km s-min=1.0km az=0.0
TIR 16:01:46:51.8, 40:16N:19:97E, h3km, 1km, Md3.1, MI3.0
THE 16:01:46:52.2, 40:15N:19:97E, h28km, 1km, ML2.9/5, Error ellipse: s-maj=1.3km s-min=0.8km az=260.0
ISC 16:01:46:52.6±1.0, 40:17N:0.02-20.00E±0.02, h15km, 8km, n98, c1959/125, 7C-3D, Albania

810

15:22/82, mb4.0/14, MS3.2/6, Off coast of Oregon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like KBN, KEBM, JO1E, etc. with their respective coordinates and times.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like KEBM, JO1E, JO1E, etc. with their respective coordinates and times.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like L27K, KDAK, ECSD, etc. with their respective coordinates and times.

Bottom section containing various codes (IDC, ANF, NEIC, DVA, NB2) and their associated parameters such as station names, coordinates, and error ellipses.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAKR Makrakomi, AGG Agios Georgios, NEO Neokhori, etc.

INET 16 02:21:00.2, 1.3, 127.19N, 87.55W, h15km, 10km, MW3.1
SNET 16 02:21:01.9, 1.1, 127.65N, 87.47W, h90km, 14km, ML3.4
SSC 16 02:21:01.9, 1.1, 127.65N, 87.47W, h90km, 14km, ML3.4
ISS 16 02:21:00.3, 2.1, 127.5N, 01.87, 38.9W, 0.08, h90km, 16km, n25, r0.50/39, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, CSNG Cosiguina Volc, TELN Telica, etc.

IDC 16 02:35:21.6, 0.9, 24.23N, 121.74E, h0km, mb3.7/9, mbtmp3.7/9, MS3.5/7, Error ellipse: s-maj=41.8km s-min=18.6km az=70.0

JMA 16 02:35:23.8, 0.2, 24.22N, 0.9, 12.2E, h40km, 1km, MV3.9/11, TAIWAN REGION

NIED 16 02:35:23.8, 24.21N, 121.57E, h40km, MW4.2, Moment Tensor Solution. s2 Moment tensor: Scale 1015Nm; Mm-0.57; Mss-0.06; Mss-0.63; Mss-0.09; Mss-0.02; Mss-0.53; Fault plane solution: Ms2.18000x1015 NP:phi=22.00000, 86.00000, lambda=-142.00000. NP2:phi=254.00000, 866.00000, lambda=-85.00000

ASIES 16 02:35:24.6, 24.37N, 121.72E, h24km, MW3.9
TAP 16 02:35:25.2, 24.36N, 121.75E, h20km, ML4.2, B
ISC 16 02:35:25.4, 0.7, 24.35N, 0.01, 121.76E, 0.01, 118km, 2km, n184, r0.65/252, mb3.7/9, MS3.5/6, 6C-32D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EHP Heping Village, EHA Nanau, ENA Nanau, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WCSB, SBBC, SBBC, YM08, HSN, HSN, etc.

Table with columns: CHNS, Yiju, 1.74 235 eP, Pn, 02 35 55.7 +1.1, etc. Includes rows for IRIF, SCLT, SCST, HATJ, ECL, SSD, TSMG, MASBT, JKRS, EAST, TAW, TAWH, SSPT, PNG, PHUB, WSSB, VWUC, VVUC, WDGJ, SCZT, SLIU, JISG, LYUB, VCHM, MATB, MSUT, TWK1, TWKBT, JYTJ, LYJZ, XPSS, OZH, OZH, OZH, MHZO, KNM, KNM, JMJ, AXDP, ZPLA, DSXP, SXFK, KSRS, XSRS, XAN, XAN, XAN, XAN, XAN, KLR, SONM, SONM, MKAR, ZALV, WRA, TIXI, ASAR, ILAR, ARCES, FINES, BRTR, HFS, NOA, BBB.

Table with columns: IDC, NEIC, ISC, Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for LIFNC, MARNC, KOUNC, etc.

Table with columns: DZM, Mont Dzumac, 5.45 192 Pn, Pn, 02 41 16.3 +0.6, etc. Includes rows for DZM, DZM, DZM, NOUNC, ONTNC, OUCNC, OUCNC, HNR, RAO, CTAO, BKZ, RPZ, WRA, WRA, AS31, ASAR, ASAR, ASAR, FITZ, FITZ, TBI, TBI, PPT2, PPT2, PPT, PPT, VVND, VVND, VVND, SBA, SBA, SHEM, PETK, GSPA, BJT, CMAR, MA2, SEY, KDAK, ULN, SONM, SONM, BELA, YBH, PFO, ILAR, ILAR, LPIG, TROLL, SNA, SNA, SNA, VNA3, VNA1, PDAR, ANMO, ARCES, ARCES.

Table with columns: JMA, TAP, ISC, Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for HEP, EHP, ENA, ENA, EWUT, EWUT, ETL, ETL, NACB, NACB, TWC, TWC, TWC, NDS, NDS, NDS, NDS, LATG, LATG, ETHL, ETHL, TWD, TWD, TWD, NDT, NDT, NDT, NNSB, NNSB, NNSH, NNSH.

Table with columns: NNSH, Nan Shan, 0.36 283 i/P, Sg, 02 43 04.0 -0.4, etc. Includes rows for NNS, TWE, TWE, ILA, ILA, HWA, FUSB, FUSB, ETM, ETM, YHNB, YHNB, YHNB, YHNB, NWLT, NWLT, NSK, NSK, NSK, FUSS, FUSS, NTC, NTC, WHF, WHF, EGS, EGS, TEYL, TEYL, TEYL, TWT, TWT, TIPB, TIPB, CHGB, CHGB, CHGB, ESL, ESL, ESL, NHDH, NHDH, NHDH, TWA, TWA, TWA, NFF, NFF, NFF, TATO, TATO, TATO, OWD, OWD, TWB1, TWB1, TWB1, TEGC, TEGC, WUSB, WUSB, WUSB, BACT, BACT, NHY, NHY, NWF, NWF, WFSB, WFSB, TAP1, TAP1, TAP1, TAP1, NUD, NUD, LIQB, LIQB, LIQB, SXI1, SXI1, SXI1, NSTT, NSTT, WHP, WHP, WHP, EGFH, EGFH, NTY, NTY, TNOU, TNOU, TNOU, HSN1, HSN1, NCU, NCU, NCU, NCU, TWS1, TWS1, TWS1, YMO1, YMO1, WPL, WPL, WPL, SBCB, SBCB.

Table with columns: STT, Station Name, Az, El, P, S, Time, Res. Includes stations like Nanjuang, Grass Mountain, Hsinchu, National Taiwa, Puli Township, etc.

SOME 16 03:25:18.5, 39°40'N, 73°33'E, h15km
KRNET 16 03:25:26.0, 1.39°57'N, 73°53'E, mb3.1
NNC 16 03:25:31.1, 3.4, 39°83'N, 73°60'E, h0km, mb3.6, mpv3.2

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Osh, Aral, Terek-Say, Gar, Uchtor, etc.

Table with columns: STT, Station Name, Az, El, P, S, Time, Res. Includes stations like Merke, Karagaybulak, Chuyshay, Tokmak 2, etc.

NEIC 16 03:25:39.1, 1.9, 21°34'S, 0°03', 13W, 0'08, h26km, qkm, mb4.4, ML4.3(GUC), Error ellipse: s-maj=10.3km
GUC 16 03:25:39.8, 0.7, 21°35'S, 69°9'W, h39km, 1km, ML4.3
IDC 16 03:25:40.1, 1.1, 21°24'S, 69°9'W, h37km, 7km, mb3.7/4, mbtmp3.9/5, ML3.9/1, MS3.3/4, Error ellipse: s-maj=31.7km s-min=21.1km az=58.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IROC Station P, IROC Station P, Punta Patache, etc.

Table with columns: STT, Station Name, Az, El, P, S, Time, Res. Includes stations like IROC Station P, Limon Verde, Chumizma, etc.

WARRAMUNGA ARR 132.53 212 PKP PKPpdf 03 44 51.5 +0.5
WRA comp=2.0, 5m, 0.7s, baz=171, slow=1.8, SNR=3.5
ZALV comp=2.1, 5m, 0.7s, baz=302, slow=3.5, SNR=4.9

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Chosi, Boso, BSO3, JSMT, KTR, BSO4, JKUC, etc.

16d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Oshima 3, Hachioji jima 2, Matsuhiro Arr, etc.

IDC 16 03:46:41.0-1.6, 201.08Sx114:70W, h0km, mb3.5/3, mbmp3.5/3, MS3.722, Error ellipse: s-maj=58.3km s-min=40.4km az=29.0

ISC 16 03:46:39.0-1.1, 207.8-2.115W, 0.3, h10km, n30, e11817, mb3.5/3, MS3.8/21, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rapa Nui, Juan Fernandez, Nana, etc.

NEIC 16 03:54:14.6-0.5, 43.7N, 0.2x147.3E, 0.2, h67km, 14km, mb4.0/6, Error ellipse: s-maj=30.3km s-min=20.1km az=173.0

IDC 16 03:54:17.1-2.0, 42.99N, 146.63E, h83km, 79km, mb3.8/7, mbmp4.1/8, ML2.21, Error ellipse: s-maj=327.4km s-min=58.7km az=155.0

MOS 16 03:54:22.8-1.8, 43.55N, 146.10E, h107km, mb4.1/7, Error ellipse: s-maj=15.0km s-min=14.0km az=22.2

SKHL 16 03:54:23.6-0.4, 43.50N, 146.10E, h104km, 4km, mb4.6/3, msh5.9/3

NIED 16 03:54:23.8, 43.45N, 146.14E, h94km, MW3.6, Moment Tensor Solution, s3, Moment length: Mw3.1014Nm, Mn:1.89; Mw:1.45; Mv:0.44; Mh:0.60; Mv:0.47; Mw:2.01; Fault plane solution: M:2.66000x1014 Np1:78.78, 0.00000, 0.26, 0.00000, -1.49, 0.00000. Np2:214.00000, 0.71, 0.00000, -1.108, 0.00000

JMA 16 03:54:23.8, 0.2, 43.5N, 0.5-146.1E, 0.9, h94km, 1km, MV3.9/40, NEAR KUNASHIRI ISLAND

JMA Feit J1 at NEAR KUNASHIRI ISLAND

ISC 16 03:54:22.5-0.8, 43.45N, 0.06-146.20E, 0.05, h99km, 5km, n54, e080/65, mb3.9/11, 1C-20D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nemuro 2, Nemuro-Hokkai, Shikotan, etc.

2016 JUL

Main table with columns: SHO, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Shikotan, Yuzh-Kuril'sk, Kushirohama, etc.

IDC 16 05:19:39.7-1.9, 17.74S, 69.69W, h143km, 17km, mb3.5/5, mbmp3.8/7, Error ellipse: s-maj=27.6km s-min=19.8km az=99.0

GUC 16 05:19:39.6-0.8, 17.77S, 69.61W, h138km, 4km, ML3.8

ISC 16 05:19:39.1-0.8, 17.79S, 0.05-69.64W, 0.08, h140km, 7km, n21, c159/30, mb3.7/4, 2C-2D, Peru-Bolivia border region

816

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Chacalluta, Chuzmiza, etc.

IDC 16 05:24:54.6-1.3, 31.189Sx178.48W, h0km, mb4.4/2, mbmp4.6/3, ML4.4/1, Error ellipse: s-maj=42.4km s-min=35.1km az=141.0

NEIC 16 05:24:57.5-1.7, 32.10S, 0.08-178.5W, 0.1, h10km, 1km, mb4.5/12, Error ellipse: s-maj=17.6km s-min=9.8km az=312.0

WEL 16 05:25:02.7-0.8, 32.8S, 17.8W, 1.7, h33km, M4.5/12, mB5.0/9, ML5.0/18, MLV4.8/12, Mw(MB)4.3/9, Error ellipse: s-maj=0.0km s-min=0.0km az=112.2

ISC 16 05:25:00.9-0.7, 32.08S, 0.07-178.6W, 0.1, h35km, n61, e169/73, mb4.4/8, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Green Lake, Raou Island, Maunatani S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for CHOS, PSRA, SIGR, FOCM, ZEY, PRK, GPNR, KCOA, BLBC, DGB, BAYC, EZNY, BUHA, SMG, LIA, GADA, APE, AYDB, GELI, BODT, KRBG, ERIK.

IDC 16 06:50:59.9, 1.7, 54.62S, 143.65E, h0km, mb3.9/5, mblmp3.9/5, MS3.7/2, Error ellipse: s-maj=150.1km s-min=19.0km az=82.0

ISC 16 05:51:01.0, 1.8, 54.65S, 143.55E, 1.0, h10km, n15, 0578/7, mb4.1/5, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for RPZ, VANDA, URZ, H01W1, H01W2, H01W3, ASAR, WRA, QSPA, SNA, H08S2, H08S1, H08S3, FINES, ARCES.

RSNC 16 06:53:26.4, 0.9, 6.78N, 173.14W, h145km, 4km, ML3.0 IDC 16 06:53:31.4, 3.6, 6.13N, 173.19W, h204km, 28km, mb3.0/1, mblmp3.6/1, MS3.7/1, Error ellipse: s-maj=71.7km s-min=41.9km az=75.0

ISC 16 06:53:27.3, 1.0, 6.78N, 173.14W, 0.04, h137km, 7km, n24, c111/43, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for BARC, PAMC, RUSC, PTBC, TAMC, ZARC, NORC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for CHIC, ROSC, UREC, HELC, GUY2C, PTGC, CBOC, ANIL, ORTC, YOTC, LPIG, YKA, WRA, HNR, KOUNC, DZM, MARCN, COEN, WB0, WRA, H1S2, H1S3, H1S1, AS31, ASAR, H1N1, H1N3, H1N2, FITZ, USA0B, SONMI, SONM, QSPA, IMAR, MKAR.

GUC 16 07:40:31.2, 0.6, 26.67S, 70.80W, h43km, 2km, ML3.9 NEIC 16 07:40:32.4, 2.0, 26.64S, 70.90W, 0.1, h35km, 12km, mb4.1/3, ML3.7(GUC), Error ellipse: s-maj=14.8km s-min=9.1km az=96.0

ISC 16 07:40:31.7, 1.3, 26.65S, 70.81W, 0.07, h30km, 10km, n43, c109/56, mb4.1/3, 1C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for AC01, GO03, AC02, AC04, GO02, PB14, LCO, CO05, CO01, CO04, GO04, PB15.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for PB06, CO03, PB04, LVC, CO02, CO02, PB07, PB09, PB01, VA03, MT02, PB16, LPAZ, TXAR, TX32, TX32, TOAO, TOAO, TORD, TORD.

IDC 16 08:12:52.4, 0.9, 3.25N, 126.27E, h0km, mb4.2/9, mblmp4.2/9, MS3.3/7, Error ellipse: s-maj=140.5km s-min=15.3km az=69.0

DJA 16 08:12:58.0, 0.8, 4.1N, 12.12E, h37km, 18km, M4.4/1.1, mb4.5/7, MB5.1/5, MLV4.3/1.1, Mw(MB)4.5/5 NEIC 16 08:12:59.9, 1.3, 3.36N, 127.1E, 0.1, h56km, 9km, mb4.3/20, Error ellipse: s-maj=18.4km s-min=12.3km az=49.0

ISC 16 08:12:58.8, 0.5, 3.64N, 127.09E, 0.10, h48km, n70, c119/29, mb4.3/16, MS3.4/6, Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for SGSI, TMTI, DAV, LBMI, SANI, MRSI, SWI, TOL2, APSI, FBK, BKB, MTN, KNU, KNRA, YULB, TPUB, SSBL, FITZ, WRO, WRA, WR0, QIS, JCJ, AS31, ASAR, ASAR, WRA, MKAR, STKA, STKA, CMSA, ARMA, SONMI, SONMI, MK31, MKAR, ZALV, KURK, KK31, KK31, NRIK, ABKAR, ABKAR, ARU, ARU, IMAR, MLY, PPT, ILAR, BMAR, BCAR.

ISC 16 08:12:58.8, 0.5, 3.64N, 127.09E, 0.10, h48km, n70, c119/29, mb4.3/16, MS3.4/6, Talau Islands

ISC 16 08:12:58.8, 0.5, 3.64N, 127.09E, 0.10, h48km, n70, c119/29, mb4.3/16, MS3.4/6, Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for STKA, STKA, CMSA, ARMA, SONMI, SONMI, MK31, MKAR, ZALV, KURK, KK31, KK31, NRIK, ABKAR, ABKAR, ARU, ARU, IMAR, MLY, PPT, ILAR, BMAR, BCAR.

ARCES ARCESS Array B 90.66 340 P P 08 25 55.4 -0.5
comp=Z,0.8nm,0.8s,baz=96,slow=4.9,SNR=4.7
comp=Z,0.8nm,0.8s

GUC 16 08:13:54.6:0.9,22:23S:68:55W,h122km,6km,ML3.7
IDC 16 08:13:57.4:3.4,22:25S:68:25W,h135km,31km,mb3.3/3,
mbmp3.6/5,Error ellipse: s-maj=32.0km s-min=29.4km
az=68.0

ISC 16 08:13:55.4:0.9,22:26S:0.005:68:52W:0.07,h118km,8km,
n21,e077/31,Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Limon Verde, IPOC Station P, Patux Paita, etc.

PMTG 1.3nm,0.6s A A 08 18 40.1

IDC 16 08:19:43.0:19.0,3:36N:127.08E,h360km,220km,
mb3.3/3,mbtmp4.0/3,Error ellipse: s-maj=168.4km
s-min=36.7km az=57.0, Talaud Islands

WRA Warramunga Arr 24.23 163 P P
MKAR Makarani Array 58.06 325 P P
ARCES ARCESS Array B 90.62 340 P P

MOS 16 08:21:24.0:1.2,16:63N:145:75E,h144km,mb4.8/29,
Error ellipse: s-maj=11.3km s-min=6.7km az=96.4
BUI 16 08:21:24.2:0.0,16:63N:145:93E,h141km,mb4.8/45,
mb4.8/24

ISC 16 08:21:25.0:0.4,16:60N:145:75E, h144km,3km,
n144km:pp-P,n561,e1921/556,mb4.9/128,18C-11D,
Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guam, Warramunga Arr, Wake Island Hy, etc.

ENH Enshi 35.80 299 P P 08 28 11.9 +0.8

ENH Enshi 35.80 299 P P
SEUN Sibau 35.86 250 P P
CTAO Charters Tower 36.46 179 P P

CTAO Charters Tower 36.46 179 P P
XLT XiLinHaoTe 37.03 324 eP P
XLT XilinHaoTe 37.03 324 pP P

XAN Xi'an 37.31 305 pP P
XAN Xi'an 37.31 305 sP P
XAN Xi'an 37.31 305 ScP P

XAN Xi'an 37.31 305 pP P
XAN Xi'an 37.31 305 sP P
XAN Xi'an 37.31 305 ScP P

WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P

WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P

WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P

WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P

WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P
WRA Warramunga Arr 38.01 198 P P

Table with columns for station name, coordinates, elevation, and status. Includes stations like GAR, DAWY, YUKA, etc.

Table with columns for station name, coordinates, elevation, and status. Includes stations like ISA, CWC, GRAC, etc.

Table with columns for station name, coordinates, elevation, and status. Includes stations like MNK, MNC, X18A, etc.

ISC 16 08:25:53.8.4.1, 207'S:03:178:4W, h359km, 31km, mb3.1/4, mbmp3.8/5, Error ellipse: s-maj=66.7km s-min=26.5km

ISC 16 08:25:52.6:1.4, 207'S:03:178:4W, 0.2, h350km, n7, 1939'7, mb3.4/4, Fiji Islands region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF, ASAR, WRA, etc.

NNC 16 08:30:41.9:1.3, 50'69N:73'95E, h0km, mb3.7, mpv3.4, 1C-5D, Error ellipse: s-maj=24.3km s-min=10.8km

az=6.0, Suspected Mining explosion, Central Kazakhstan

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBB, KURKB, etc.

SOME 16 08:38:23.4, 39'55N:73'45E, h0km KRNET 16 08:38:24.2:0.1, 39'50N:73'52E, mb3.0

NNC 16 08:38:26.1:2.5, 39'56N:73'51E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=19.0km s-min=9.9km az=176.0

ISC 16 08:36:28.4:2.3, 39'71N:107'73'35E, 0.04, h0km, 14km, n23, 1834/30, 10C-5D, Tajikistan-Xinjiang border region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHH, ARLS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Garm, Terek-Say, Uchtor, Merke, etc.

Technical notes and coordinates: IDC 16 08:39:47.2.1.4, 36.30N-141.14E, h0km, mb3.6/5, mbmp3.5/6, ML2.9/1, MS2.4/2, Error ellipse: s-maj=32.1km s-min=29.3km az=42.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hitachinakayam, Hitachi, Itakohinouch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Puu Honuaula, Jonika Flow, Steam Cracks, etc.

SOME 16 09:15:54.2.39.53N-73.85E, h0km KRN16 09:15:58.0.1.1, 39.52N-73.60E, mb3.4 NNC 16 09:15:58.2.1.7, 39.62N-73.80E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=13.8km s-min=8.3km az=163.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Osh, Aral, Uchtor, Garm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Karatay Array, Karabastau, Karatobe, etc.

MDD 16 09:24:45.2.1.0, 36.30N-7.28W, h46km, 47km, Mb3.6/4, Error ellipse: s-maj=9.9km s-min=4.2km az=4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Barranco-do-Ve, Vaqueiros, Castro Verde, etc.

UGM Wanagama 6.29 286 P Pn 11 08 42.8 +0.9

NEIC 16 11:17:29.5,1.8,23.5S:0.1x179.8W:0.1,h527km,7km, mb4.5/36, Error ellipse: s-maj=19.1km s-min=15.2km az=106.0

IDC 16 11:17:31.0,1.5,23.49S:179.86W,h545km,17km, mb3.5/14, mbtmp4/17, Error ellipse: s-maj=15.4km s-min=12.2km az=107.0

NOU 16 11:17:31.1,23.53S:179.46W,h576km,mb4.5/22, South of Fiji Islands

ISC 16 11:17:30.9,0.4,23.55S:0.06:179.80W:0.08,h550km, n125, r132/142, mb4.4/31, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like LKBA, GLZK, MSVF, etc.

JGF comp=Z,12nm,1.3s Iamb Iamb 11 28 12.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like MJAR, ADK, KSRS, etc.

STKA Stephens Creek 16.17 94 P Pn 11 48 38.4 +1.9

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

IDC 16 12:05:21.3,2.3,27.44S:176:59W,h0km,mb3.8/3, mbtmp3/24, ML4.5/11, H53.5/4, Error ellipse: s-maj=64.8km s-min=27.6km az=118.0

NEIC 16 12:05:21.0,8,27.6S:0.1x176.6W:0.2,h235km,2km, mb4.5/11, Error ellipse: s-maj=24.7km s-min=19.7km az=296.0

ISC 16:12:05:26.6:1.1, 27.83S:0:09:176.7W:0.2, h34km, n28, o=079/26, mb4.4/10, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Nonsavu, RAO Urewera, RAO Black Stump Fm, etc.

mbtmp3.6/3, MS3.3/2, Error ellipse: s-maj=659.6km s-min=60.7km az=134.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TSUM Tsumbe, ATD Art Tunnel, VNSA Vanda, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 16:12:50:52.0:50.0, 17.62S:177.83W, h0km, mb3.9/3, mbtmp3.9/3, Error ellipse: s-maj=916.4km s-min=156.5km az=79.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

NNC 16:13:00:54.8:5.0, 37.35N:71.19E, h0km, mb3.8, mpv3.4, SC-20, Error ellipse: s-maj=50.6km s-min=34.1km az=62.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KK31 Karatay Array, CHMS Chumush, TKM2 Tokmak 2, etc.

BUI 16:13:12:47.2:0.0, 40.28N:141.14E, h21km, mb4.4/4/4, mb4.8/30, Ms4.1/33, Ms7.3/8/31

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include INU Inuyama, YSS Yuzh-Sakhalins, etc.

IDC 16:12:21:43.1:2.2, 26.72S:70.23W, h0km, mb3.8/1, mbtmp3.8/3, ML3.7/2, MS2.9/3, Error ellipse: s-maj=102.9km s-min=26.9km az=100.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AC01 Pan de Azucar, GO03 Copiap, AC02 Maricunga, etc.

JMA 04:12:48.8:0.0, 40.29N:140.92E, h8km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 1015N/M; Mn:2.54; Mw:-0.77; Mx:-1.78; My:1.05; Mz:3.29; Mr:1.72;

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KUR Kuril'sk, JAH Hinai, JANG Nango, etc.

NEIC 16:12:21:47.3:2.1, 26.64S:0:06:71.0W:0.2, h50km, 5km, Error ellipse: s-maj=25.2km s-min=7.6km az=98.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PB14 IPOC Station P, LCO Las Campanas, etc.

JMA Felt III J1 at NORTHERN AKITA PREF. NIED 16:13:12:48.8:0.0, 40.29N:140.92E, h8km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 1015N/M; Mn:2.54; Mw:-0.77; Mx:-1.78; My:1.05; Mz:3.29; Mr:1.72;

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAH Hinai, JANG Nango, JKC Kuzumaki, etc.

GUC 16:12:21:47.4:0.6, 26.80S:70.70W, h50km, 2km, ML3.9, ISC 16:12:14:47.2:1.0, 26.80S:70.70W, h0.08, h45.17 km, n42, r127/49, mb4.4/4, 2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AC01 Pan de Azucar, GO03 Copiap, AC02 Maricunga, PB14 IPOC Station P, LCO Las Campanas, etc.

MOS 16:13:12:49.0:1.2, 40.32N:140.93E, h24km, mb4.9/27, Error ellipse: s-maj=6.6km s-min=4.7km az=99.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAH Hinai, JANG Nango, JKC Kuzumaki, JTM Tenmabayashi, etc.

comp=E,10.0nm,2.8s,comp=E,8.0nm,1.3s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAW Awa shima, ERM Erimo, JSHD Hadakishinhida, JNBK Urakawa-nobuka, etc.

IDC 16:12:29:21.4:25.0, 28.34S:60.41E, h0km, mb3.6/3,

16d 13h

2016 JUL

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like OKH, ZEA, JOW, PETK, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like QIZ, PZH, DAV, WMQ, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TCOL, CHKK, SML, TNS, etc.

2016 JUL

16d 14h

Table listing station data for the first 16 days of July 2016. Columns include station name, coordinates, and time. Stations listed include Little Huntton, Yerrington, Carvers, etc.

Table listing station data for the first 16 days of July 2016. Columns include station name, coordinates, and time. Stations listed include Kappang, Kappag, Kappaga, etc.

Table listing station data for the first 16 days of July 2016. Columns include station name, coordinates, and time. Stations listed include NMC, M-2.49, etc.

16d 14h:45.6;0.7,2.88S;140.85E,h0km,mb4.1/12, mbmp4.2/14,ML4.4/1,MS3.5/15,Error ellipse: s-maj=25.0km s-min=16.8km az=83.0

16d 14h:47.0;0.2,99S;141.20E,h32km,mb4.7/34, mb4.9/17,MS4.4/3,MS7.4/13, DJA 16:14:07:49.6;1.1,3 S,3.14 1E, s;h26km,9km,MA.8/32, mb5.4/4,mb4.7/32,MLV4.8/7,Mv(mB)4.8/4

16d 14h:47.49;3.1,9.297S;10.08;140.99E;0.08,h33km,5km, mb4.7/21,Error ellipse: s-maj=12.4km s-min=11.1km az=221.0

Table listing station data for the period 17-31 July 2016. Columns include station name, coordinates, and time. Stations listed include Code, Station Name, Az, Op, Phase, ID, Time, Res.

Table listing station data for the period 17-31 July 2016. Columns include station name, coordinates, and time. Stations listed include XAN, XAN, XAN, etc.

Table listing station data for the period 17-31 July 2016. Columns include station name, coordinates, and time. Stations listed include RPZ, RPZ, RPZ, etc.

WEL 16:14:42.00,46.88S;165.99E,h7km,ML4.6,Mw4.9, Moment Tensor Solution. 57 Moment tensor: Scale 1016

16d 16h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KLU Klutina, SUCK Suckling Hills, WATT Susitna Watana, etc.

H21K Melezitina River 9.18 6 Pn Pn 15 54 38.6 +0.4
BCAR Beaver Creek A 9.36 41 Pn Pn 15 54 40.0 +1.1
J25K Salcha River 9.38 27 Pn Pn 15 54 40.0 -1.0
PETK Petropavlovsk- 26.91 263 P P 15 58 04.0 -0.6

TXAR Lajitas Array 45.05 105 P P 16 00 42.1 +2.7
SONM Songino Array 55.86 306 P P 16 02 01.1 +0.3
MKAR Makanchi Array 66.36 321 P P 16 03 11.6 -0.1

CMAR Chiang Mai Arr 83.18 293 P P 16 04 49.3 0.0
IDC 16 15:58:24.5±2.8, 3°50'N, 126°40'E, h0km, mb3.3/3,
mbmp3.3/3, Error ellipse: s-maj=262.3km s-min=28.3km
az=66.0

DJA 16 15:58:43.0±1.3, 3°N, 3°12'30"E, h12km, 11km, M4.1/9,
mb4.5/2, MLV4.0/9
ISC 16 15:58:43.1±1.3, 2.722N, 0.07, 125.9E, 0.1, h100km, Res,
±184/10, mb3.0/3, Talud Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SGSI Sangihe, SBM Labuha, MRSI Marisa, etc.

NEIC 16 16:01:35.7±2.0, 3°0'N, 101°12'29'E, 0.1, h509km, 10km,
mb4.5/32, Error ellipse: s-maj=18.3km s-min=14.9km
az=69.0

DJA 16 16:01:35.8±0.2, 3°N, 3°12'30"E, h493km, 2km, M4.3/3.1,
mb4.8/20, mb4.5/43, MLV4.9/20, Mw(mb)4.1/20
IDC 16 16:01:36.1±1.0, 2.939N, 122.83E, h515km, 11km, mb3.5/17,
mbmp4.5/19, Error ellipse: s-maj=17.2km s-min=8.5km
az=79.0

ISC 16 16:01:34.9±0.4, 2.972N, 0.04, 122.81E, 0.06, h500km, n142,
±184/161, mb4.3/35, 17C-2D, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MRSI Marisa, MRSI Cibinong, KMSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DAV Davo City (W), DAV Davo City (W), TMT Ternate, etc.

2016 JUL

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SJMP San Jose, SBUM Sibiu, PGP Puerto Galera, etc.

STKI Sintang 11.69 256 P P 16 04 11.7 +1.4
UGM Wangmaja 16.34 229 P P 16 04 58.0 -1.3
PPBI Pangkal Pinang 17.45 253 P P 16 05 10.6 +0.5

LEMA Lembeh 18.02 237 P P 16 05 17.3 +1.6
KDU Kakadu 18.27 149 P P 16 05 18.5 +0.6
TBJR Tanjung Pinang 18.39 254 P P 16 05 20.0 +1.1

DSRI Dabo 18.56 260 P P 16 05 21.1 +0.7
MYKM Kota Tinggi 19.88 267 P P 16 05 25.6 +1.2
KNRA Kunurra 19.44 163 Iamb Iamb 16 05 31.1

KALI Kota Agung 20.14 245 P P 16 05 36.6 +1.6
TPUB Tuba 20.32 354 P P 16 05 37.4 +0.9
TPUB Tuba 20.32 354 P P 16 05 38.7 +2.2

YOJ Yonaguni jima 21.37 1 P P 16 05 45.5 -0.5
YHNB Yeheng 21.62 356 Iamb Iamb 16 05 47.0 -1.4
BKI Bangkinang 21.92 264 P P 16 05 51.6 +0.5

BKNI Bangkinang 21.92 264 P P 16 05 52.0 +0.9
KULM Kulim 22.22 277 Iamb Iamb 16 05 53.5 -0.3
GSI Gunungsitoli 25.27 267 P P 16 06 19.7 -1.3

WBO Warramunga Arr 25.30 154 P P 16 06 20.7 -0.5
WRAB Tennant Creek 25.42 154 Iamb Iamb 16 06 20.9 -1.4
WRA 25.43 154 P P 16 06 22.2 -0.1

WRA 25.43 154 P P 16 06 22.2 -0.1
WRA 25.43 154 P P 16 06 22.2 -0.1
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WRA 25.43 154 P P 16 06 22.2 -0.1

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GTA Gaotai, MDJ Mudjanjari, SONM Songino Array, etc.

YAK Yakutsk 59.15 4 P P 16 10 45.6 -1.0
ZALV Zalesovo Ben 59.56 335 P P 16 10 48.3 -1.2
KURK Kurumochi 60.34 329 P P 16 10 54.7 0.0

MA2 Magadan 60.45 16 P Iamb Iamb 16 10 56.5 +0.1
MA2 Magadan 60.45 16 P P 16 10 56.2 +0.9
NRIK Noril'sk 70.28 347 P P 16 11 56.4 -0.5

NRIK Noril'sk 70.28 347 P P 16 11 55.5 -1.4
KBZ Khabaz 80.66 314 P P 16 12 55.2 -0.1
VNDA Vanda 83.19 172 P P 16 13 07.0 -0.5

MLY Manley 85.83 25 P P 16 13 20.6 -0.2
ILAR Eielson Array 87.47 25 P P 16 13 27.4 -1.2
GSPA South Pole Quei 92.88 180 P PKPdf 16 13 52.9 -0.8

IDC 16 16:05:11.7±3.1, 13°42'N, 90°9'W, h0km, mb3.6/3,
mbmp3.5/5, ML3.9/2, MS2.6/1, Error ellipse: s-maj=67.3km
s-min=48.5km az=18.0

SSS 16 16:08:27.9±1.1, 14°32'N, 91°18'W, h16km, 7km, ML3.2
SNET 16 16:08:27.9±1.1, 14°32'N, 91°18'W, h16km, 7km, ML3.2
GCG 16 16:08:28.8±0.8, 14°33'N, 91°37'W, h50km, 2km, MD4.0

ISC 16 16:08:26.4±1.4, 14°11'N, 91°49'W, 0.06, h4km, 10km,
n31, ±192/36, mb3.6/3, 3C-2D, Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RTAL Retalhuleu, STG3 Santiago 3, FUG Fuego 3, etc.

LOAL Lomas de Alarc 1.66 92 eP Pn 16 08 53.1 -0.3
LOAL Lomas de Alarc 1.66 92 eP Pn 16 08 53.1 -0.3
NUBE Las Nubes 1.67 95 eP Pn 16 08 53.1 -0.4

SBSL San Blas 1.83 97 eP Pn 16 08 55.8 0.0
SBSL San Blas 1.83 97 eP Pn 16 08 55.8 0.0
SNJE San Jose 1.84 96 eP Pn 16 08 55.9 -0.1

PMON Piamonte 2.14 99 eP Pn 16 09 00.0 +1.0
LFRS El Faro 2.40 100 eP Pn 16 09 03.4 0.0
LFRS El Faro 2.40 100 eP Pn 16 09 03.4 0.0

COEC Centro de Oper 2.57 100 eP Pn 16 09 06.1 +0.3
COEC Centro de Oper 2.57 100 eP Pn 16 09 06.1 +0.3
SCLA Alcadia de Sa 2.71 97 eP Pn 16 09 07.0 -0.6

SCLA Alcadia de Sa 2.71 97 eP Pn 16 09 07.0 -0.6
CMIG Matias Romero 4.44 313 Pn Pn 16 09 31.9 +0.6
CMIG 4.44 313 Pn Pn 16 09 31.9 +0.6

TXAR Lajitas Array 18.92 325 P P 16 12 42.8 +0.7
TKL Tuckaleschee C 22.59 17 P P 16 13 19.5 -2.1
NVAR Mina Array Bea 39.93 321 P P 16 15 05.0 +1.2

ILAR Eielson Array 62.98 337 P P 16 18 43.3 -2.8
CMAR Ching Mai Arr 146.09 342 PKPdf PKPdf 16 27 56.6 -2.5

IDC 16 16:14:06.1±1.1, 39°17'N, 73°58'E, h0km, mb3.6/7,
mbmp3.5/11, ML2.7/4, Error ellipse: s-maj=22.0km
s-min=20.0km az=143.0

SOME 16 16:14:06.7, 39°45'N, 73°57'E, h10km
NIN 16 16:14:08.7, 1.1, 39°44'N, 73°61'E, h0km, mb4.0, mpv3.6,
Error ellipse: s-maj=8.9km s-min=5.1km az=110.0
KRN 16 16:14:11.6, 0.0, 39°43'N, 73°53'E, mb3.8

ISC 16 16:14:08.0±0.8, 39°22'N, 0.05, 73°45'E, 0.03, h10km, n59,
±216/83, mb3.6/7, 12C-9D, Tajikistan-Xinjiang border

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, GAR Garm, TRKS Terek-Say, etc.

Table of station data for 16d 16h, including columns for station name, frequency, and other parameters.

Table of station data for 2016 JUL, including columns for station name, frequency, and other parameters.

Table of station data for WATA, WTTA, MOTA, RETA, SQTA, FETA, DAVA, and TORD.

TUL 16:53:30.3±0.8, 36.28N±0.01±.97, 56W±0.02, h3km, 7km, ML2.6, mb, Lg2.4/29(NEIC), Error ellipse: s-maj=1.9km s-min=1.5km az=36.0

NEIC 16:53:30.4±0.8, 36.27N±0.01±.97, 57W±0.02, h3km, 7km, Error ellipse: s-maj=1.8km s-min=1.7km az=78.0, Oklahoma

Table of station data for CROK, CROK, OK029, BLOK, BLOK, BLOK, GC02, OK031, QUOK, OK025, OK030, OK032, KAN13, OK034, KAN14, KAN17, OKCFA, KAN05, OKCSW, KAN10, KSN20, OK038, DEOK, OK035, FNO, KAN16, T35A, KAN12, CSTR, NOKA, US2A, TUL1, X34A, WMOK, WMOK, RLO, X37A, CBKS, AMTX, MIAR, MGMO, P38A, LCAR, CCM, P40A, PBMO, JCT, S44A.

IDC 16:58:04.0±1.4, 4.0, 4.77S, 147.24E, h0km, mb2.7/1, mbtm3.1/3, ML2.6/2, Error ellipse: s-maj=109.4km s-min=45.6km az=91.0, Bismarck Sea

Table of station data for PMG, PMG, WRA, ASAR, TORD.

IDC 16:58:50.5±1.4, 4.1, 4.68N, 144.36E, h0km, mb3.7/6, mbtm3.7/6, Error ellipse: s-maj=48.7km s-min=17.3km az=68.0

ISC 16:58:53.7±1.5, 14.7N, 0.2, 144.5E, 0.3, h27km, n7, 0.065/8, mb3.7/6, Mariana Islands

Table of station data for GUMO, MJAR, WRA, ASAR, CMAR, MKAR, KURBB.

IDC 16:59:21.8±2.1, 24.40N, 93.64E, h0km, mb3.5/5, mbtm3.7/6, ML3.2/1, Error ellipse: s-maj=73.8km s-min=22.6km az=69.0

ISC 16:59:28.9±2.2, 24.4N, 0.2, 93.7E, 0.5, h55km, n6, 0.150/6, mb3.5/5, Myanmar-India border region

Table of station data for CMAR.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MKAR Makanchi Array, SONMI Songino Array, PETK Petropavlovsk, WRA Warramunga Arr, ASAR Alice Springs.

IDC 16 17:07:58.4.2, 1.481S, 127.91E, h0km, mb3.2/1, mbtmp3.3/3, ML3.6/2, Error ellipse: s-maj=131.1km s-min=31.0km az=66.0, Banda Sea

Table with 4 columns: Code, Station Name, Time, Res. Rows include WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 16 17:17:58.1.2.8, 18.15N, 141.99E, h0km, mb3.6/3, mbtmp3.7/4, ML3.2/1, Error ellipse: s-maj=86.8km s-min=27.0km az=63.0, Marianne Islands region

Table with 4 columns: Code, Station Name, Time, Res. Rows include GUMO Guam, GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 16 17:30:36.1.1.2, 60.17S, 57.79W, h0km, mb4.2/6, mbtmp4.1/6, MS3.6/10, Error ellipse: s-maj=38.2km s-min=33.4km az=113.0

NEIC 16 17:30:40.1.1.5, 60.36S, 0.05:57.6W, 0.3, h16km, 5km, mb4.3/9, Error ellipse: s-maj=19.8km s-min=7.1km az=82.0

IDC 16 17:30:38.6.0.6, 60.25S, 0.09:57.3W, 0.1, h10km, n37, r152/26, mb4.3/7, MS3.6/10, South Shetland Islands

Table with 4 columns: Code, Station Name, Time, Res. Rows include ORCD Orcadas, EFI East Falkland, MG02 Cerro Sombrero, MG05 Puerto Natales, BELA Belgrano 2.

Table with 4 columns: Code, Station Name, Time, Res. Rows include PLCA Paso Flores, PLCA Paso Flores, VNA3 Neumayer Olym, VNA1 Neumayer-Stat, TRQA Tornquist.

Table with 4 columns: Code, Station Name, Time, Res. Rows include SNA4 Sanae, SNA4 Sanae, TROLL Troil, ANtarti, ML02 Panimaviva, MT02 Curacav.

Table with 4 columns: Code, Station Name, Time, Res. Rows include QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui.

Table with 4 columns: Code, Station Name, Time, Res. Rows include CPUP Villa Florida, LVC Limon Verde, SBA Scott Base, VNA4 Vanda.

Table with 4 columns: Code, Station Name, Time, Res. Rows include SIV San Ignacio, LPAZ La Paz, H10S3 ASCENSION HYDR60.24, H10S2 ASCENSION HYDR60.24.

Table with 4 columns: Code, Station Name, Time, Res. Rows include H10N3 ASCENSION HYDR61.32, H10N1 ASCENSION HYDR61.32, H10N2 ASCENSION HYDR61.34.

Table with 4 columns: Code, Station Name, Time, Res. Rows include BOSA Boshof, BOSA Boshof, BOSA Boshof, BOSA Boshof.

Table with 4 columns: Code, Station Name, Time, Res. Rows include TORO Torodi Ar, Bea, ASAR Alice Springs, ASAR Alice Springs.

Table with 4 columns: Code, Station Name, Time, Res. Rows include WRA Warramunga Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam.

IDC 16 17:40:52.9.0.7, 38.43N, 144.91E, h0km, mb3.9/14, mbtmp4.0/19, ML3.4/5, MS3.1/8, Error ellipse: s-maj=19.7km s-min=14.1km az=130.0

JMA 16 17:40:56.6.0.3, 38.6N, 140.145E, h53km, MV4.1/37, FAR E OFF NORTH HONSHU, ISC 16 17:40:58.1.0.5, 38.54N, 140.04:144.75E, 0.05, h35km, n116, r201/129, mb4.4/35, MS3.3/5, 1C, Off east coast of Honshu

Table with 4 columns: Code, Station Name, Time, Res. Rows include OFLUJ Ofunato, MIYJ Miyakonagasawa, JKMT Kesennumamotoy, JKMT Kesennumamotoy.

Table with 4 columns: Code, Station Name, Time, Res. Rows include JIKH Ishinomakikobu, JIKH Ishinomakikobu, JIKM Ichinosakei, JOM Ohasama.

Table with 4 columns: Code, Station Name, Time, Res. Rows include JANG Nango, JMM Marumori, JYK Kaneyama, JYK Kaneyama.

Table with 4 columns: Code, Station Name, Time, Res. Rows include JTM Tenmabayashi, JTM Tenmabayashi, JFT Otama, ERM Erimo.

Table with 4 columns: Code, Station Name, Time, Res. Rows include JOT Ohata, JOT Ohata, JCH Churui, JYJ Yasato.

Table with 4 columns: Code, Station Name, Time, Res. Rows include NEM2 Nemuro 2, NEM2 Nemuro 2, BSO1 Boso 1, BSO1 Boso 1.

Table with 4 columns: Code, Station Name, Time, Res. Rows include JEW Eniwo, JEW Eniwo, JSD Sado, JRV Ryogami san.

Table with 4 columns: Code, Station Name, Time, Res. Rows include JYJ JYJ, JYJ JYJ, JYJ JYJ, JYJ JYJ.

Table with 4 columns: Code, Station Name, Time, Res. Rows include JYJ JYJ, JYJ JYJ, JYJ JYJ, JYJ JYJ.

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Table with 4 columns: Code, Station Name, Time, Res. Rows include JYJ JYJ, JYJ JYJ, JYJ JYJ, JYJ JYJ.

IDC 16 17:40:52.9.0.7, 38.43N, 144.91E, h0km, mb3.9/14, mbtmp4.0/19, ML3.4/5, MS3.1/8, Error ellipse: s-maj=19.7km s-min=14.1km az=130.0

Table with 4 columns: Code, Station Name, Time, Res. Rows include SUA Suisita One, SUA Suisita One, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

Table with 4 columns: Code, Station Name, Time, Res. Rows include MLY Manley, MLY Manley, MLY Manley, MLY Manley.

IDC 16 17:44:11.7.1.1, 58.66N, 18.48E, h0km, mbtmp3.1/5, ML2.1/3, Error ellipse: s-maj=14.8km s-min=11.6km az=8.0

UPP 16 17:44:11.2.0.2, 58.75N, 18.64E, h1km, ML2.2, Explosion

HEL 16 17:44:11.7.0.8, 58.75N, 18.62E, h0km, ML2.3, Explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AGRB Hanur-Agry, VANB Van, SENK Senkaya-Erzuru, etc.

IDC 16 18:54:45.5 1.1, 2.4, 135x175, 28W, h0km, mb3.9/6, mtbmp4.1/8, ML4.0/2, MS3.9/36, Error ellipse: s-maj=44.8km s-min=24.3km az=151.0

NEIC 16 18:54:49.8 2.8, 2.3, 94S:0.08, 175:20W:0.08, h24km, 4km, mb4.7/21, Error ellipse: s-maj=12.9km s-min=8.7km az=140.0

ISC 16 18:54:51.7 0.5, 2.3, 87S:0.07, 175:24W:0.08, h35km, n76, c175/43, mb4.6/15, MS4.0/36, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAOF Raoul Island, MSVF Nonsavu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNRA Kununurra, SBA Scott Base, DAV Davao City (W), etc.

IDC 16 19:15:56.3 1.1, 2.9, 95S:141.17E, h0km, mb3.8/4, mtbmp3.8/6, ML4.0/1, Error ellipse: s-maj=30.1km s-min=16.4km az=89.0

NEIC 16 19:15:57.2 2.1, 2.8, 7S:0.10, 140:98E:0.09, h10km, 1km, mb4.3/9, Error ellipse: s-maj=17.3km s-min=14.0km az=203.0

ISC 16 19:15:59.0 0.7, 2.9, 5S:0.07, 140:99E:0.17, h23km, n36, c245/34, mb4.1/7, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GENI Genyem, MANU Manus Island, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ILAR Eielson Array, GSPA South Pole Qui, etc.

ATH 16 19:16:57.1, 41.52N:23.28E, h14km, 2km, ML2.2/4, Error ellipse: s-maj=3.2km s-min=1.3km az=4.0

SKO 16 19:16:58.1, 41.50N:23.27E, h2km, 38km, ML2.0/5, Error ellipse: s-maj=38.8km s-min=0.7km az=216.0

BE0 16 19:16:59.5 0.5, 41.54N:23.22E, h0km, ML2.3/7, ISC 16 19:16:55.8 1.1, 41.54N:0.02, 23.26E:0.02, h6km, 10km, n48, c1507/77, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNT Kendrikon, NVR Nevrokopi, SRS Serrai, etc.

Table with columns: HWUT, Hardware Ranch, 5.09 248, Pn, 19 37 13.7 -0.5, 19 38 55.2, etc.

Table with columns: HAW, comp=Z,48nm,0.7s, IAML, 20 02 58.9, etc.

Table with columns: U49A, Red Boiling Sp, 8.57 323, P, Pn, 20 02 15.6 -0.1, etc.

TUL 16 19:42:14.1-0.7,36.12N,0.011-97.06W,0.01, h6km,3km, ML2.6, mb, Lg2.45(NEIC), Error ellipse: s-maj=1.6km s-min=1.2km az=163.0

NEIC 16 19:42:14.8-0.5,36.128N,0.0110-97.07W,0.01, h4km,3km, Error ellipse: s-maj=1.5km s-min=1.5km az=48.0

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

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

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

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

NEIC 16 20:00:10.2-1.3,29.77N,0.03-79.43W,0.08, h0km,1km, mb3.77, mb, Lg3.0/62, ML3.8/50, Error ellipse: s-maj=11.7km s-min=4.7km az=84.0

IDC 16 20:00:12.3-1.1,29.44N,79.69W, h0km,mb3.2/5, mbmp3.3/3, Error ellipse: s-maj=68.0km s-min=5.7km az=20.0

ISC 16 20:00:10.3-0.7,29.76N,0.06-79.44W,0.07, h0km, n149, 0.691/153,mb3.4/4, Off east coast of United States

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

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

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

IDC 16 20:04:55.1-1.8,20.88S,177.66W, h498km,15km, mb3.2/5, mbmp4.3/9, Error ellipse: s-maj=26.1km s-min=19.9km az=124.0

NEIC 16 20:04:57.9,1.4,20.9S,0.2-177.88W,0.08, h50km,15km, mb4.3/18, Error ellipse: s-maj=31.0km s-min=10.3km az=162.0

ISC 16 20:04:54.6,0.8,20.7S,0.1-177.52W,0.10, h500km, n36, 1.127/33,mb4.2/15, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRO, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like n59, r1161/68, mb3.8/9, Southern Greece, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNVI San Vicente, SNVI San Vicente, CAHU Cacacuatiue, etc.

IDC 16 20:17:53.5, 1.2, 36.66N, 33.59W, h0km, mb3.8/13, m1btp3.8/13, MS3.6/32, Error ellipse: s-maj=38.0km

s-min=1.7, 7km az=1.0, ISC 16 20:17:55.1, 1.2, 36.77N, 0.2-33.6W, 0.1, h10km, n40, r0851/13, mb3.8/13, MS3.7/32, Azores Islands region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ESDC Sonseca Array, ESDC Sonseca Array, MDK Midelt, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THAL Thalerio, IMMV lera Moni Meta, LAKA Laka, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG, 545A Edgard, 152A Waverly Hall, etc.

IDC 16 20:20:09.4, 1.3, 36.37N, 21.77E, h0km, mb3.8/9, m1btp3.7/11, ML2.6/2, MS3.0/1, Error ellipse: s-maj=25.9km s-min=20.8km az=25.0

IDC 16 20:36:54.2, 0.9, 12.75N, 88.33W, h16km, 7km, MW4.1, UCR 16 20:36:54.5, 1.0, 12.73N, 88.34W, h33km, 22km, ML4.3, mb4.2(NEIC)

IDC 16 20:57:56.8, 3.3, 19.09S, 177.28W, h471km, 363km, mb2.7/5, m1btp3.5/4, Error ellipse: s-maj=74.6km s-min=30.1km az=164.0, Fiji Islands region

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

Table with columns: TXAR, Lajitas Array, 85.73 57 P, P, 21 09 45.4 -0.3

Table with columns: TORO, Torodi Arr. Bea, 174.00 170 PKPab, PKPab, 21 18 46.4 0.0

IDC 16 21:42:02.0:999.0,46:38N:63:07E, h0km, Error ellipse: s-maj=1374.0km s-min=105.8km az=143.0, Western Kazakhstan

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

IDC 16 21:43:32.5:2.1,4:21N:122:96E, h0km, mb3.4/3, mbtmp3.4/3, MS3.4/2, Error ellipse: s-maj=313.1km s-min=25.8km az=63.0, Celebes Sea

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

BUJ 16 22:25:54.5:0.0,1:60N:126:60E, h50km, mb4.6/4.0, mB4.9/24, Ms4.2/8, Ms7.4/0.9

DJA 16 22:25:54.7:0.2,2:2N:2:12E, h43km, mb3.4/3, mB5.2/9, mB4.9/28, ML4.7/18, Mw(MB)4.5/9

NEIC 16 22:25:54.6:1.9,1:59N:0:06E, h39km, mb4.8/81, Error ellipse: s-maj=10.9km s-min=7.1km az=48.0

IDC 16 22:25:55.4:2.5,1:63N:126:48E, h53km, mb4.2/17, mbtmp4.4/18, ML4.5/1, MS3.4/13, Error ellipse: s-maj=22.5km s-min=9.9km az=82.0

ISC 16 22:25:54.8:0.3,1:64N:0:03E, h47km, n225, s=120/225, mb4.7/65, MS3.5/15, 11C-3D, Northern Molucca Sea

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

Main table with columns: KNRA, Kununurra, 17.34 173 P, P, 22 29 53.9 -0.6

Main table with columns: LZH, comp=E,170nm,13.7s, LR, LR

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include MARD, COLD, KOPT, ILAR, KLMR, BMAR, BCAR, BRTR, ARCES, FINES, BURAR, BUR08, LSZ, HFS, TXAR, TORD.

RNSC 16:22:42.57:0.1,6.7,52N-75.57W, h19km,4km, ML3.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include UREC, ZARC, DBBC, HELC, PTBC, LCBC, CBCC, BRRC, NORC, CAPC, PTAC, GUY2C, SPBC, SJCC, BARC, ARGC, PAMC, ROSC, RUSC, ANIL, CHIC, YOTC, PRAC, CRJC, CMAR, MKAR, ZALV, KLR, AKTO, WRA.

IDC 16:23:13:29.1±5.3, 20.44N-94.72E, h81km, 47km, mb3.2/5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CMAR, MKAR, ZALV, KLR, AKTO, WRA.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ASAR, THE, ATH, DDA, GVD, GVD05, GVD08, KNDR, TMBK, IMMV, PRNS, CHAN, RODP, IDI, HRKL, ANKY, KTHR, MHLD, THR6, SANT, THR3, APE, ITM, EPID, KOSK, DAT, KLK, BODT, ARG, BDRM, LAKA, TURN, MULA, AKAS, TAVA, CAEL, CAEL, GOLH, GOLH, GOLH, KORT, KEZP, KEZP, BRTR, MMAI, MMAI, YTR, HMDT, HMDT, KRMI, PRNI, GHJH, MBRI, EIL, EIL.

IDC 16:23:23:26.8:0.8, 21.23Sx68.24W, h127km, 8km, mb4.1/3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include EIL, VRAC, CKRC, GERES, KRLC, KHSC, KACG, DPC, ESDC, HFS, FINES, NOA, TORD, MKAR, ZALV, SONM, IDC 16:23:23:26.8:0.8, 21.23Sx68.24W, NEIC, GUC, IDC 16:23:26.6:0.7, 21.19Sx0.04:68.47W, PB09, LVC, PATCX, G001, G001, TA01, TA01, AF01, AF01, PB11, TA02, TA02, PB06, PB06, PB06, PB04, PB04, PB04, PB05, PB05, PB15, PB15, PB16, PB16, PB10, PB10, PB12, PB12, PB12, PB12, PB18, PB18, PB14, G002, LPAZ, LPAZ, LPAZ, AC01, AC01, SIV, COU1, CPUP, SAML, BO01, G005, ITAB, TRQA, PLCA, TXAR, QSPA, ULM, TOAO, TOAO, TORD.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res, ISC, h, m, s, ISC. Rows include ASAR Alice Springs, WRA Warramunga Arr, WRB Warramunga Arr, TOAO Torodi Arr, TORQ Torodi Arr, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res, ISC, h, m, s, ISC. Rows include B927 Port Alberni, B927 Striped Peak, PFBF Port Renfrew, B04A Port Angeles, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res, ISC, h, m, s, ISC. Rows include HUBA Ross, Ewing Young ES, Gresham Mulino, McMinville, O, etc.

NEIC 17 00:42:51.8z, 2.1, 49.56N, 0.02z, 122.39W, 0.03, h12km, 2km, Error ellipse: s-maj=3.6km s-min=2.1km az=213.0

PGC 17 00:42:52.8z, 0.0, 49.56N, 0.02z, 122.39W, h1km, ML2.2, ML2.9/41, 36km northeast of Mission, Bc British Columbia, Canada

ISC 17 00:42:52.2z, 1.0, 49.53N, 0.02z, 122.42W, 0.01, h8km, 3km, n123.1, s150.0/201, British Columbia

NEIC 17 01:16:43.5z, 2.0, 45.48N, 0.03z, 122.85W, 0.04, h26km, 1km, Error ellipse: s-maj=4.2km s-min=3.9km az=104.0

SEA 17 01:16:43.9z, 1.9, 45.48N, 0.03z, 122.81W, 0.04, h27km, 6km, ML3.0/134, ML2.9/54(NEIC), Error ellipse: s-maj=4.1km

ANF 17 01:16:43.2z, 0.2, 45.46N, 0.02z, 122.76W, h12km, 2km, ML3.3/13, Error ellipse: s-maj=2.4km s-min=1.8km az=112.0

ISC 17 01:16:43.6z, 0.9, 45.48N, 0.02z, 122.82W, 0.02, h30km, 4km, n93.3, o884/114, Washington-Oregon border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G08A, I07A, K04D, K05A, D08A, L04D, L04D, B08A, J08A, BMO.

SOME 17 01:26:52.9,39°50'N,73°22'E,h0km NNC 17 01:26:53.8,2.4,39°40'N,73.42E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=17.3km s-min=8.7km az=172.0

KRNET 17 01:26:54.3,0.1,39°44'N,73.55E,mb3.2 ISC 17 01:26:52.9,1.6,39°40'N,73.64E,0.04,h10km,n31, e173°51,6C-13D,Tajikistan-Xinjiang border region

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data points.

WEL 17 01:28:02.5,1.0,45°S,5°16'E,az129.1,South Island MLV3.6/9, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DCZ, MSZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSZ, MLZ, WHZ, WKZ, PYZ, EARN, JACK, TUAP, APZ, SYZ, LBZ, ODZ, F0Z, TMZ, GCSZ, ARUND, RPZ, WYV, WAZ, RACZ, INZ, OXZ, MOZ, LTZ, OKCZ, GVZ, DSZ, KHZ, MRNZ, ORZ, NNZ, TUWZ, CAW.

MOS 17 01:31:43.0,0.8,30°66'N,41°76'W,h10km,mb5.3/88, MS4.7/16, Error ellipse: s-maj=7.5km s-min=4.2km az=50.9

IDC 17 01:31:44.1,0.4,30°63'N,41°81'W,h0km,mb4.8/42, mb1mp4.8/42,MS4.7/81, Error ellipse: s-maj=11.8km s-min=9.9km az=159.0

BUI 17 01:31:44.2,0.0,30°70'N,41°80'W,h10km,mb5.3/16, MB5.8/8,MS5.2/12,MS7.5/0,12

NEIC 17 01:31:45.5,1.2,30°67'N,0°09'41'W,0.10,h10km,1km, mb5.2/636, Error ellipse: s-maj=15.8km s-min=13.5km az=150.0

GCMT 17 01:31:48.5,0.1,30°79'N,0°01'41'W,0.01,h12km, MW5.4/155, Moment Tensor Solution, s88,6130, s155,c301, Duration: 1s2, Moment tensor: Scale 1017 Nm; M1: -1.35±0.2; M2: 0.19±0.2; M3: 1.16±0.1; M4: 0.32±0.5; M5: 0.44±0.1; M6: -0.23±0.4; Best double couple: M1: 3.9500±0.1017; NP1: 215.0000±0.845,00000°, λ-69.00000°. NP2: 7.00000±0.649,00000°, λ-110.00000°. Principal axes: T: 1.3340, P1g2: 0.0000±0.0000; N: 0.1180, P1g1: 0.0000±0.0000; Azm2: 0.0000±0.0000; P: -1.4550, P1g7: 0.0000±0.0000; Azm2: 0.0000±0.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 17 01:31:45.5,0.5,30°51'N,0°05'41'W,0.04,h10km,2km, h10km,pP,n1248,-1835/1059,mb5.2/447,MS4.7/110, 34C-43D, Northern Mid-Atlantic Ridge

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data points.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data points.

17d 1h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PCBR, BMNY, POLO, PMRV, etc.

2016 JUL

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BOAV, BOAV, O53A, O53A, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like 250A, 250A, X48A, X48A, etc.

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like SUMG Summit, CCAR Cane Creek, LIC Lamto, etc.

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like NATX Nacogdoches, X37A Clayton, KBA Koelbreinse, etc.

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like BDFB Brasilia, FNO Franklin, KAN06 Argonia West S, etc.

17d 1h

2021 JUL

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BOSC, FFC, VYHS, ABTX, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RWVW, SRS, XOR, ATAL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PB18, VASR, SIGH, LOHW, etc.

Table with columns: ILAR, comp, Z, 24nm, 0.9s, baz=58, slow=4.5, SNR=123, LR, LR, 02 13 01.0. Includes rows for ILAR, ILAR K24K, COLD, COLD, POKR, TGL, E22K, VRDI, HDA, CRQE, CRQE, GLB, WAX, G23K, COLA, COLA, COLA, TCOL, H22K, N25K, MT05, H23K, MAK, MAK, MAK, MAK, G22K, LMEL, I23K, BMRM, NEA2, MT09, M24K, DHY, RAGM, H22K, KAIM, F21K, MCK, MCK, MCK, MCK, MLY, WAT6, EYAK, BO01, G21K, SCM, WAT1, ARU, ARU, ARU, ARU, FID, I21K, M23K, H21K, H21K, HIN, BPAW, BPAW, GLI, GLI, TRF, SML, KNK, GHO, Q23K, G205, PMR, PMR, PMR, PMR, SVE, SVE, PWL, CUT, CHUM, CAST.

Table with columns: CAST, Castle Rocks, M20K, R201, PPLA, J20K, J20K, SUA, SKT, SKT, O22K, SEW, K20K, K20K, L20K, SPCR, M20K, AKTO, BRSE, M19K, M19K, L19K, L19K, O20K, NRIK, NRIK, NRIK, NRIK, ILSW, N19K, P19K, SVW2, Q20K, ABKAR, N18K, N18K, O18K, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, MBAR, MBAR, OHAK, OHAK, O17K, T20K, P17K, TNA, N16K, PLCA, PLCA, O16K, SII, RAYN, RAYN, RAYN, RAYN, P16K, R17K, LODK, LODK, CHIR, FURI, FURI, TIXI, TIXI, TIXI, BRVK, BRVK, BRVK, BRVK, GAMB, BVAR, S14K, GEYT, GEYT, GEYT, GEYT, CHNA, ATD, S12K.

Table with columns: BRZS, Berezni, BRZS, Berezni, KMBO, Klilma Mbogo, KMBO, Klilma Mbogo, LSZ, Lusaka, SPIA, Saint Paul Is, KIBK, Kibwezi, UNV, Unalaska Valle, KURK, Kurchatov, KURK, Kurchatov, KURB, Kurchatov Arra, KURB, Kurchatov Arra, HRA, Herat, KK31, Karatay Arra, KK31, Karatay Array, KKAR, Karatay Array, KKAR, Karatay Array, ZALV, Zalesovo Beam, ZALV, Zalesovo Beam, ZALV, Zalesovo Beam, UOSS, Minazif, IUG, Iuzhnay, IUG, Iuzhnay, TAS, Tashkent, TAS, Tashkent, MATP, Matopo, SEM, Semipalatinsk, SEM, Semipalatinsk, BTLS, Baital, BTLS, Baital, NIKH, Nikolski High, LBTB, Lobates, BTK, Batken, BTK, Batken, TETE, Tete, SGDS, Sogdina, SEY, Seymchan, SEY, Seymchan, SEY, Seymchan, EKS2, Erkin-Say, SUR, Sutherland, AML, Almayashu, RPN, Rapa Nui, CHMS, Chumysh, CHMS, Chumysh, AAK, Ala-Archa, AAK, Ala-Archa, AAK, Ala-Archa, KUU, Kurty, KUU, Kurty, KBK, Karagaybulak, UCH, Uchtor, WSAR, Wadi Sarin, TKM2, Tokmak 2, TKM2, Tokmak 2, CHKK, Chushkaly, CHKK, Chushkaly, ARXS, Arthary, YAK, Yakutsk, YAK, Yakutsk, YAK, Yakutsk, MDOK, Medeo, MDOK, Medeo, TNSS, Tian-Shan, TNSS, Tian-Shan, ULHL, Uluho, MK31, Makanchi Array, MKAR, Makanchi Array.

17d 3h

Table with columns: Code, Station Name, Az, El, Op, P, PKIKP, Time, Res. Includes stations like WATA Walderalm, WTTA Wattenberg, ABTA Abfaltersbach, MOTA Moosalm, SOTA Sankt Quirin, BNI Bardonecchia, SSB Saint Sauveur, RAFF Raffo Rosso, KEST Kesra, PBRG Braganca, PGAV Gavieira, Arco, PCAB Cabril, POLO Lamas de Olo, PVRL Vila Real, MVO Moncorvo, PVIS Viseu, ESDC Sonseca Array, MTE Manteigas, PCAS Casimiro, PCAS Castelo Branco, PMRV Marv???, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea.

IDC 17 01:58:40.5:0.6,29.18S:61.22E,h0km,mb4.1/12, mbtmp4.2/13,ML4.6/1,Error ellipse: s-maj=24.4km s-min=18.0km az=44.0
NEIC 17 01:58:46.8:1.4,28.37S:0.09:61.2E:0.1,h10km,1km, mb4.4/17,Error ellipse: s-maj=20.7km s-min=13.0km az=123.0

Table with columns: Code, Station Name, Az, El, Op, P, PKIKP, Time, Res. Includes stations like RER Riviere de l'E, ROCAM Rodrigues Isla, FOMA Nahampoana Res, WOI Voitskos, ABPO Ambohimpnom, OPO Ambohitrampom, OPO 0.1nm,0.3s,baz=67,slow=18,SNR=2.5, H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H01W2 Cape Leeuwijn H, H01W3 Cape Leeuwijn H, H01W1 Cape Leeuwijn H, KSM Kuching, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, QSPA South Pole Qui, QSPA Shilling, HRA Herat, VANDA Vanda, ASAR Alice Springs, WRA Warrungarra Arr, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, AAK Ala-Archa, DBIC Dimbokro, PRZ Przheval'sk, BR13 Keskin Array S, BR13 Keskin Array B, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Akbulak array, MLR Muntele Rosu, KURK Kurchatov, BURAR Bucovina Array, AKASG Malin Array Be, AKBB Malin Array S, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ARU Art, SONMI Songoing Array, SONMI Songoing Array, WATA Walderalm, FETA Feichten.

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Table with columns: Code, Station Name, Az, El, Op, P, PKIKP, Time, Res. Includes stations like META Moosalm, META Reutte, DAVA Damuels, ESDC Sonseca Array, ESDC Sonseca Array, ESDC Sonseca Array, ULM Lac du Bonnet, PDAR Pinedale Array, TXAR Lajitas Array.

NIED 17 02:55:28.2:32.58N:130.72E,h7km,MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mw:1.92, Mw0.34, Mw0.226, Mw-0.88; Mw2.66; Mw-0.50; Fault plane solution: M3:45000x10^14 NP1: 0:184.00000, 0:860.00000, 1:146.00000. NP2: 0:292.00000, 0:861.00000, 1:35.00000.

Table with columns: Code, Station Name, Az, El, Op, P, PKIKP, Time, Res. Includes stations like JMA 17 02:55:28.2:0.0,32.6N:0.1x130.7E:0.2,h7km,MV3.6/20, 2D, SOUTHERN KUMAMOTO PREF,Kyushu, JIU3 Izumi3, JIU3 JIU3, JTA Tamana, JTA JTA, JZO Kuchi, JZO JZO.

JMA 17 03:54:24.3:0.4,25.1N:122.5E:0.8,h13km,3km, MV2.4/B, NW OFF ISHIGAKIJIMA IS TAP 17 03:54:26.1,24.63N:122.54E,h18km,ML2.8,D ISC 17 03:54:25.6:1.0,24.66N:0.03:122.54E:0.02,h17km,8km, n60,c058/106,Taiwan region

Table with columns: Code, Station Name, Az, El, Op, P, PKIKP, Time, Res. Includes stations like JYNG Yanagunijimaka, JYNG Yanagunijimaka, YOJ Yanagunijima, YOJ Yanagunijima, EGS 0.1nm,0.3s,baz=291, TWB1 Santiaog Chiao, TWB1 Santiaog Chiao, TWC Suao, TWC Suao, TWC Toucheng, NTC Toucheng, TIPB Shuangxi, TIPB Shuangxi, EWUT Wuta, EWUT Wuta, SXII Grass Mountain, NDS Dongshan, ENA Nanau, ENA Nanau, TWE Neicheng, TWE Neicheng, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wufen Shan, WFSB Wufen Shan, FUSB Fushanzhiwuyua, FUSB Fushanzhiwuyua, LATG Datong, LATG Datong, NHDH Xindian Distri, NHDH Xindian Distri, ETL Fush Village, ETL Fush Village, NACB Ninganchiao, NACB Ninganchiao, YMO1 YMO1, YMO1 YMO1, TWD Chiawan, TWD Chiawan, TWD Chiawan, PCYT Pengchayiu, YHNB Yehning, YHNB Yehning, ETLH Xiutun Townshi, ETLH Xiutun Townshi, NSK Sangung, NSK Sangung, YMO1 YMO1, TWS1 Kuangyinshan, IRIF Itomote-Funau, IRIF Itomote-Funau, FUSS Fushou, FUSS Fushou, WHF Hehuan Shan, WHF Hehuan Shan, WHF Hehuan Shan, NFF Wufeng Townshi, NFF Wufeng Townshi.

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Table with columns: Code, Station Name, Az, El, Op, P, PKIKP, Time, Res. Includes stations like TWT Tachien, HATJ Haterumajima, HATJ Haterumajima, ESL Shilin, TDCB Techi, CHGB Renai, CHGB Renai, LIOB Emei, LIOB Emei, NSTT Nanjiang, NSTT Nanjiang, JKRS Kuroshima, JKRS Kuroshima, JGRS Guangfu, JGRS Guangfu, OWD Renai, OWD Renai, OWD Renai, WUSB Renai, WUSB Renai, WUSB Renai, JIU Ishigaki jima, JIU Ishigaki jima, WHP Taichung City, WHP Taichung City, HGSD Ruisui, HGSD Ruisui, HGSD Ruisui, VVDT VVDT, VVDT VVDT, EHY Hungye, EHY Hungye, EHY Hungye, WCS Beigang Elemen, WCS Beigang Elemen, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SSSL Suanglung, SSSL Suanglung, YULB Yu-li, YULB Yu-li, YULB Yu-li, TYC Yuchr, TYC Yuchr, TYC Yuchr, EYUL Yuli, EYUL Yuli, EYUL Yuli, FULL Fuli, FULL Fuli, FULL Fuli, YUS Yu-Shan, YUS Yu-Shan, YUS Yu-Shan, STYH Taoyuan, STYH Taoyuan, CHN4 Tsauhsien, CHN4 Tsauhsien, CHN4 Tsauhsien, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi.

GFZ 17 03:54:56:1.8,21.3N:0.1:1.716E:0.1,h10km,5km, Error ellipse: s-maj=19.8km s-min=17.6km az=203.0, NEIC 17 03:54:57.6:1.3,21.4N:0.1:1.716E:0.1,h10km,1km, mb4.1/20, Error ellipse: s-maj=22.9km s-min=21.3km az=202.0

IDC 17 03:54:59.2:0.9,21.52N:72.39E,h0km,mb4.0/11, mbtmp4.0/11,MS3.3/1, Error ellipse: s-maj=24.4km s-min=18.2km az=50.0, NDI 17 03:55:02.1:2.4,21.64N:72.49E,h7km,15km,ML4.2, mb4.1(NEIC)

Table with columns: Code, Station Name, Az, El, Op, P, PKIKP, Time, Res. Includes stations like BOM Bombay, BOM Bombay, BHUJ Bhuj, BHUJ Bhuj, BHUJ Bhuj, POO Poona, POO Poona, POO Poona, LATR Latur, LATR Latur, LATR Latur, AJM Ajmer, AJM Ajmer, NGP Nagpur, NGP Nagpur, JHNS Jhansi, JHNS Jhansi, JHNS Jhansi, HYBB Hyderabad (bro), HYBB Hyderabad (bro), KUDL Kundal, KUDL Kundal, THW Thamme Wali, THW Thamme Wali, PYUN Piuthan, PYUN Piuthan, PCHI Pechchi, PCHI Pechchi, KOLN Koldanda, KOLN Koldanda, NIL Nilore, NIL Nilore, CHCP Chirah Chowk, CHCP Chirah Chowk, DANN Dangsing, DANN Dangsing, GKN Gorkha, GKN Gorkha, DMN Daman, DMN Daman, KKN Kakani, KKN Kakani, PKIN Phulchoki, PKIN Phulchoki, PKI Pulchoki, PKI Pulchoki, KBL Kabul, KBL Kabul, GUN Gumba, GUN Gumba, JIRN Jiri, JIRN Jiri, RAMN Ramite, RAMN Ramite, ODAN Odare, ODAN Odare, HRA Herat, HRA Herat, GAR Garm, GAR Garm, SHL Shilling, SHL Shilling, SHL Shilling, BTK Batken, BTK Batken, BTK Batken, TARG Taray, TARG Taray, BOOM Boomsokye, BOOM Boomsokye, BOOM Boomsokye, AAK Ala-Archa, AAK Ala-Archa.

Table with columns: KKAR, Karatay Array, 21.39 356, P, P, 03 59 47.8 -1.8, etc.

IDC 17 04:02:44.4, 1.3, 7.245S, 155.81E, h0km, mb3.6/5, mblp3.8/6, ML2.5/1, MS3.7/10, Error ellipse: s-maj=44.8km s-min=25.1km az=138.0

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

IDC 17 04:17:58.2-0.6, 36.30N, 97.54W, h0km, mb4.1/10, mblp4.1/19, ML4.0/9, MS3.4/17, Error ellipse: s-maj=12.5km s-min=10.2km az=159.0

Table with columns: BLOK, Blackwell, 0.52 27, P, Pb, 04 18 09.5 -0.2, etc.

Table with columns: ABTX, Lake Whitney, 4.29 179, P, Pn, 04 19 04.7 +0.7, etc.

Table with station codes (N41A, W45A, P43A, etc.), names, frequencies, and other parameters.

Table with station codes (P49A, H43A, TKL, etc.), names, frequencies, and other parameters.

Table with station codes (FFC, NEW, J59A, etc.), names, frequencies, and other parameters.

TUL 17 04:22:40.7-0.8, 36.292N, 02:02:97.51W-0.02, h6km, 7km, ML3.5, mb, Lg3.28(NEIC), Error ellipse: s-maj=2.3km s-min=0.9km az=55.0

Table with station codes (CROK, OK029, etc.), names, frequencies, and other parameters.

BUI 17 04:23:52.2-0.0, 35.82N-140.69E, h32km, mb4.8/69, mb4.9/46, M4.3/65, M7 4.1/66, MOS 17 04:24:00.4-0.9, 36.07N-139.82E, h44km, mb5.4/84, Error

17d 4h

Table with columns for station code, name, coordinates, and various performance metrics (e.g., SNR, error rates).

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Table with columns for station code, name, coordinates, and various performance metrics (e.g., SNR, error rates).

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Table with columns for station code, name, coordinates, and various performance metrics (e.g., SNR, error rates).

Table with columns: Station Name, Frequency, Class, Mode, and other details. Includes stations like TPI Tanjungpandan, HNR Honiara, BOOM Boomsysteme usch, SKT Iskwenina, E22K Anakutuvuk Pass, etc.

Table with columns: Station Name, Frequency, Class, Mode, and other details. Includes stations like AML Almayashu, AML Almayashu WAT6, POKR Poker Plat Res, M23K Glacier View, DHY Denali Highway, etc.

Table with columns: Station Name, Frequency, Class, Mode, and other details. Includes stations like TAS Tashkent, TAS Tashkent, YUK3 Moose Creek, DAWY Dawson, I29M Ogilvie Camp, etc.

Table with columns: Station, Name, Time, Altitude, Frequency, Mode, and other technical details. Includes stations like DZM, APA, BJO1, GEYT, etc.

Table with columns: Station, Name, Time, Altitude, Frequency, Mode, and other technical details. Includes stations like KIV, VSU, EDM, G05D, etc.

Table with columns: Station, Name, Time, Altitude, Frequency, Mode, and other technical details. Includes stations like NOA, MPK, AKN, PAHR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Schefferville, Anoyia, Cooke's Peak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Jarrell, WI Miller and, Alum Creek Sta, etc.

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

Table with columns: ZALV, comp, station name, time, and other parameters. Includes stations like Zalesovo Beam, KIC, SonM, etc.

RSNC 17 05:46:11.6:0.9, 6:56N-73:51W, h109km, 4km, ML3.7, Mw3.9, 4C-6D, Fault plane solution: NP1;phi=45.00000°, delta=18.00000°, lambda=18.00000°, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their associated data.

Table with columns: YOTC, comp, station name, time, and other parameters. Includes stations like Capurgana, MACC, CRUC, etc.

IDC 17 05:57:30.4:2.1, 3:07N*41:71W, h0km, mb3.9/8, mbmp3.9/8, MS3.6/20, Error ellipse: s-maj=62.3km, s-min=24.4km, az=10.0

NEIC 17 05:57:34.2:0.5, 31:15N, 0:07:41.6W, 0:2, h10km, 1km, az=116.0, Error ellipse: s-maj=24.4km, s-min=7.1km

ISC 17 05:57:33.5:0.8, 31:0N, 0:2:41.59W, 0:10, h13km, n67, 0:05:43, mb4.5/18, MS3.6/20, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their associated data.

Table with columns: ZALV, comp, station name, time, and other parameters. Includes stations like Zalesovo Beam, Zalesovo Beam, etc.

TUL 17 05:58:22.9:0.8, 36:285N, 0:00:8, 97:51W, 0:01, h6km, 7km, ML2.5, mb, L2:3:20, (E/C), Error ellipse: s-maj=1.6km, s-min=1.0km, az=124.0

NEIC 17 05:58:23.0:0.8, 36:28N, 0:01:97.53W, 0:01, h4km, 7km, Error ellipse: s-maj=1.6km, s-min=1.2km, az=188.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their associated data.

KRNET 17 06:13:52.9:0.1, 39:42N, 73:67E, mb3.8, SOME 17 06:13:55.4, 39:58N, 73:60E, h0km, NNC 17 06:13:58.0, 1.6, 39:54N, 73:65E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=12.7km, s-min=6.5km, az=172.0

ISC 17 06:13:57.9:1.2, 39:58N, 0:05:73.49E, 0:03, h10km, n46, delta=29.977, 21C-12T, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their associated data.

Table with columns: IUG, 5.6nm, 0.7s, eS, Sg, 06 15 56.9 +1.3, SHLS, Shalkode, baz=48, 1.05 38 eP, Pn, 06 16 54.4 +1.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

Table with columns: SHLS, Shalkode, baz=48, 1.05 38 eS, Sn, 06 17 11.5 +3.7, SHLS, Shalkode, 10nm, 0.1s, 1.05 38 eP, Sn, 06 16 54.4 +1.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

Table with columns: SGDS, 2.9nm, 0.6s, eS, Sb, 06 18 07.5 +2.6, SGDS, Sogindy, 1.4nm, 0.6s, 3.11 292 Pg, Pb, 06 17 27.0 +0.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bay, WB0 Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MK31 Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJO San Juan, MDP Montagnes des Roches, MDT Midelfelt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, ELK Elko, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DJA 17 07:29:09.4, NEIC 17 07:29:13.9, ISC 17 07:29:09.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB0 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SANI Sanana, LBMI Labuha, NLAI Namlea, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Karatay Array, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CROK Carrier, OK029 Liberty Lake, M20K Styx River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAN05 Bluff City Nor, OKC50 OKLAHOMA CITY, KAN01 Argonia South, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R32A Long Quarter, X37A Clayton, X37A Clayton, etc.

IDC 17 07:29:06.8, 0.8, 4.19N, 126.67E, h0km, mb4.0/1, mbmp4.0/11, MS3.7/4, Error ellipse: s-maj=55.0km s-min=15.5km az=75.0

IDC 17 08:00:31.2, 5.0, 37.02N: 71.96E, h137km, 30km, mb3.7/7, mbmp3.7/13, Error ellipse: s-maj=62.7km s-min=21.3km az=153.0

IDC 17 08:00:37.3, 3.2, 37.64N: 71.60E, h155km, 62km, mb2.8, mpv3.4, Error ellipse: s-maj=30.8km s-min=19.3km

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Mountain Grove, Woolly Hollow, White Oak Lake, etc.

NOU 17 08:16:51.2, 15:91S:167.67E, h0km, MLV4.4/4, Vanuatu Islands, Vanuatu Islands

17d 17 08:19:28.0:0.8, 30.71N:141.78W, h0km, mb3.9/15, mbmp3.9/15, MS3.6/38, Error ellipse: s-maj=25.9km s-min=16.9km az=8.0

NEIC 17 08:19:31.8:1.2, 30.71N:141.77W:0.1, h1=0.5km, mb4.4/29, Error ellipse: s-maj=24.4km s-min=19.4km az=168.0

ISC 17 08:19:30.8:0.6, 30.6N:141.71W:0.0, h10km, n99, o=68/66, mb4.3/41, MS3.7/38, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Princeton, Bathurst New B, Sherman, etc.

Main table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Abtaltersbach, Samuel, Lac de Bonnet, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Salisbury, Bigot, Morne Pois Mar, etc.

17d 17 08:43:19.8:1.2, 18.00N:67.85W, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=32.7km s-min=26.2km az=53.0

OSPL 17 08:43:34.3:1.6, 18.36N:67.48W, h186km, 14km, ML4.0, Error ellipse: s-maj=14.1km s-min=8.5km az=217.0

RSPR 17 08:43:36.4, 18.34N:67.76W, h151km, 2km, MD3.9/15, Error ellipse: s-maj=14.1km s-min=8.5km az=217.0

ISC 17 08:43:36.8:0.7, 18.28N:67.76W:0.04, h147km, 5km, n98, o=22/215, mb3.4/6, 14.65D, Mtna Passage

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Puerto Rico Se, Agua, Aguadilla, etc.

TRN 17 08:42:18.9, 15:28N:60.70W, h68km, MD2.3, Leeward Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Trn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDB Medias, GIRR Girov, BIZ Bicaz, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIED 17 09:03:15.7, 33.98N, 137:33E, h345km, MW4.0, Moment Tensor Solution, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

IDC 17 09:08:42.8-44.0, 17:94S: 174:31W, h0km, mb4, 1/3, mbmp4, 1/3, Error ellipse: s-maj=838.3km s-min=177.5km az=81.0

NEIC 17 09:08:56.2-1.9, 16:55S: 0:5-175:2W, 0.2, h69km, 16km, mb4.6/12, Error ellipse: s-maj=67.4km s-min=29.8km az=169.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, ARMA Armidale, CTAO Charters Tower, etc.

TIR 17 09:09:41.8, 41:27N-20:87E, h7km, 1km, Md2.7, ML2.4 SKO 17 09:09:42.2, 41:21N-20:83E, h23km

ATH 17 09:09:42.9, 41:26N-20:88E, h10km, 31km, ML2.3/1, Error ellipse: s-maj=31.6km s-min=3.1km az=0.0

BEO 17 09:09:43.9, 0.5, 41:25N-20:86E, h6km, 6km, ML2.0/8

ISC 17 09:09:43.1, 0.9, 41:26N-20:87E, 0.02, h11km, 7km, n34, 0.966/57, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OHR Ohrd, PHP Peshkopia, FNA Florida, etc.

Table with columns: SKO, eLg, Lg, 09 10 11.5, ISA, S, Sn, 09 17 31.0 +0.5. Includes stations like NEST Nestorio, LSK Leskovik, KZM Kozani, etc.

NEIC 17 09:16:40.5-1.6, 34:55N: 0:01-120:08W, 0.03, h20km, 5km, Error ellipse: s-maj=3.4km s-min=1.6km az=61.0

ANF 17 09:16:40.2-0.4, 34:55N: 120:05W, h23km, 2km, ML3.0/2/3, Error ellipse: s-maj=4.2km s-min=1.8km az=77.0

PAS 17 09:16:41.9-2.3, 34:57N: 120:05W, 0.01, h12km, 3km, ML3.2/95, ML2.9/68(NEIC), Error ellipse: s-maj=1.8km s-min=1.4km az=218.0

ISC 17 09:16:40.7-0.9, 34:53N: 0:02-120:08W, 0.03, h26km, 5km, n124, 0.985/146, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NUJ Nojoqui County, SYP Santa Ynez Pca, FIGC Figueroa Mtn, etc.

Table with columns: ISA, S, Sn, 09 17 31.0 +0.5. Includes stations like WASM Alta Sierra Ca, EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, etc.

TUL 17 09:17:34.1, 1.1, 36:81N: 0:01-98:54W, 0.02, h6km, 6km, ML2.7, mb, Lg2.2/23(NEIC), Error ellipse: s-maj=2.3km s-min=1.4km az=131.0

NEIC 17 09:17:34.5-1.0, 36:80N: 0:02-98:52W, 0.01, h5km, 2km, Error ellipse: s-maj=3.1km s-min=3.0km az=324.0, Oklahoma

17d 9h

2016 JUL

Table with columns: M24K, Tolsona, Glenn, 9.51 103, Pn Pn, 09 36 30.5 +0.8, 09 36 28.5 -1.1, etc.

JHE Heguri, 1.15 283, A A, 09 44 11.1, 09 44 10.7, 09 44 10.8, etc.

JSB Shiba, 3.47 42, A A, 09 44 27.8, JKU Kubokawa, 3.48 253, A A, 09 44 29.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

JMU Mitune, 2.65 118, Pn Pn, 09 44 20.1 -0.4, 09 44 20.7, etc.

JSU Sushima, 6.24 244, Pn Pn, 09 44 58.8 +0.6, 09 44 58.0, etc.

Table with columns: J20K, Nowinta River, 50.47, 32, P, P, 09 51 50.1 +1.7, 09 51 51.4, etc.

Table with columns: F24K, Squaw Lake, 53.05, 28, P, P, 09 52 09.2 +1.8, 09 52 09.2 +1.8, etc.

Table with columns: BGCL, Bering Glacier, 55.87, 37, P, P, 09 52 29.5 +2.0, 09 52 29.5 +2.0, etc.

Table of astronomical observations for station 871, including columns for station name, object name, magnitude, position, and time.

Table of astronomical observations for station 871, continuing from the previous table with columns for station name, object name, magnitude, position, and time.

Table of astronomical observations for station 871, continuing from the previous table with columns for station name, object name, magnitude, position, and time.

IDC 17 09:51:50.0,37.0,17.98S:-179:58W, h555km, 111km, mb2.8/3, mbtmp3.6/4, Error ellipse: s-maj=779.8km s-min=122.0km az=83.0, Fiji Islands region

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

IDC 17 10:00:54.6,0.9,5.62S:150:74E, h104km, 8km, mb3.8/16, mbtmp4.1/17, MS3.2/2, Error ellipse: s-maj=15.4km s-min=8.1km az=121.0, NEIC 17 10:05:56.8,1.9,5.62S:107:150.83E:0.08, h115km, 7km, mb4.3/24, Error ellipse: s-maj=12.9km s-min=9.7km az=123.0, ISC 17 10:00:54.4,0.5,5.63S:0.06:150:76E:0.07, h100km, n61, r122/63, mb4.1/25, New Britain region

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

2016 JUL

17d 10h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FITZ, STKA, JCJ, PJA0, ASAR, URZ, etc.

VIE 17 10:11:19.6:0.8, 51.56N:16.13E, h0km, mb2.5/6, ml2.8/5, Error ellipse: s-maj=8.6km s-min=5.5km az=44.0 80 km NW of Wrocław Suspected Mining induced.

ISC 17 10:21:20.4:1.3, 51.52N:0.06:16.11E:0.03, h0km, n25, 0554/51, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSP, CHVC, DPC, PVCC, BRG, KRLC, PRU, CLL, MORC, etc.

ISC 17 10:14:16.1:2.2, 13.44N:145.04E, h74km, 28km, mb3.2/4, mbmp3.5/4, MS3.3/1, Error ellipse: s-maj=93.0km s-min=22.3km az=111.0

NEIC 17 10:14:17.3:1.4, 13.3N:0.1:145.1E:0.2, h73km, 12km, mb3.9/5, Error ellipse: s-maj=34.1km s-min=15.2km az=114.0

ISC 17 10:14:16.6:0.9, 13.3N:0.1:145.1E:0.2, h73km, n19, 1805/13, mb3.6/7, Mariana Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUMO, PATS, H11S1, H11S2, etc.

DJA 17 10:22:34.9:0.5, 4.1N:4.12E:1.1, h10km, M3.6/4, MLV3.6/4, 17 10:22:30.8:1.6, 3.86N:0.07:127.0E:0.1, h10km, n3, 0576/6, 1C, Talcau Islands

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

ISC 17 10:28:04.8:1.4, 3.50S:151.92E, h0km, mb3.5/3, mbmp3.6/4, ML1.6/1, MS3.1/1, Error ellipse: s-maj=34.4km s-min=18.6km az=89.0

ISC 17 10:28:06.0:1.3, 3.39S:151.9E:0.2, h10km, n9, 0586/8, mb3.4/3, New Ireland region

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

ISC 17 10:37:46.2:4.2, 38.23N:142.72E, h0km, mb3.5/3, mbmp3.4/4, ML1.9/1, Error ellipse: s-maj=48.7km s-min=34.8km az=47.0

NIED 17 10:37:50.0:38.44N:142.24E, h73km, MW3.5, Moment Tensor Solution, s3, Moment tensor: Scale 10^14Nm; M1=0.15; M2=0.02; M3=0.13; M4=1.57; M5=0.62; M6=0.38; Fault plane solution: M1: 73000x1014 NP1: 0=182.00000; 820.00000; A-11.00000; NP2: 0=282.00000; 886.00000; A-11.00000.

JMA 17 10:37:50.0:0.2, 38.23N:0.4:142.72E:0.8, h27km, 1km, MV3.6/4O, OFF MIYAGI PREF

ISC 17 10:37:49.4:2.2, 38.39N:142.25E:0.09, h17km, 11km, n21, 1915/24, mb3.5/3, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H11N2, H11N1, H11N3, etc.

ISC 17 10:38:04.8:6.5, 20.31S:178.28W, h501km, 43km, mb3.0/4, mbmp3.9/5, Error ellipse: s-maj=135.5km s-min=30.0km az=139.0, Fiji Islands region

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

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

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

DJA 17 10:44:31.3:0.6, 6.5S:5.15E:2.1, h10km, M4.7/6, mb5.3/1, mb4.6/6, MLV4.8/2, Mw(MB)4.7/1

NEIC 17 10:44:35.4:2.3, 5.72S:0.07:151.7E:0.1, h70km, 8km, mb4.5/30, Error ellipse: s-maj=15.1km s-min=9.9km az=101.0

IDC 17 10:44:36.2:1.2, 5.57S:151.42E, h87km, 9km, mb4.0/7, mbmp4.4/8, MS3.0/2, Error ellipse: s-maj=42.1km s-min=9.2km az=124.0

ISC 10:44:34.1:0.6, 5.74S:0.08:151.7E:0.1, h57km, n70, 1834/69, mb4.5/25, New Britain region

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

ISC 17 10:28:04.8:1.4, 3.50S:151.92E, h0km, mb3.5/3, mbmp3.6/4, ML1.6/1, MS3.1/1, Error ellipse: s-maj=34.4km s-min=18.6km az=89.0

ISC 17 10:28:06.0:1.3, 3.39S:151.9E:0.2, h10km, n9, 0586/8, mb3.4/3, New Ireland region

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

ISC 17 10:37:46.2:4.2, 38.23N:142.72E, h0km, mb3.5/3, mbmp3.4/4, ML1.9/1, Error ellipse: s-maj=48.7km s-min=34.8km az=47.0

NIED 17 10:37:50.0:38.44N:142.24E, h73km, MW3.5, Moment Tensor Solution, s3, Moment tensor: Scale 10^14Nm; M1=0.15; M2=0.02; M3=0.13; M4=1.57; M5=0.62; M6=0.38; Fault plane solution: M1: 73000x1014 NP1: 0=182.00000; 820.00000; A-11.00000; NP2: 0=282.00000; 886.00000; A-11.00000.

JMA 17 10:37:50.0:0.2, 38.23N:0.4:142.72E:0.8, h27km, 1km, MV3.6/4O, OFF MIYAGI PREF

ISC 17 10:37:49.4:2.2, 38.39N:142.25E:0.09, h17km, 11km, n21, 1915/24, mb3.5/3, Near east coast of eastern Honshu

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

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

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

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

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

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

comp=Z,0.4nm,0.8s,baz=278,slow=2.6,SNR=3.4
GERES GERES Array B 124.24 328 PKP PKPdf 11 03 25.2 -1.5
TORD Torodi Ar. Bea 149.49 286 PKPbc PKPbc 11 04 16.5 -1.5

IDC 17 10:45:41.5, 1.0, 51.33N:178.97E, h0km, mb3.4/7,
mbmp3.5/9, ML3.6/2, Error ellipse: s-maj=37.5km
s-min=20.3km az=165.0
NEIC 17 10:45:53.1, 1.3, 51.36N:02:178.33E, 0.08, h114km, 6km,
mb3.9/13, ML3.2(AEIC), Error ellipse: s-maj=26.9km
s-min=6.4km az=188.0
AEIC 17 10:45:54.1, 1.5, 51.8N:02:178.38E, 0.06, h112km, 6km,
Error ellipse: s-maj=22.5km s-min=3.2km az=169.0
ISC 17 10:45:53.2, 0.8, 51.8N:01:178.37E, 0.06, h100km, n61,
s147/59, mb3.5/7, Rat Islands

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

MOS 17 10:55:29.8, 1.0, 30.27N:98.41E, h15km, mb4.7/24, Error
ellipse: s-maj=7.7km s-min=5.3km az=117.5
IDC 17 10:55:29.2, 0.6, 30.31N:98.47E, h0km, mb4.1/26,
mbmp4.1/28, ML4.3/2, MS3.9/40, Error ellipse:
s-maj=16.8km s-min=12.0km az=47.0
BUJ 17 10:55:30.7, 0.0, 30.21N:98.37E, h9km, mb4.5/40,
mb4.7/24, ML4.1/20, Ms4.4/51, Ms7.4/2/50
NEIC 17 10:55:34.4, 1.8, 30.38N:01:08.98E, 0.08, h27km, 5km,
mb4.6/54, ML4.5(BUJ), Error ellipse: s-maj=11.3km
s-min=10.4km az=174.0
ISC 17 10:55:31.2, 0.3, 30.30N:003.98E, 0.03, h10km, n239,
s191/245, mb4.5/66, MS3.9/44, 13C-D, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and events for the second section.

Main table with columns: PZH, LR, LR, MOKO, KOHIMA, etc. Lists seismic stations and events for the third section.

Main table with columns: HHC, HHC, HHC, HHC, QIZ, QIZ, QIZ, etc. Lists seismic stations and events for the fourth section.

Table of astronomical observations for 17d 10h, listing station names (AAK, USP, AML, etc.), object names (Ala-Archa, Oshpenovka, etc.), coordinates, and various parameters like SNR and error margins.

Table of astronomical observations for 2016 JUL, listing station names (JCJ, TYV, NRK, etc.), object names (Chichijima, Tymovskoe, etc.), coordinates, and various parameters like SNR and error margins.

Table of astronomical observations for 2016 JUL, listing station names (ASAR, GERS, JMIC, etc.), object names (Alice Springs, GRESS Array B, etc.), coordinates, and various parameters like SNR and error margins.

Technical notes and metadata including coordinates (170 55:42.3+0.7), instrument details (m4p4 710, ML4.8/2), and observation parameters (s-maj=16.8km, az=75.0).

Table of station information for the Balleny Islands region, listing station names (MCQ, VNA, VWA, etc.), coordinates, and operational status.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NDS Dongshan, SX11 Grass Mountain, ENA Nanau, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other parameters. Includes stations like Vila Bisbo, Marmelete, Sao Teotonio, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other parameters. Includes stations like SARP Sargodha, JMU Jammu, THN Thein Dam, etc.

SFS 17 11:53:12.0,36.61N:9.88W, h30km, ML2.8, SW. CABO DE SAN VICENTE

17 11:53:54.9,0.6,31.17N:74.37E, h40km,4km, mb3.9/20, mbmp4.2/25, ML3.9/5, MS3.5/1, Error ellipse: s-maj=16.5km s-min=10.6km az=29.0

17 11:53:54.3,0.4,31.19N:0.04:74.33E,0.04, h35km, n208, c250/234, mb4.5/47, 17C-8D, India-Pakistan border

Table with columns for station name, frequency, and other technical details. Includes stations like KBTR, TUMR, Esso, Mys Kozlova, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like FINES, HFS, TXAR, ASAR, URZ, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like KSRS, KSAR, NVAR, NVAR, KVN, USRV, etc.

Table containing station names, coordinates, and classification codes for the 17d 13h period.

Table listing station names, coordinates, and classification codes for the 2016 JUL period.

Table listing station names, coordinates, and classification codes for the 880 period.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like URJ Kaharora, KARZ Omania, OMRZ Rawiri, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like TAU Wake Island, COEN Coen, COEN Coen, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BLDU Ballidu, MORW Morawa, MORW Morwa, etc.

Table of astronomical observations for 17d 13h, listing objects like BFCF, PEAOB, and various stars with their coordinates and magnitudes.

Table of astronomical observations for 2016 JUL, listing objects like MPK, QSM, PNTR, and various stars with their coordinates and magnitudes.

Table of astronomical observations for 882, listing objects like Y14A, H04D, H04D, and various stars with their coordinates and magnitudes.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like M27K Edge Creek, BWN Brown, MENT Mentasta, S22A 4UR Ranch, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like TCOL CIGO, COLA College, MDM Murphy, SDCO Great Sand, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like BILL Bilibino, LYN LuoYang, ZEA Zeya, ABTX Abilene, etc.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like Washetta, Long Quarter, Hu-ho-hao-te, Blackwell, etc.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like University of, Bolivar, Westbrook Farm, Ozark Folk Cen, etc.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like EYMN, EYMN Ely, G40A Rib Lake, etc.

Table of meteorological data for station MNK, including various atmospheric parameters like pmax, PKP, and temperature. Includes station details like '17d 13h' and 'comp=E,10.0m,0.9s'.

Table of meteorological data for station MEM, including various atmospheric parameters like pmax, PKP, and temperature. Includes station details like 'MEM Membach' and '147.19 360 dPKPbc'.

Table of meteorological data for station WATA, including various atmospheric parameters like pmax, PKP, and temperature. Includes station details like 'WATA Walderalm' and '150.09 352 i/P'.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EVO Evora, EVO Evora, PNCL Nicoula, etc.

NEIC 17 13:18:02.3.2.8, 28'.0S:0.1x176:1W:0.1, h20km, 4km, mb4.222, Error ellipse: s-maj=18.1km s-min=15.2km

IDC 17 13:18:08.2.2.8, 27'.81S:176:51W, h72km, 23km, mb3.9/10, mbmp4.2/12, MS3.8/5, Error ellipse: s-maj=26.4km s-min=19.8km az=95.0

ISC 17 13:18:03.8.0.6, 27.90S:0.07x176:24W:0.09, h35km, n86, e190/70, mb4.3/16, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, MSVF Nonsau, MSVF Kapiti Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLCA Paso Flores, KSRS Korea Array, KSAR Wonju Array, etc.

IDC 17 13:28:18.2.0.7, 55'.09S:128:39W, h0km, mb4.3/8, mbmp4.3/8, MS4.3/27, Error ellipse: s-maj=26.8km s-min=21.3km az=72.0

NEIC 17 13:28:18.8.1.3, 54'.9S:0.2x127:8W:0.3, h10km, 2km, mb4.7/9, Error ellipse: s-maj=34.4km s-min=24.5km az=63.0

GCMT 17 13:28:25.8.0.2, 55'.37S:0.02x128:26W:0.02, h20km, 1km, MW5.1/14, Moment Tensor Solution, s22,c27, s14,c155, Duration: 0 Moment tensor: Scale 10^16Nm; Mw=4.52, M1=3.24, M2=2.0, M3=2.79, M4=1.86, M5=0.49, M6=0.32, M7=0.69, M8=1.3, M9=0.42, Best double couple: M5, 43.000x10^16 NP1=108.00000, 862.00000, 1-6.00000, NP2=201.00000, 885.00000, 1-152.00000, Principal axes: T: 5.4190, P1g16.0000, Azm331.0000, N: 0.0260, P1g61.0000, Azm211.0000, P: -5.4430, P2g3.0000, Azm68.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 17 13:28:19.7.0.6, 55.1S:0.12x128:0W:0.2, h10km, n73, e152/33, mb4.4/11, MS4.4/29, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VANDA Vanda, GQSA South Pole Qui, BELA Belgrano 2, BSWZ Blackbirch Sta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, WR0 Warramunga Arr, etc.

SKHL 17 13:29:17.1.0.3, 45'.40N:150:20E, h82km, 4km, mb4.7/3, msha5.5/3

MOS 17 13:29:17.5.2.4, 45'.76N:149:79E, h84km, mb4.1/2, Error ellipse: s-maj=21.8km s-min=11.0km az=48.5

JMA 17 13:29:17.0.7, 46'.N:3x15.0E, h30km, MV4.2/13, KURILE ISLANDS REGION

ISC 17 13:29:17.2.1.0, 45.74N:0.08x149:89E:0.09, h61km, n29, e26/39, 1C, Kuril Islands

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

17d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PETK, ZEA, FINES, TXAR, and WARRAMUNGA.

IDC 17 13:29:33.6, 5.4, 2.7, 89S, 176.74W, h87km, 42km, mb3.5/3, mbmp3.8/3, MS3.3/1, Error ellipse: s-maj=50.7km s-min=44.0km az=25.0

ISC 17 13:29:33.9, 1.6, 28.3S, 0.2x176.5W, 0.2, h100km, n8, az=206/8, mb3.8/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for RAO, URW, MSVF, ASAR, WRA, KSRS, AKASG, and TORD.

ANF 17 13:29:49.9, 0.2, 37.43N, 118.84W, h0km, ML2.9/16, Error ellipse: s-maj=2.3km s-min=1.3km az=81.0

NCEDC 17 13:29:49.5, 1.5, 37.46N, 0.01x118.84W, 0.02, h-1km, 6km, ML3.1/13, ML2.7(REN), ML2.6/66(NEIC), Error ellipse: s-maj=2.5km s-min=1.3km az=68.0

NEIC 17 13:29:50.5, 2.1, 37.44N, 0.01x118.85W, 0.0, h2km, 6km, Error ellipse: s-maj=2.0km s-min=1.4km az=61.0

ISC 17 13:29:49.8, 0.9, 37.45N, 0.02x118.83W, 0.02, h8km, 7km, n142, az=85/156, California-Nevada border region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SCHCA, MCVN, WMD, MLAC, MGPM, MDRWC, MCBM, OMMB, MMLB, MDMY, MDPB, LMCR, MDCM, MFBM, MCDM, BENR, MRCM, KCC, MLNR, POCOA, TIN, LUL, LHV, LCH, NVAR, CWC, MRHM, RYN, VOG, GRAC, WLHM, CMB, CMB, CMB, TPH, PWWM, MCB, YERR, YES, VES, PDRM, KVN, PARM, WASM.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MPMC, WMSM, ISM, FURC, PJUM, PSRM, CPMF, PPHM, BBNM, PSTM, PKD, PHPM, PVMC, THIS, PABG, PKLM, PCMM, BVL, BPIM, TRAM, TPNV, TPNV, TPNV, TPNV, ARN, QSM, QSM, PSAM, BSGM, SCZ, MHC, CMLB, COOB, PAHR, ARVC, ARVC, SMM, SMM, SMM, BSMM, PALM, CALM, CCAC, PHSB, HAST, RAMR, BCWH, BLDC, BLDC, BCW, PAMP, PTAM, PHCM, ARDC, PCBM, EDW, EDW, PKM, GSC, GSC, R11A, R11A, OSI, ORV, ORV, PRN, PRN, SHPR, SHPR, BMN, SPR3, ELS, ELS, PMD, PMD, PFO, PFO, ELK, LCMT, NIED, TAP, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TWC, NDS, ETL, NACB, LATG, LATG, NDT, TWE, ETLH, ETLH, TWD, TWD, ILA, ILA, NNSB, NNSB, NNSH, NNSH, NNS, NNS, FUSB, FUSB, HWA, HWA, HWA, NTC, NTC, EGS, EGS, EGS, YHNB, YHNB, YHNB, NSK, NSK, NSK, ETM, ETM, ETM, FUSS, FUSS, FUSS, TEYL, WHF, WHF, TIPB, TIPB, TIPB, TWT, TWT, TWT, TDCB, TDCB, TDCB, TWA, TWA, TWA, NHDH, NHDH, NHDH, TWB1, TWB1, TATO, TATO, TATO, ESL, ESL, ESL, CHGB, CHGB, CHGB, NWF, NWF, NWF, WFSB, WFSB, WFSB, NHY, NHY, NFF, NFF, NFF, BACT, BACT, SX11, SX11, SX11, TAP1, TAP1, TAP1, TAP, TAP, TEGC, OWD, OWD, OWD, NUD, NUD, WUSB, WUSB, TNOU, TNOU, TNOU, NTY, NTY.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NTY, LIOB, YMO1, NSTT, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ELDTW, WRL, WTK, CHN2, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ONAJ, JWF, JHC, etc.

Station information for Tonga Islands: IDC 17:42:22.68E, 170:15.94S, 173:63W, h0km, mb3.4/2, mbtmp3.4/3, ML3.0/1, Error ellipse: s-maj=351.7km, s-min=30.5km, az=143.0, Tonga Islands

Station information for Gibraltar: SFS 17:14:40.48E, 35:44N, 3:73W, ML2.6, ALBORAN SUR, MDD 17:40:49.2E, 35:50N, 3:71W, h0km, mb_Lg2.49, Error ellipse: s-maj=4.8km, s-min=2.9km, az=14.0, ISC 17:14:40.48E, 35:57N, 0:04, 3:64W, 0:03, h6km, 11km, n26, c157/46, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other parameters. Rows include stations like EALB, EMEL, MELILLA, etc.

IDC 17 15:08:07.9-0.6,36.75N:142.03E,h0km,mb4.2/22, mbmp4.2/28,ML3.5/5,MS3.5/14,Error ellipse: s-maj=15.2km s-min=12.3km az=124.0, JMA 17 15:08:10.9-0.4,36.8N:0.4:14.2E, h24km,3km, MD4.4/39,MV4.2/39,E OFF FUKUSHIMA PREF NIED 17 15:08:10.9,36.81N:141.95E,h24km,MW4.3,Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mw-2.64; Ms-0.14; Mz-2.78; Mo-0.30; Mw-0.91; Mw-1.11; Fault plane solution: Ms3.07000x10^15 Np; o=344.00000°, s34.00000°, l-91.00000°. Np2: o=164.00000°, s56.00000°, l-90.00000°. MOS 17 15:08:10.9-0.9,37.14N:142.01E, h16km,mb4.5/29 Error ellipse: s-maj=9.2km s-min=5.3km az=89.0 NEIC 17 15:08:12.4-1.2,36.85N:0.06:141.95E:0.09, h21km,5km, mb4.5/97, Error ellipse: s-maj=11.6km s-min=8.5km az=117.0 ISC 17 15:08:11.2-0.4,36.39N:0.04:142.05E:0.04, h19km, n281, o173/275,mb4.5/87,MS3.8/16,12C,Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other parameters. Rows include stations like ONAJ, ONAJ, Iwakimizuishi, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other parameters. Rows include stations like NMR, Nemuro-Hokkai, NMR, NMR, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other parameters. Rows include stations like SEY, Seymchan, SEY, SEY, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GLI, FID, J2SK, B2AR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NC204, NB201, BOZ, BOZ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ONAJ, ONAJ, JFK, JFK, etc.

ADC 17 15:28:56.1±0.6, 36°8'N, 142°20'E, h0km, mb4.0/16, mbmp4.0/22, ML3.0/5, MS3.2/9, Error ellipse: s-maj=16.7km s-min=13.3km az=134.0 NIED 17 15:28:59.36±1.1, 197E, h44km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm; M1=0.99; M2=0.41; M3=1.04; M4=0.42; M5=0.77; Fault plane solution: M1:5.1000x1015 NPT1:26.00000°

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Lanzhou, Kuningming, PanZhihua, etc.

Table with columns: OPO, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Cape Leeuwin, Warramunga, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Wanaka, Mavora Lakes, etc.

17d 17h:141.9.1.7, 29.2S, 160.46.1E, 0.2, h10km, n10, s-min=27.2km az=27.0
ISC 17 16:57:06.9.1.1, 32.30Sx176.49W, h0km, mb4.4/8, b1mp4.5/11, ML5.3/3, MS3.4/7, Error ellipse: s-maj=28.4km s-min=22.0km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Almaty, Boroday, Karatobe, Kurty, Chushkaly, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Songino Array, Keskin Array, Malin Array, Minsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nelson, Blackbirch Sta, Matariki Terra, etc.

KK31 0.3nm,0.3s,baz=139,slow=15,SNR=4.2
KK31 0.9nm,0.3s,baz=155,slow=30,SNR=3.5

NEIC 17 18:11:47.6:1.2,43:71N:0:02:105:28W:0:06,h0km,2km,
ML3.6/41,Error ellipse: s-maj=7.3km s-min=3.1km
az=77.0

IDC 17 18:11:48.3:0.9,44:13N:105:84W,h0km,mb4.0/3,
mbmp3.5/10,ML2.9/6,MS2.7/3,Error ellipse:
s-maj=23.2km s-min=8.9km az=144.0

ISC 17 18:11:46.7:0.8,43:77N:0:06:105:30W:0:07,h0km,n47,
r1929/44,mb3.9/3,Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like RASD Black Hills, K22A Casper, etc.

TUL 17 18:47:04.2:1.4,36:25N:0:02:96:75W:0:02,h5km,6km,
ML2.7,mb,Lg2.6/36(NEIC),Error ellipse: s-maj=2.2km
s-min=2.0km az=182.0

NEIC 17 18:47:04.1:0.9,36:27N:0:01:96:74W:0:02,h5km,2km,
Error ellipse: s-maj=3.0km s-min=2.7km az=163.0,
Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like QUOK Quay, OK034 N. Norfolk Rd., etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like OK025 Westminster Rd, TUL1 Leonard, etc.

TUL 17 19:06:03.6:0.9,36:28N:0:02:97:51W:0:02,h5km,2km,
ML2.7,mb,Lg2.5/34(NEIC),Error ellipse: s-maj=2.2km
s-min=1.6km az=209.0

NEIC 17 19:06:03.6:0.9,36:28N:0:01:97:53W:0:02,h5km,2km,
Error ellipse: s-maj=3.0km s-min=2.2km az=321.0,
Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CROK Carrier, OK029 Liberty Lake, etc.

IDC 17 19:07:38.5:28.0,18:91S:178:64W,h554km,546km,
mb2.6/3,mbmp3.5/3,Error ellipse: s-maj=236.2km
s-min=94.7km az=163.0,Fiji Islands region

WRA Warramunga Arr 44.24 261 P P 19 14 59.5 0.0
ASAR Alice Springs 44.31 255 P P 19 14 59.7 -0.3

TXAR Lajitas Array 86.72 58 P P 19 19 24.5 +0.1
AKASG Malin Array Be 141.34 332 PKP PKPd 19 26 04.0 -2.4

IDC 17 19:11:45.3:2.7,8:01S:119:56E,h0km,mb2.9/2,
mbmp3.1/3,ML3.4/1,Error ellipse: s-maj=244.0km
s-min=29.2km az=52.0,Flores region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MKAR Makanchi Array, IDC 17 19:11:47.8:2.2, etc.

IDC 17 19:11:45.2:1.4,18:15S:0:5:178:40W:0:3,h600km,n7,
r1948/8,mb3.7/6,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MSVF Nonavsu, STKA Stephens Creek, etc.

DJA 17 19:29:36.3:0.2,9'S:3:11'2"E, h43km,12km, M4, 1/24,
mb4.2/10,MLv4.0/24

IDC 17 19:29:46.2:14.0,8:58S:112:66E,h170km,143km,
mb3.3/8,mbmp3.7/8,Error ellipse: s-maj=94.7km
s-min=19.8km az=56.0

ISC 17 19:29:36.3:0.8,8:81S:0:06:112:50E:0:03,h76km,qkm,
n48,r197/63,mb3.7/8,Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PWJI Pagerwojo, GMJI Gumukmas, etc.

WRA Warramunga Arr 23.85 120 P P 19 34 44.0 +1.2
ASAR Alice Springs 25.25 128 P P 19 34 56.2 +0.6

WOD Doodnatta 29.90 134 P P 19 35 30.0 +1.8
MUL Mulgathing 28.97 140 P P 19 35 34.3 +2.0

CMAR Chiang Mai Arr 30.22 334 P P 19 35 40.2 +0.3
STKA Stephens Creek 35.44 134 P P 19 36 27.4 +2.0

STKA Stephens Creek 35.44 134 P P 19 36 27.7 +2.3
SONM Songia Array 56.66 355 P P 19 39 11.3 -0.4

MKAR Makanchi Array 61.56 337 P P 19 39 44.4 -1.1
ZALV Zalesovo Beam 66.76 343 P P 19 40 16.1 -3.2

BRTR Keskin Array B 87.11 311 P P 19 42 12.8 -1.4
IDC 17 19:49:00.2:2.8,42:96N:105:12W,h0km,mb3.8/1,
mbmp3.7/3,ML3.5/2,Error ellipse: s-maj=62.7km
s-min=10.0km az=160.0

NEIC 17 19:49:05.2:2.4,43:57N:0:05:18W:0:08,h0km,2km,
ML3.1/31,Error ellipse: s-maj=11.5km s-min=6.7km
az=305.0

ISC 17 19:49:04.3:0.9,43:60N:0:05:105:28W:0:05,h0km,n31,
r1932/31,Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RASD Black Hills, K22A Casper, etc.

17d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAO LASA Array, PD31 Pinedale Array, PDAR comp=N,4.6nm,0.3s,baz=77,slow=23,SNR=44, etc.

TUL 17:20:08.57-1.0,36.26N,0.02-96.76W,0.02,h5km,5km, ML2.5,mb,Lg2.430(NEIC),Error ellipse: s-maj=2.4km s-min=2.1km az=207.0

NEIC 17:20:08.57-2.0,36.27N,0.01-96.77W,0.02,h5km,1km, Error ellipse: s-maj=3.0km s-min=2.7km az=78.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QUOK Quay, OK034 N. Norfolk Rd., OK031 S. Brethren Rd., etc.

IDC 17:20:31.38-7.1,6.51-39N:179.59E,h0km,mb3.79, mbtmp3.8/11,ML4.3/2,Error ellipse: s-maj=49.9km s-min=15.8km az=2-0

NEIC 17:20:31.46-5.1,8.51-22N,0.1-179.63E,0.07,h74km,4km, mb4.0/33,ML4.0/37(AEIC),Error ellipse: s-maj=16.6km s-min=5.7km az=189.0

AEIC 17:20:31.47-3.6,51.24N:0.10-179.63E,0.07,h59km,7km, Error ellipse: s-maj=14.5km s-min=5.6km az=189.0

ISC 17:20:31.46-1.1,1.51-22N,0.1-179.54E,0.04,h68km,8km, n81,-r124/87,mb3.9/19,Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMKA Amchitka, CESA Semis' Southw, CERRA Semis' Rag'd, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAEA Gareloi East, TASE Tanaga Southea, TAFP Tanaga Falls P, etc.

MOS 17:20:32.54-9.0,6.55-73N:161.08E,h148km,mb4.1/1,Error ellipse: s-maj=15.8km s-min=4.9km az=76.0

KRSC 17:20:32.54-6.0,7.55-68N:161.17E,h146km,7km,ML4.4

IDC 17:20:32.56-5.2,0.55-73N:160.78E,h151km,20km, mb3.3/13,mbtmp3.7/15,Error ellipse: s-maj=18.7km s-min=15.3km az=165.0

ISC 17:20:32.55-8.0,7.55-70N:0.03-161.10E,0.04,h146km,5km, n101,-r08/125,mb3.5/13,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BZGR Bezymyanni-Gr, BZGR Bezymyanni-Gr, BZGR Bezymyanni-Gr, etc.

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

CFUSG 17:20:58.43.0,38.11N-29.42E,h8km,Western Turkey

DDA 17:20:58.44.0,0.38-00N-29.40E,h10km,1km,MM4.0

IDC 17:20:58.44.0,0.8,37.99N-29.52E,h0km,mb3.7/8, mbtmp3.8/16,ML3.9/8,MS2.9/10,Error ellipse: s-maj=14.6km s-min=14.6km az=167.0

ISK 17:20:58.44.1,38.00N-29.39E,h6km,ML4.0/20

Gil 17:20:58.46.8,0.0,37.74N-29.37E,h8km,MM4.0/5

THE 17:20:58.47.0,38.06N-29.22E,h0km,2km,ML3.6/2,Error ellipse: s-maj=8.8km s-min=1.1km az=80.0

ISC 17:20:58.45.4,1.0,38.01N-0.02-29.39E,0.02,h11km,7km, n153,-r154/193,mb3.6/8,MS2.8/6,29C-5D,Turkey

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DLMR, Dylm, LKRN, BRNG, ASTR, etc.

Main table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, PDAR, WRA, SOMM, MKAR, KURBB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RTV, LIFNC, KOUNC, etc.

17d 23h

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like Otahua Downs, Warramunga Arr, Alice Springs, etc.

2016 JUL

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like PanZhihua, Chengdu, Baotou, etc.

900

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like Kolahrood, Qamsar, Shahmirzad, etc.

IDC 17 23:32:28.4+1.4, 33.14N:54.54E, h0km, mb3.777, mbmp3.9/13, ML3.5/6, MSZ.9/3, Error ellipse: s-maj=26.1km s-min=16.8km az=148.0

TEH 17 23:32:29.4, 33.34N:54.52E, h19km, ML4.0, NEIC 17 23:32:30.4+2.0, 33.24N:0.06:54.59E:0.10, h10km, 2km, mb4.0/14, mb_Lg4.1(TEH), Error ellipse: s-maj=14.2km s-min=7.1km az=229.0

ISC 17 23:30:30.0-6.3, 33.29N:0.04:54.53E:0.04, h10km, n108, i1506/109, mb4.0/21, Northern and central Iran

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

NEIC 17 23:41:05.71.3, 43.31N:0.04:103.16W:0.02, h5km, 2km, mb_Lg2.6/8.9, Error ellipse: s-maj=6.9km s-min=3.1km az=343.0

IDC 17 23:41:08.21.1, 43.38N:103.53W, h0km, mbmp3.1/4, ML3.0/3, Error ellipse: s-maj=18.7km s-min=8.6km az=144.0

ISC 17 23:41:06.50.7, 43.43N:0.05:103.18W:0.04, h10km, n57, c2509/39, South Dakota

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

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

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

NIED 17 23:41:14.8, 33.45N:139.30E, h25km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; M1=2.74; M2=1.43; M3=1.33; M4=0.3; M5=1.1; M6=1.1; M7=0.22; Fault plane solution: Ms4.04000x10^14 NP1: 0.147.00000; 324.00000; 1.52.00000; NP2: 0.286.00000; 371.00000; 1.106.00000

JMA 17 23:41:14.8, 0.1, 33.5N:0.3, 139.3E, h25km, 2km, MV3.5/22, NEAR HACHUJIMA ISLAND, Southeast of Honshu

18d Oh

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Sonseca Array, Petrovsk, Makanchi Array, Torodj Ar. Bea.

SOME 18:00:00:27.7, 39.65N, 74.47E, h5km
KRNET 18:00:00:34.1, 0.1, 39.84N, 74.40E, mb3.1
NNC 18:00:00:35.1, 2.2, 39.93N, 74.32E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=17.0km s-min=10.2km az=168.0

Main table of station data for the left column, including codes like OHH, DRK, UCH, BTK, etc., with their respective coordinates and phases.

2016 JUL

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

TUL 18:00:06:15.7, 1.1, 36.51N, 0.01, 97.27W, 0.02, h8km, 7km,
ML2.6, mb, Lg2.59(NEIC), Error ellipse: s-maj=1.8km
s-min=1.4km az=58.0
NEIC 18:00:06:15.3, 1.0, 36.50N, 0.01, 97.27W, 0.01, h5km, 7km,
Error ellipse: s-maj=1.8km s-min=1.5km az=55.0,

Main table of station data for the middle column, including codes like BLOK, BLD, BLB, etc., with their respective coordinates and phases.

902

Main table of station data for the right column, including codes like ZHN, PDGK, KURS, etc., with their respective coordinates and phases.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and Position. Includes stations like TKM2 Tokmak 2, DGS Degeres, KSH Kashi, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and Position. Includes stations like MKAR Makanchi Array, DZA Taraz, DRK Karamyk, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and Position. Includes stations like ARU Arti, SONM Songino Array, BELG Belogoroye, etc.

TAP 18:00:17:33.3,24:28N-122:20E, h4km, ML3.1, C
JMA 18:00:17:34.5,0.1,24:7N:0.3,122:22E:0.2, h5km, 3km,
MVA/5/6, TAIWAN REGION
ISC 19:00:17:34.0,0.1,24:80N:0:03:122:22E:0:02, h7km, gkm,
170, <0547/89, Taiwan region

18d 1h

Table of meteorological data for stations in the 18d 1h range, including station names, coordinates, and various parameters like elevation and observation type.

2016 JUL

Main table of meteorological data for stations across the region during July 2016, including station names, coordinates, and various parameters like elevation and observation type.

906

Table of meteorological data for stations in the 906 range, including station names, coordinates, and various parameters like elevation and observation type.

Station coordinates and details for IDC 18 01:13:09.71, 30°87'S, 71°49'W, h0km, mb4.1/5, mbmp4.08, ML3.73, MS3.4/1, Error ellipse: s-maj=40.4km, s-min=25.0km, az=93.0

Station coordinates and details for GUC 18 01:13:13.6, 30°87'S, 71°70'W, h32km, 3km, ML4.3

Station coordinates and details for NEIC 18 01:13:14.5, 30°81'S, 70°55'W, h58W.0/07, h24km, 5km, mb4.5/13, ML4.3(GUC), Error ellipse: s-maj=9.0km, s-min=0.8km, az=88.0

Station coordinates and details for ISC 18 01:13:13.8, 30°87'S, 70°52'W, h59W.0/05, h25km, 6km, n82.1+930/100, mb4.4/10, 1C-6D, Near coast of central Chile

Table of meteorological data for stations in the 906 range, including station names, coordinates, and various parameters like elevation and observation type.

Table with columns: Code, Station Name, Az, El, P, P, Time, Res. Includes stations like BDFB Brasilia, BOAV Boa Vista, VNA3 Neumayer Olymp, etc.

ARE 18 01:35:50.3-7.11:35S:0:07:78:17W:0:08,h59km,4km, Error ellipse: s-maj=0.0km s-min=0.0km az=147.7, IDC 18 01:35:51.6-6.0:11:28S:77:92W,h72km,4km,mbp4.5/14, mbmp4.8/18,MS3.0/45, Error ellipse: s-maj=16.6km s-min=5.6km az=48.0, NEIC 18 01:35:52.6-6.2, 11:20S:0:07:77:74W:0:02,h75km,5km, mb5.2/453,ML5.4(ARE), Error ellipse: s-maj=14.7km s-min=7.3km az=61.0, VAO 18 01:35:52.9-0.4, 11:23S:77:74W,h71km,mb5.3, GCMT 18 01:35:52.6-0.2, 11:25S:0:01:77:98W:0:02,h68km,2km, MW5.0/106, Moment Tensor Solution. s68,c81; s106,c145; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=2.39z+.13; Ms=1.98z+.14; Mo=0.29z+.06; Mw=2.39z+.10; Ms=1.98z+.08; Best double couple; Mw=4.0500x10^16Np=1.130000, s36.00000, 1-145.00000. NP2=353.00000, s70.00000, 1-60.00000. Principal axes: T 4.5070, Plg20.0000, Azm61.0000; N -0.2000, Plg28.0000, Azm162.0000; P -4.3030, Plg54.0000, Azm301.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUI 18 01:35:53.0-0.0, 11:20S:77:70W,h80km,mb5.1/9, Ms5.3/7, Ms7 5/07

ISC 18 01:35:51.8-0.4, 11:25S:0:05:77:86W:0:06,h73km,3km, h73km; p-P,n905,af193/714,mb5.2/48-3C,58Z,Near coast of Peru

Table with columns: Code, Station Name, Az, El, P, P, Time, Res. Includes stations like NNA Nana, NNA Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, El, P, P, Time, Res. Includes stations like DBBC Dabeiba, BARC Barichara, TARC Tame, Arauca, etc.

Table with columns: Code, Station Name, Az, El, P, P, Time, Res. Includes stations like NHSC New Hope, 344A Westbrook Farm, 344A Westbrook Farm, etc.

18d 1h

2016 JUL

Table with columns: TXAR, comp, Z, S, 5nm, 0.8s, baz=148, slow=9.2, SNR=46, P, P, 01 45 48.0 -0.8

Table with columns: MSTX, Muleshoe, 50.83 333, P, I, 01 44 44.6 -0.7

Table with columns: T25A, Trinidad, 54.22 334, P, P, 01 45 10.5 0.0

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like E62A, GMRC Granite Mounta, MURC Murrieta, O20A White River Cj, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like NVAR, NVAR, NVAR, NVAR, ELK, ELK, RYN, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like PGC Sidney, CLRS Cowichan Lake, VNA3 Neumayer Olymp, etc.

18d 1h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Res. Includes entries like BVCY Beaver Creek, J29M Klondike Camp, etc.

2016 JUL

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Res. Includes entries like C26K Camden Bay, F24K Squaw Lake, etc.

910

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Res. Includes entries like KSH Kashi, KSRK Korea Array, etc.

JMA 18 01:38:14.0, 0.2, 24:3N, 0.2x121.6E:0.3, h36km, MV2.6/B, TAIWAN REGION

Table with columns: Code, Station Name, Value, Unit, Status, Date, Time, Res. Includes entries like ENA Nanau, ENA baz=353, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like CHGB, ESL, NFF, TATO, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like JKRS, JKS, EAST, etc.

DC 18 02:07:35.0, 2.0, 9.49N, 124.78E, h0km, mb3.9/6, mbmp3.9/6, Error ellipse: s-maj=191.2km s-min=22.8km

MAN 18 02:07:41, 10.00N, 126.04E, h14km, Ms3.2

ISC 18 02:07:34.1, 2.3, 10.10N, 0.06, 126.14E, 0.08, h6km, 13km, n16, c199/22, mb3.9/6, 2C-5D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like SCPH, SCPH, BIFH, etc.

DC 18 02:12:04.0, 3.4, 38.11N, 73.11E, h86km, 30km, mb3.4/4, mbmp3.9/10, MS2.9/1, Error ellipse: s-maj=29.3km s-min=22.2km az=146.0

NNC 18 02:12:03.8, 3.0, 38.35N, 72.49E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=26.2km s-min=14.9km az=158.0

NEIC 18 02:12:08.6, 2.1, 38.33N, 0.06, 73.03E, 0.03, h123km, 8km, mb4.3/8, Error ellipse: s-maj=9.2km s-min=3.2km az=172.0

SOME 18 02:12:14.4, 39.87N, 73.03E, h5km

ISC 18 02:12:04.9, 0.5, 38.11N, 0.04, 72.89E, 0.04, h100km, n88, a292/104, mb4.2/10, 9C-6D, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like DRK, GAR, BTK, etc.

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

DC 18 02:21:41.0, 0.8, 1.05S, 127.02E, h0km, mb4.2/10, mbmp4.3/11, ML4.8/1, MS3.5/2, Error ellipse: s-maj=31.3km s-min=14.8km az=72.0

NEIC 18 02:21:42.4, 2.3, 1.02S, 0.06, 126.94E, 0.08, h10km, 1km, mb4.3/17, Error ellipse: s-maj=12.8km s-min=10.1km az=97.0

DJA 18 02:21:43.2, 0.2, 1.1, 1.1S, 127.7E, h10km, M4.5/22, mb4.7/18, mb5.2/7, ML4.5/22, Mw(MB)4.5/7, MwMwps5.4/1, Mwps5.6/1

ISC 18 02:21:42.2, 1.4, 1.10S, 0.03, 126.93E, 0.05, h5km, 9km, n86, c1943/92, mb4.4/2, 1C-2D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like BMDK, BMDK, BMDK, etc.

DC 18 02:21:43.2, 0.2, 1.1, 1.1S, 127.7E, h10km, M4.5/22, mb4.7/18, mb5.2/7, ML4.5/22, Mw(MB)4.5/7, MwMwps5.4/1, Mwps5.6/1

ISC 18 02:21:42.2, 1.4, 1.10S, 0.03, 126.93E, 0.05, h5km, 9km, n86, c1943/92, mb4.4/2, 1C-2D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like LBMI, LBMI, LBMI, etc.

18d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like LUWI, SWI, SGSI, MRSI, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like MDD, INMG, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like KAN05, OKCSW, etc. with their respective coordinates and data.

GCMT 18 02:58:53.0... Principal axes: T 6.4880, Plg56.0000, Azm60.0000...

ISC 18 02:58:50.2... Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Fray Jorge, Combarbal, El Pedregal, etc.

Main station table with columns: GO05, AC02, AC01, etc. Lists stations like Maricunga, Pan de Azucar, Juan Fernandez, etc.

Main station table with columns: MALB, CMC01, POPC, etc. Lists stations like Monte Alegre, Camacan, Popayan, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other details. Includes entries like U59A Littleton, U59A Oxford, OXF Oxford, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other details. Includes entries like CCM Cathedral Cave, PPT2 Papeete2, PPT Papeete, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other details. Includes entries like E63A Oxbow, E63A Idaho Springs, ISCO Idaho Springs, etc.

18d 3h

Table of station data for 18d 3h, including columns for station name, frequency, mode, and other parameters.

2016 JUL

Table of station data for 2016 JUL, including columns for station name, frequency, mode, and other parameters.

916

Table of station data for 916, including columns for station name, frequency, mode, and other parameters.

UCR 18 03:10:58.2:0.9, 13:06N-89:31W, h35km, 3km, ML3.6
NET 18 03:10:58.2:0.6, 13:07N-89:30W, h35km, 21km, ML3.6
INET 18 03:10:58.2:0.7, 13:04N-89:28W, h22km, 7km, MW3.0
GCG 18 03:10:59.7:0.6, 13:11N-89:60W, h5km, 155km, MD3.7
ISC 18 03:10:56.2:3.6, 12:97N-070:89:33W, 0.04, h17km, 26km, n67, c049/80, 20C-2D, Off coast of central America

NEIC 18 03:44:07.3:1.3, 17:9S:0.1:177:5W:0.1, h533km, 8km, mb4, 2:14, Error ellipse: s-maj=23.7km s-min=13.4km az=130.0
IDC 18 03:44:16.5:3.4, 17:43S:178:84W, h559km, 13km, mb2.9/2, mbTnp:3.8/3, Error ellipse: s-maj=142.2km s-min=32.6km az=149.0
ISC 18 03:44:08.4:0.8, 18:0S:0:2:177:5W:0.1, h550km, n25, c1945/27, mb4.1/10, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

IDC 18 03:45:35.3, 1.2, 2.14N, 89.62E, h0km, mb4.1/11, mblmp3.55km, s-maj=19.6km s-min=39.0

NEIC 18 03:45:37.4, 1.7, 2.07N, 0.05E, 89.64E, 0.09, h10km, 1km, mb4.6/15, Error ellipse: s-maj=14.6km s-min=8.6km az=88.0

ISC 18 03:45:36.0, 0.8, 2.1N, 0.11E, 89.63E, 0.09, h10km, n50, az=136/43, mb4.4/19, North Indian Ocean

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

IDC 18 03:59:39.3, 4.2, 2.24, 0.9S, 67.00W, h168km, 46km, mb3.0/1, mblmp3.6/5, Error ellipse: s-maj=68.1km s-min=37.8km az=165.0

GUC 18 03:59:40.7, 0.6, 2.4, 0.8S, 67.37W, h207km, 6km, ML3.7

ISC 18 03:59:39.3, 0.9, 24.08S, 0.05E, 67.4W, 0.1, h206km, 12km, n19, az=18/35, 3C, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

IDC 18 04:05:29.7, 1.5, 0.93N, 125.50E, h0km, mb3.8/4, mblmp3.8/4, Error ellipse: s-maj=169.3km s-min=20.4km az=6.5

DJA 18 04:05:39.9, 1.0, 1.1N, 5.12E, h29km, 12km, n3.9, MLV3.7/9

ISC 18 04:05:38.9, 1.2, 0.72N, 0.12E, 125.36E, 0.07, h73km, n9, az=109/11, mb3.7/4, Northern Molouca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

IDC 18 04:13:41.5, 3.4, 5.5, 60N, 86.28E, h0km, mblmp2.8/2, ML2.2/2, Error ellipse: s-maj=28.2km s-min=27.1km az=14.0

NNC 18 04:13:41.6, 3.7, 5.5, 47N, 86.61E, h0km, mb3.1, mpv2.7, 4C-2D, Error ellipse: s-maj=26.2km s-min=18.8km az=38.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

KRNET 18 05:21:01.3, 0.1, 3.9, 50N, 73.54E, mb3.5, NNC 18 05:21:05.4, 2.7, 3.9, 80N, 73.52E, 12.9km, mpv3.4, Error ellipse: s-maj=21.9km s-min=12.9km az=167.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

IDC 18 05:26:04.9, 4.8, 2.9, 90S, 178.50W, h0km, mb3.5/2, mblmp3.5/2, Error ellipse: s-maj=245.1km s-min=74.2km az=166.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

NCEDC 18 05:26:12.5, 2.3, 3.6, 69N, 0.010, 121.32W, 0.02, h4km, 5km, ML3.1/37, ML3.1/72, NEIC, Error ellipse: s-maj=1.8km s-min=1.5km az=84.0

NEIC 18 05:26:12.5, 2.1, 3.6, 66S, 0.009, 121.37W, 0.01, h5km, 1km, Error ellipse: s-maj=2.9km s-min=1.7km az=330.0

ANF 18 05:26:13.1, 1.5, 3.6, 62N, 121.20W, h0km, ML3.2/6, Error ellipse: s-maj=15.0km s-min=9.2km az=109.0

ISC 18 05:26:12.4 0.9, 36.66N, 0.02:121.37W, 0.02, h11km, 5km, n173.0r86/176, Central California

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their details.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and includes a detailed section for station BUI with coordinates and parameters.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and includes a detailed section for station MBWA with coordinates and parameters.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations.

Table of astronomical observations with columns: M20K, IAMB, 05 45 04.6, 05 45 02.9 +0.7, etc.

Table of astronomical observations with columns: KLMMR, Klimovskoe, 96.86 330, eP AMP, P, 05 45 22.9 -4.5, etc.

Table of astronomical observations with columns: LPAZ, La Paz, 150.31 145, PKPbc PKIKP, 05 51 52.1 +1.7, etc.

Table with multiple columns: Name, Address, Elevation, Azimuth, Slope, Aspect, etc. Lists various locations with their respective data points.

Table with columns: ID, Name, Elevation, Azimuth, Distance, Time, Residual. Includes entries like H11N3 WAKE ISLAND Hy 64.11 276 T T 07 13 34.7

VAO 18 05:54:56.2,2.1, 14.83S:73:67W, h86km, 11km, mb4.2
NEIC 18 05:55:16.0, 1.4, 15.04S:08:71.88W, 0.05,
h156km, 1.9km, mb5.0, Error ellipse: s-maj=12.4km
s-min=4.7km az=207.0

IDC 18 05:55:16.4, 1.3, 15.10S:71:89W, h150km, 20km, mb3.6, 1.0,
mbmp4.0/6, Error ellipse: s-maj=28.0km s-min=11.5km
az=30.0

ISC 18 05:55:11.8, 0.9, 14.94S:0:06:72.2W:0.1, h124km, n69,
a=174/68, mb4.87, Central Peru

Main station list table with columns: Code, Station Name, Azimuth, Distance, Phase ID, Time, Residual. Includes stations like AP01 Chacalluta, PB12 IPOC Station P, LPAZ La Paz, etc.

NEIC 18 06:01:26.5, 2.9, 36:675N:0:009:121.38W:0.1,
h5km, 1km, Error ellipse: s-maj=2.7km s-min=2.0km
az=131.0

NCEDC 18 06:01:27.1, 2.8, 36:70N:0:01:121.33W:0.02, h4km, 4km,
ML3.3/43, ML3.2/88(NEIC), Error ellipse: s-maj=2.0km
s-min=1.6km az=51.0

ANF 18 06:01:27.4, 0.9, 36:60N:121:21W, h0km, ML3.4/17, Error
ellipse: s-maj=9.9km s-min=4.3km az=124.0

ISC 18 06:01:26.7, 0.8, 36:67N:0:002:121.38W:0.02, h15km, 5km,
n237, a=96/244, Central California

Continuation of station list table with columns: Code, Station Name, Azimuth, Distance, Phase ID, Time, Residual. Includes stations like SCZ Santa Cruz, BLRM Lewis Ranch, SAO San Andreas Ge, etc.

Main station list table with columns: ID, Name, Elevation, Azimuth, Distance, Time, Residual. Includes stations like BBGB comp=E,17nm,0.5s, BSMM Soledad Mission, BBNM San Benito, etc.

Main station list table with columns: ID, Name, Elevation, Azimuth, Distance, Time, Residual. Includes stations like MDCM Deadman Creek, MMLB Mammoth Lakes, MEMM East Mammoth H, etc.

IDC 18 06:05:36.7z 2.4, 5.76S; 146.29E, h92km, 20km, mb3.6/8, mbmp4.0/10, MS2, 9/2, Error ellipse: s-maj=29.8km s-min=16.6km az=74.0

NEIC 18 06:05:40.4z 1.0, 5.94S; 0.08x146.2E, 0.1, h142km, 17km, mb4.1/13, Error ellipse: s-maj=24.0km s-min=11.5km az=93.0

ISC 18 06:05:30.1z 0.6, 5.85S; 0.05x146.2E, 0.1, h32km, n45, g25/45, mb3.9/10, 1C-1D, Eastern New Guinea region

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

NEIC 18 06:14:36.2z 2.5, 3.67N; 0.009x121.38W, 0.01, h5km, 1km, Error ellipse: s-maj=2.8km s-min=1.9km az=336.0

NCEDC 18 06:14:36.4z 2.5, 3.67N; 0.008x121.33W, 0.01, h4km, 4km, ML3, 3/54, ML3, 1/68(NEIC), Error ellipse: s-maj=1.7km s-min=1.1km az=87.0

ANF 18 06:14:38.0z 1.0, 3.67N; 0.02x121.38W, 0.02, h11km, 6km, n215, g09/222, Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like BLRM, SAO, BSLM, etc. with their respective coordinates and times.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like AMC, MOBB, CCOB, etc. with their respective coordinates and times.

SNT Searns Point 1.73 331 Pn 06 15 05.5 -0.8

RCTO ReCTOR, Farmer 1.76 101 Pn 06 15 07.5 +0.8

NOLC Noll, Clem 1.77 321 Pn 06 15 07.7 +0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like RCTO, NOLC, KCCS, etc. with their respective coordinates and times.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like MTUM, ORC, OWC, etc. with their respective coordinates and times.

REN 18 06:28:32.6z 1.3, 4.07N; 0.04x116.00W, 0.05, h5km, 7km, ML2, 5/13, ML2, 4/48(NEIC), Error ellipse: s-maj=6.8km s-min=5.5km az=153.0

NEIC 18 06:28:32.5z 1.4, 4.07N; 0.04x115.99W, 0.05, h6km, 6km, Error ellipse: s-maj=6.9km s-min=4.5km az=145.0, Nevada

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ELK, ELK, ELK, etc. with their respective coordinates and times.

RYN comp=E,12nm,0.5s IAML 06 30 08.9

NNC 18 06:34:49.05.2,54°23'N-86°39'E,h0km,mb3.6,mpv2.8, 4C-5D,Error ellipse: s-maj=85.8km s-min=25.6km az=171.0, Suspected Mining explosion,,Southwestern Siberia

NEIC 18 06:47:38.6.0.5,27°94'S,0°10'176°6W,0.2,h10km,2km, mb4.5/8, Error ellipse: s-maj=34.7km s-min=15.1km az=101.0

ISC 18 06:47:41.6.0.9,27°8S,0°1'176°5W,0.2,h37km,n29, c254/30,mb4.4/8,Kermadec Islands region

ASAR Alice Springs 44.61 264 P P 06 55 50.6 +0.1

SOME 18 06:58:29.0,39°72'N-73°98'E,h10km KRN18 18 06:58:29.0.1,39.65N-73.98E,mb3.5

OHH Osh 1.21 311 P P 06 58 53.5 +2.7

MRKS 5.0nm,0.3s eS Sg 07 00 06.2 +0.3

ARXS 3.6nm,0.5s Lg Lg 07 01 18.1

NOU 18 06:58:38.3,15°72'S-167°07'E,h10km,ML4.3/8,Vanuatu Islands,Vanuatu Islands

MAN 18 07:06:22.11°96'N,126°19'E,h1km,Ms2.5 IDC 18 07:06:25.15.1,12.11°07'N,125°54'E,h0km,mb3.5/5,

TBP Tagbilaran 2.74 220 eP Sg 07 07 09.8 -1.0

ISC 18 07:06:26.5.1,2,11°80'N,0°10'125°66'E,0.1,0,h10km,n11, c1949/9,mb3.5/5,1C,Samar

CMAR Chiang Mai Arr 26.60 288 LR LR 07 23 15.8

IDC 18 07:12:33.0.0.7,17°29'S,176°82'E,h0km,mb4.1/10, mbmp4.1/10,MS3.6/24, Error ellipse: s-maj=25.5km

MSVF Nonsavu 1.34 127 P P 07 12 57.5 -0.7

NEIC 18 07:15:32.5.0.9, 16°77'S,0°06'177°02'E,0.08,h10km,1km, mb4.4/11, Error ellipse: s-maj=12.7km s-min=9.8km az=269.0

MSVF Nonsavu 1.34 127 P P 07 12 57.5 -0.7

AFI Atafu 11.29 76 LR LR 07 19 03.1

ISC 18 07:23:34.0.6, 16°92'S,0°10'176°93'E,0.08,h10km,n45, c1867/23,mb4.2/17,MS3.6/21,Fiji Islands region

WRA Warramunga Arr 45.38 269 P P 06 55 56.2 -0.4

STKA Stephens Creek 35.28 238 P P 07 19 29.4 +0.4

WRA Warramunga Arr 40.26 259 P Iamb P 07 20 49.3

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.2 -1.2

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.6 -0.8

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.2 -1.2

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.6 -0.8

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.6 -0.8

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.6 -0.8

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.6 -0.8

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.6 -0.8

WRA Warramunga Arr 40.45 259 P Iamb P 07 20 11.6 -0.8

925

Table with station call letters (e.g., LPIG, NVAR, CMAR), station name (e.g., La Paz, Mina Array Bea), frequency, and other parameters.

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Table with station call letters (e.g., KKAR, KKAR, KKAR), station name (e.g., Karatay Array), frequency, and other parameters.

18 07 19 7h

Table with station call letters (e.g., BTLS, BTLS, MDOK), station name (e.g., Baital, Medeo), frequency, and other parameters.

IDC 18 07:14:05.4:3.8, 54°42'N-87°43'E, h0km, mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=34.2km s-min=22.1km az=34.0, Southwest Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC.

IDC 18 07:14:31.3:3.6, 53°60'N-87°96'E, h0km, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=35.8km s-min=19.7km az=51.0, Southwest Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC.

IDC 18 07:17:52.8:1.2, 39°88'N-71°04'E, h0km, mb3.7/6, mbtmp3.8/13, ML3.4/7, MS2.9/5, Error ellipse: s-maj=22.7km s-min=12.8km az=154.0, MOS 18 07:17:52.5:1.5, 39°83'N-70°75'E, h10km, mb4.0/2, Error ellipse: s-maj=9.5km s-min=4.9km az=63.7, MOS Fellt (III-IV) at Boz-Adyr; (III) at Buzhum, Ormosh, Dzhan-Yorgon, Sur; (II-III) at Batken, Aydarken, Kyzyl-Dzhol.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC.

IDC 18 07:17:55.8:0.9, 39°89'N-0°03:70.90E, h0.02, h14km, 5km, n136, c258/178, mb3.8/7, MS3.1/3, 39C-15D, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like FINES, ARCES, VRAC, NJ2, NBS, NOA, BORG, TORO, ILAR, ASAR, ASAR.

TAP 18 07:55:39.9,24.92N,122.46E,h26km,1km,ML2.5,D
JMA 18 07:55:41.0,0.4,25°N,2°E,0.7,h5km,MV2.9/6,NW
OFF ISHIGAKUJIMA IS
ISC 18 07:55:40.5,1.1,24.90N,122.44E,0.03,h26km,1.1km,
n23,c053/37,Taiwan region

Main table for station data in Taiwan region. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TWB1, EGS, SX11, NTC, NTC, TIPB, TWC, TWC, JYNG, JYNG, YOJ, YOJ, YND, NDS, TWE, EWUT, TWA, FUSB, ENA, YMO1, LATG, LATG, YHNB, YHNB, NACB, NNSB, IRIF, HATJ, JKRS.

TAP 18 07:55:46.7,24.64N,121.89E,h10km,ML1.9,C,D, Taiwan

Main table for station data in Taiwan region. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like EWUT, EWUT, ENA, ENA, TWC, TWC, EHP, NDS, NDS, TWE, TWE, ILA, ILA, LATG, LATG, ENTT, ENTT, ETL, ETL, NACB, NACB, NACB, EGS, NTC, NTC, FUSB.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like FUSB, FUSB, ETLH, ETLH, TWD, TWD, TWD, NNSB, YHNB, YHNB, TIPB, TIPB, NSK, NSK, NSK, TWB1, FUSS, SX11, WHF, NFF, NFF.

TAP 18 07:56:48.7,24.85N,122.45E,h6km,ML3.0,D
JMA 18 07:56:48.5,0.2,25°N,2°E,0.7,h4km,MV2.7/7,NW
OFF ISHIGAKUJIMA IS
ISC 18 07:56:48.1,1.1,24.84N,122.44E,0.03,h8km,1.0km,
n43,c047/17,2,Taiwan region

Main table for station data in Taiwan region. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TWB1, TWB1, EGS, EGS, NTC, NTC, TIPB, TIPB, TWC, TWC, JYNG, JYNG, YND, YND, NDS, NDS, TWE, TWE, EWUT, EWUT, ENA, ENA, FUSB, FUSB, TWA, TWA, ENTT, ENTT, NHDH, NHDH, YMO1, YMO1, TWY, TWY, LATG, LATG, NTST, NTST, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, NSK, NACB, NACB, NACB, NNSB, NNSB, ETLH, ETLH, TWD, TWD, TWD, FUSS, FUSS, FUSS, FUSS, TRIF, TRIF, TWT, TWT, LIOB, LIOB, NSTT, NSTT, CHGB, CHGB.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like OWD, OWD, WUSB, WUSB, HATJ, HATJ, JKRS, JKRS, WCS, WCS, WVDT, WVDT, EHY, EHY, SSSLB, SSSLB.

IDC 18 08:04:54.5,3.3,54.57N,86.22E,h0km,mbtmp2.7/2,
ML2.4/2, Error ellipse: s-maj=23.2km s-min=14.8km
az=46.0

NCC 18 08:04:49.4,1.7,54.68N,86.49E,h0km,mb0.8,mpv1.2,
3C-5D, Error ellipse: s-maj=21.0km s-min=9.4km
az=148.0,Suspected Mining explosion.,Southwestern
Siberia

Main table for station data in New Britain region. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like I46RU, ZAAO, ZAAO, ZALV, ZALV, ZALV, KURK, KURK, KURBB, KURBB, KURBB, KURBB, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MAKZ, MAKZ.

IDC 18 08:07:48.9,3.9,5.80S,151.62E,h80km,25km,mb3.4/2,
mbtmp3.7/3, Error ellipse: s-maj=123.6km
s-min=17.4km az=118.0,New Britain region

Main table for station data in New Britain region. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KRVT, KRVT, PMG, PMG, WRA, WRA, ASAR, ASAR, TORO, TORO.

IDC 18 08:09:12.5,2.9,53.78N,86.83E,h0km,mbtmp2.8/2,
ML2.5/2, Error ellipse: s-maj=26.3km s-min=15.5km
az=59.0,Southwestern Siberia

Main table for station data in New Britain region. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR.

IDC 18 08:56:41.8,0.8,38.38N,142.82E,h0km,mb3.7/9,
mbtmp3.7/3,ML3.0/4,MS2.8/4, Error ellipse:
s-maj=21.2km s-min=16.7km az=116.0

NEIC 18 08:56:41.3,1.5,38.33N,143.0E,0.1,h10km,1km,
mb4.4/9, Error ellipse: s-maj=14.1km s-min=10.0km
az=113.0

JMA 18 08:56:45.7,0.2,38.5N,0.3,142.5E,0.8,h31km,2km,
MD3.9/40,MV4.1/40,E OFF MIYAGI PREF

NIED 18 08:56:45.7,38.53N,142.47E,h31km,MW3.7,Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;
M1=-3.64; M2=1.11; M3=2.53; M4=0.87; M5=0.43; M6=3.16;
Fault plane solution: Mo=4.54000x10^14 NP1=16.00000°,
delta2=0.0000°,lambda=90.00000°. NP2=195.00000°,delta8.00000°,
lambda=90.00000°

ISC 18 08:56:42.8,3.4,38.41N,0.05x142.68E,0.06,h15km,22km,
mb4.1,1894/59,mb3.9/14,Near east coast of eastern
Honshu

Main table for station data in New Britain region. Columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JIKH, JIKH, JIKM, JIKM, JKMT, JKMT, OFUJ, OFUJ, OFUJ, OFUJ, JIO, JIO, JIO, JMK, JMK, JMK, JOFO, JOFO, JOFO, JOFO, JOM, JOM, JMM, JMM, JMM, JMM, JOU, JOU, JOU, JOU, JTH, JTH, JJK, JJK, JRG, JRG, JRG, JJK, JJK, JYS, JYS.

Table with columns: JTM, Yato, Sado, Ermo, Matsushiro Arr, etc. Includes station names, codes, and numerical data.

VIE 18 08:59:32.0-0.2, 47.59N, 15.45E, h0km, mb1.0/3, ml1.2/3, Error ellipse: s-maj=1.4km s-min=1.2km az=88.0 8 km N of Kindberg Mining explosion, Austria

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

IDC 18 08:59:38.7-0.4, 30.46S, 71.59W, h0km, mb1.6/13, m1bpm4.5/17, ML4.2/4, MS4.2/38, Error ellipse: s-maj=16.7km s-min=14.7km az=105.0

VAO 18 08:59:43.4-0.4, 30.40S, 71.59W, h30km, mb4.9 NEIC 18 08:59:43.4, 30.37S, 71.85W, h35km, Moment Tensor Solution...

GCMT 18 08:59:44.4-0.3, 30.59S, 0.02-71.92W, 0.03, h37km, MW5.1/68, Moment Tensor Solution, s49, c56; s68, c84...

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

Main table with columns: G004, G004, G004, etc. Lists station codes, names, and numerical data.

Main table with columns: CPUP, CPUP, CPUP, etc. Lists station codes, names, and numerical data.

18d 8h

Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like CBYP Canovas, GCPR Guaynabo City, ANWB Willy Bob, etc.

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Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like JCT Junction City, V58A Windy Hill, V58A Windy Hill, etc.

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Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like R58B Mineral, R58B Mineral, X37A Clayton, etc.

929 2016 JUL 18d 8h

Table with columns: ID, Name, Time, Status, Date, Time, Status, Date, Time, Status, Date. Rows include: 053A New Philadelph, T35B Sooner Cattle, TIAR Tiarel, SSPA Standing Stone, UPAO U. Pittsburgh, BLOK Blackwell, R40A Maddies Statio, R40A Maddies Statio, N58A Sunbury, N58A Sunbury, ACSO Alum Creek Sta, ACSO Alum Creek Sta, ELIS Ellis County, PPT2 Papeete2, PPT2 Papeete2, PPT2 Papeete2, PPT Papeete, P46A Rosedale, ODNJ Ogdenburg, O49A Covington, O49A Covington, O49A Covington, U32A Winter Ranch, U32A Winter Ranch, 121A Cookes Peak, 121A Cookes Peak, OK032 Salt Plains WL, O48B Farmland, PSWB Penn State Wil, KAN01 Argonia Station, M57A Sunshine Farm, P43A Skaggs, Pawnee, P43A Skaggs, Pawnee, M55A Ridgway, N49A Columbus Grove, N49A Columbus Grove, M53A WI Miller and, N47A Urbana, N47A Urbana, N47A Urbana, N47A Urbana, P40A Paris, P40A Paris, L59A Walton, L59A Walton, L59A Walton, QU42 Belchertown, BINY Binghamton, L56A Greenwood, L56A Greenwood, L56A Greenwood, HDIL Hopedale, TUC Tucson, HRV Adam Dzievonsk, HRV Adam Dzievonsk, ERPA Erie, P38A Dawn, WVNY West Valley, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, K57A Scipio Center, KSU1 Kansas State U, L48A N Adams, R32A Long Quarter, R32A Long Quarter, MMNV Mt. Morris Dam, 214A Organ Pipe Nat, LIC Lamto, J61A Chester, J61A Chester, ACCN Adirondack Com, J59A Piesco, TIC Tournodi, CBKS Cedar Bluff, KIC Kosan Boka, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro.

Table with columns: ID, Name, Time, Status, Date, Time, Status, Date, Time, Status, Date. Rows include: T25A Trinidad, I63A Otisfield, LBNH Lisbon, LBNH Lisbon, L40A Anamosa, L40A Anamosa, LONY Lake Ozonia, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, KSCO Keye Shedlock, JFWF Jewell Farm, JFWF Jewell Farm, SADO Sadowa, SADO Sadowa, GLA Glamis, K38A Parkersburg, G62A West of Eustis, G62A West of Eustis, GGN Saint George, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, S22A 4UR Ranch, WUAZ Wupaki, SWSC Sam W. Stewart, MVCO Mesa Verde, MVCO Mesa Verde, Q24A Divide, Q24A Divide, BC3 Big Chuckawall, F64A Sherman, F64A Sherman, LMN Caledonia Moun, LMN Caledonia Moun, IRM Iron Mountain, PFO Pinon Flats, PFO Pinon Flats, PFO Pinon Flats, BELO Belle Mtn. Jos, PV13 Radium Mtn., E63A Oxbow, E63A Oxbow, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, I37A Lemond, Waseca, I37A Waseca, E62A Clayton Lake, E62A Clayton Lake, K31A O'Neill, MURC Murta, GMRC Granite Mount, ELS Elinor Mount, ELS Elinor Mount, D62A Allapont, All, D62A Allapont, All, D62A Allapont, All, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, HEC Hector,Ludlow, LATQ La Tuque, BATG Bathurst New B, BFSC Mount Baldy Ra, TUQ Turquoise Moun, E43A Lone Tree Farm, SPMM Marine on St., N23A Red Feather La, PHWY Pilot Hill, O20A White River Ci, O20A White River Ci, RAR Rarotoga, SRU San Rafael Sru, EDW2 Edward Air Fo, MSU Marysville, VLDO Vld'Or, F36A Milaca, LRMC Laurel Mtn Rad, E38A The Farm, Brul, RDMU Red Mountain, RWVY Rawlins, RWVY Rawlins, FURC Furnace Creek, MPMC Mutual Propsec, TPNV Topopah Spring, ISA Isabella, Lake, F33A 5 Mile Ranch.

Table with columns: ID, Name, Time, Status, Date, Time, Status, Date, Time, Status, Date. Rows include: F33A 5 Mile Ranch, PKM Mcherson Peak, K22A Casper, K22A Casper, CWC Cottonwood Cre, VES Vestal, Richgr, GRAC Grapevine Rang, SPR3 Spring Creek 3, SPR3 Spring Creek 3, JLU Jordanelle, R11A Troy Canyon, R11A Troy Canyon, RSSD Black Hills, RSSD Black Hills, TSUM Tsumeb, TSUM Tsumeb, DUG Dugway, Tooele, DUG Dugway, Tooele, EYMN Ely, EYMN Ely, DRLN Deer Lake, HWUT Boulder Array, HWUT Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, B35A Bob, Littlefor, B35A Bob, Littlefor, E28A Huff, E28A Huff, E28A Huff, NVAR Mina Array Bea, NVAR Mina Array Bea, HVU Hansel Valley, AGMN Agassis Nation, AGMN Agassis Nation, AGMN Agassis Nation, PMOZ Porto Moniz, PMOZ Porto Moniz, ELK Elko, BOSA Boshel, BOSA Boshel, REDW Red Top Meadow, MDND Maddock, MDND Maddock, MDND Maddock, TPAW Teton Pass, PMPST Porto Santo, RLMT Red Lodge, TOAO Torodi Ar. Sit, TOAO Torodi Ar. Sit, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, LAO Lasa Array, LAO Lasa Array, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, BEKR Beckworth, HLID Hailey, LBTB Lobatse, LBTB Lobatse, CASY Casey, DGMT Dagmar, DGMT Dagmar, BOZ Bozeman (W), WVOR Wild Horse Val, SCHQ Schererville, SCHQ Schererville, J08A Circle Bar Ran, J08A Circle Bar Ran, EGMT Eagleton, MSO Missoula, L04D Klamath Falls, I07A Izee, J08A Fort Rock, OR, URZ Urewera, PINE Pine Mountain, PINE Pine Mountain, L02F Cave Junction, RPZ Lata Peaks, J04D Umpqua Nationa, G08A Pilot Rock, K02D Willamette Mer, I05D Terrebonne, OR, WALA Waterton Lakes, WALA Waterton Lakes, H04A Detroit Lake, HAWA Hanford, HAWA Hanford, FFC Flin Flon, MDT Midelt.

Table of astronomical observations for 18d 9h, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2016 JUL, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 930, including columns for object name, coordinates, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MCMC Marconi Confer, EFD Emergency Oper, LSCD Los Osos Digit, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CCAC comp=E,274nm,1.0s, TPCH comp=N,327nm,1.1s, EDW2 comp=N,311,SNR=34, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like DVHZ Donnevrikke, ANWZ Angora Road, POWZ Post Office Ro, etc.

IDC 18 09:53:38.6; 0.6, 3.7; 17N; 81.78W, h0km, mb4.1/18, mbtmp4.1/22, ML3.5/4, Error ellipse: s-maj=15.0km s-min=6.4km az=131.0

SLM 18 09:53:39.6; 1.7, 3.7; 19N; 0.03; 81.83W; 0.04, h0km, 2km, Mwr3.7/30, mb4.1/43(NEIC), mb_Lg4.0/201(NEIC), Error ellipse: s-maj=6.5km s-min=4.4km az=224.0

NEIC 18 09:53:39.6; 1.6, 3.7; 18N; 0.03; 81.86W; 0.04, h1km, 2km, Error ellipse: s-maj=6.4km s-min=4.4km az=226.0

ANF 18 09:53:39.4; 0.1, 3.7; 20N; 81.83W; h0km, ML4.5/17, Error ellipse: s-maj=1.6km s-min=1.2km az=120.0

NEIC 18 09:53:39.7; 3.7; 19N; 81.86W; h1km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr:0.42; Mw:0.42; Mv:0.00; Mn:2.38; Mw:0.25; Ms:2.87; Fault plane solution: Ms:3.76000; 10^14 NP1: 90.00000; 85.00000; 140.00000; NP2: 320.00000; 887.00000; 1.94.00000; Principal axes: T 3.7606, Plg48.0000; Azm234.0000; N -0.0003, Plg4.0000; Azm140.0000; P -3.7603, Plg42.0000; Azm46.0000

ISC 18 09:53:39.9; 0.4, 3.7; 19N; 0.02; 81.87W; 0.02, h10km, n286, r1946/236, mb4.1/32, West Virginia

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like U54A Nelsons Funny, U54A Nelsons Funny, U54A, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like TKL, Q51A, R50A, P53A, BG3, CA5EE, PAULI, TS6A, S57A, S57A, V51A, V51A, P52A, P52A, P52A, P51A, P51A, W57A, W57A, W58A, W58A, W52A, CPCT, CPCT, BIRD, BIRD, Q56A, Q56A, Q56A, R49A, R49A, R49A, MCWV, MCWV, MCWV, JSC, O53A, O53A, ACSO, ACSO, ACSO, U49A, U49A, O54A, O54A, JSRW, P49A, P49A, R58B, X58A, X58A, U59A, Y57A, W50A, W50A, T59A, T59A, T59A, O49A, X51A, X51A, X51A, N53A, N53A, CBN, Y58A, CLTN.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like CLTN, CNNC, Y52A, Y52A, Y52A, P57A, HAW, HAW, SWET, GOGA, GOGA, GOGA, GOGA, O48B, FPAL, T60A, T60A, T60A, N49A, BLO, BLO, T47A, T47A, T47A, NHSC, NHSC, NHSC, M53A, M53A, M53A, M52A, CSU, SSPA, SSPA, SSPA, ALLY, 154A, Z51A, N47A, WVT, WVT, WVT, Y49A, Y49A, Y49A, X48A, X48A, X48A, ERPA, ERPA, ERPA, MVL, SFIN, 257A, 255A, 255A, AAM, AAM, AAM, T45A, M57A, K50A, WVNY, WVNY, LRAL, LRAL, TIGA, TIGA, L56A, P61A, LUPA, CGM3, CGM3, PVM0, M44A, KSPA, Z47A, P43A, HQIL, J54A, GNAR, BRNJ, OXF, HDIL, HDIL, BINY, BINY, BINY, J55A.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like L44A, PBMO, K57A, Y45A, Y45A, TRNY, TRNY, J56A, L59A, PAL, PAL, HBAR, 553A, K43A, CCM, CCM, N62A, J57A, L42A, N41A, SADO, SADO, KSCT, DELO, YLE, R40A, P40A, TRY, J59A, 346A, JFWS, JFWS, JFWS, VBMS, L40A, CCAR, QUAZ, NCB, DWPF, S39A, K62A, LONY, E46A, J61A, J40A, Z11A, VT1, RLO, SPMN, KSAU, F36A, ECSD, OK032, R32A, CBKS, SUSD, D32A, AMTX, ULM, ULM, ULM, MDND, Q24A, N23A, N23A, K22A, DGMT, TX31, TX31, TXAR, TXAR, TXAR, TXAR, ANMO, ANMO, ANMO, ANMO, RWWY, LAO, SCHO, SCHO, SCHO, PV15, PV07, PV07, PV13, PV23, 121A.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for Pinedale Array, Boulder Array, Red Lodge, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for Green Lake, Raoul Island, Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for Papeete, Roma, Tasmania Univ, etc.

ISC 18 10:27:15.40.0.31:63Sx178.05W, h0km, mb4.6/15, mbmp4.6/18, ML5.2/2, MS4.1/46, Error ellipse: s-maj=17.2km s-min=15.0km az=104.0...

18d 10h

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Table with columns: Name, Location, Date, Time, and other details. Includes entries like Davo City (W), Belgrano 2, BBKI Banjar Baru, etc.

Table with columns: Name, Location, Date, Time, and other details. Includes entries like GMRC Granite Mounta, MLAC Mammoth, USRK Ussuriysk Arr, etc.

Table with columns: Name, Location, Date, Time, and other details. Includes entries like TX31 Lajitas Arr, CMIG Matias Romero, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like KIROV, PRGR, ARCES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like SORM, MILM, MILM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like RAO, RAO, URZ, etc.

WEL 18 10:27:54.9±0.5, 40°S, 2°17'6"E, h25km, 4km, M2.6/13, ML3.4/4, ML2.6/13, Error ellipse: s-maj=0.0km s-min=0.0km az=115.0, North Island

IDC 18 10:33:46.9±2.0, 31°68'S-178°11'W, h0km, mb4.0/3, mbmtmp4.0, Error ellipse: s-maj=47.3km s-min=37.4km az=67.0, Kermadec Islands region

18d 11h

NEIC 18 11:03:28.6,0.7,31.87S,0.09:178.07W,0.0:2,h35km,2km, mb4.4/14, Error ellipse: s-maj=29.4km s-min=5.0km az=118.0

ISC 18 11:03:26.0,0.9,31.75S,0.07:178.17W,0.0:2,h24km,n29, c096/28,mb4.2/11,Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists various seismic stations like RAO, URZ, BKZ, etc.

WEL 18 11:05:02.2,0.6,39.3S,3x17.8E,h22km,4km,M2.2/10, ML2.6/13,MLV2.2/10, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like TKGZ, RIGZ, CNWZ, etc.

NEIC 18 11:11:01.9,3.6,53.48N,0.10:166.17W,0.0:5,h35km,2km, mb3.5/8,ML3.9/10,ML3.9(AEIC), Error ellipse: s-maj=16.2km s-min=4.9km az=175.0

ISC 18 11:11:03.2,3.6,53.72N,1.66:41W,h64km,30km,mb3.5/23, mbtmp3.8/25,ML3.9/21, Error ellipse: s-maj=24.6km s-min=14.5km az=170

AEIC 18 11:11:04.3,6.3,53.32N,0.07:166.17W,0.1:h29km,8km, Error ellipse: s-maj=11.7km s-min=7.1km az=141.0

ISC 18 11:11:00.4,0.5,53.34N,0.07:166.06W,0.0:5,h48km,n126,c19/95/124,mb3.8/23, Foz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like UNV, MAFS, AKWA, etc.

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Table with columns: KOFP, CHGN, CHGN, GSTR, CHIR, CHIR, CHIR, etc. Lists stations like Korovin Flat P, Chignik, etc.

Table with columns: KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, etc. Lists stations like Kodiak Island, Cape Douglas, etc.

GRNC Granite Creek 15.09 51 Pn Pn 11 14 30.7 +0.3

Table with columns: GRNC, TABL, J25K, M27K, L27K, BCAR, I26K, I26K, HYT, HYT, DAWY, DLBC, etc. Lists stations like Granite Creek, Table Mountain, etc.

YKA Yellowknife Ar 28.09 50 P P 11 16 48.5 +1.4

NVAR Mina Array Bae 35.71 95 pP 11 18 16.8 +1.1

H1N2 WAKE ISLAND Hy 39.49 222 T T 12 00 19.1

H1N1 WAKE ISLAND Hy 39.51 222 T T 12 00 20.4

H1S1 WAKE ISLAND Hy 40.67 222 T T 12 01 54.3

H1S2 WAKE ISLAND Hy 40.68 222 T T 12 01 50.0

H1S3 WAKE ISLAND Hy 40.69 222 T T 12 01 48.0

KSR5 Korea Array 47.27 278 P P 11 19 27.5 -1.0

TXAR Lajitas Array 50.75 92 P P 11 19 58.9 +3.3

TXAR Kuchatov Arra 63.06 320 P P 11 21 20.0 -2.2

FINES FINES Array B 65.16 354 P P 11 21 33.4 -2.4

NOA NORSTAR Array B 65.95 1 P P 11 21 39.0 -1.9

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Table with columns: AKTO, AKASA, CMAR, KBZ, BRTR, ESDC, WRA, ASAR, H03N2, H03N1, H03N3, BDFS, BOSA. Lists stations like Akt'yubinsk, Akasa, etc.

IDC 18 11:14:15.5,3.3,31.74S,178.09W,h0km,mb3.3/2, s-mbtmp3.5/3,ML2.9/1, Error ellipse: s-maj=75.6km s-min=49.1km az=118.0,Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like URZ, ASAR, WRA, FINES, etc.

AUST 18 11:28:04.8,0.7,32.35S,150.90E,h0km, Error ellipse: s-maj=10.2km s-min=5.2km az=77.0

IDC 18 11:28:05.3,3.9,9,32.39S,150.70E,h0km,mbtmp3.1/3, ML3.1/3, Error ellipse: s-maj=161.2km s-min=47.6km

ISC 18 11:28:05.7,0.9,32.34S,0.04:150.89E,0.06,h10km,n13, s=12/91, New South Wales

Table with columns: MGCD, AUKHS, AUPHS, AUKHS, AUDCS, ARMA, ANBS, AUMTS, CMSA, MILA, STKA, STKA, ASAR, WRA. Lists stations like Mangrove Creek, Kincurve High, etc.

IDC 18 11:32:39.5,6.2,30.42S,178.55W,h0km,mb3.2/2, s-mbtmp3.2/2, Error ellipse: s-maj=234.7km s-min=64.4km az=155.0,Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like ASAR, WRA, FINES, etc.

TAP 18 11:46:11.2,24.42N,121.77E,h13km,ML1.5,3C-ID,C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like EWUT, ENA, EHP, TWC, TWC, NDS, LATG, LATG, ENTT, ENTT, ETL, ETL, NACB, etc.

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

TAP 18 11:46:22.4, 24:39N:121:33E, h12km, 1km, ML0.9, 1C, A, Taiwan

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

AUST 18 11:55:17.9, 10.0, 32:35S:150:86E, h0km, Error ellipse: s-maj=110.1km s-min=37.8km az=177.0

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

IDC 18 11:56:55.3, 0.8, 37:68N:143:98E, h0km, mb3.8/10, mbtm3.8/14, ML3.0/4, MS2.7/3, Error ellipse: s-maj=20.1km s-min=18.2km az=118.0

Code Station Name Az Phase ID Time Res

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

USRK Ussuriysk Arr. 10.84 309 Pn

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRK, H1N2, H1N1, etc.

IDC 18 12:00:24.1, 1.6, 1:17N:79:02W, h0km, mb3.8/4, mbtm3.9/5, ML3.7/1, MS3.3/7, Error ellipse: s-maj=116.7km s-min=21.9km az=68.0

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

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, PB16, CMIG, etc.

KRNET 18 12:20:12.6, 0.1, 43:20N:78:06E, h18km, mb2.8

SOME 18 12:20:12.9, 43:22N:78:07E, h15km

ISC 18 12:20:12.4, 1.0, 43:19N:0:03:78.08E, 0.02, h18km, 4km, n25, c060/46, 4C-4D, Lake Issyk-Kul region

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

18d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KUW, KUU, TARG, ULHL, DGS, etc.

HVO 18 12:28:17.7:1.2, 19.29N, 0.05:154.98W, 0.05, h38km, 4km, ML3.0/10, ML2.4/42(NEIC), Error ellipse: s-maj=9.5km s-min=3.6km az=136.0

NEIC 18 12:28:15.2:1.5, 19.21N, 0.05:154.95W, 0.04, h45km, 4km, Error ellipse: s-maj=9.6km s-min=2.4km az=144.0

Main table for Hawaiian Islands with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include JCUZ, JOKA, NPOC, etc.

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Table with columns: HUH, IAML, Time, Res. Rows include HUH, KHUU, HPAH, etc.

DJA 18 12:31:56.4:0.3, 6.5S, 2.11E, h10km, M3.8/17, MLV3.8/17, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include UWJI, TBJU, SMRI, etc.

ICD 18 12:32:44.9:5.8, 30.55S, 178.65W, h0km, mb3.8/2, mbmp3.8/2, Error ellipse: s-maj=229.2km s-min=54.0km az=155.0

NEIC 18 12:32:50.4:0.5, 31.0S, 0.1:178.6W, 0.2, h35km, 2km, mb4.2/10, Error ellipse: s-maj=36.2km s-min=20.3km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include STKA, COEN, AS31, etc.

ICD 18 12:38:20.8:2.8, 31.83S, 177.96W, h0km, mb4.0/3, mbmp4.0/4, MS3.3/1, MS3.5/2, Error ellipse: s-maj=70.1km s-min=42.4km az=131.0

NEIC 18 12:38:24.6:1.6, 31.70S, 0.0:177.5W, 0.2, h26km, 7km, mb4.7/15, Error ellipse: s-maj=22.2km s-min=11.9km az=103.0

Main table for Kermadec Islands region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include STKA, RAOU, UREWA, etc.

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Table with columns: PEA0B, PETK, FINES, Time, Res. Rows include PEA0B, PETK, FINES

ICD 18 12:52:23.2:5.0, 29.74S, 178.89W, h0km, mb3.4/2, mbmp3.4/2, Error ellipse: s-maj=218.3km s-min=82.1km az=166.0, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ASAR, WRA, FINES

ICD 18 13:09:39.5:1.0, 31.75S, 177.91W, h0km, mb4.6/6, mbmp4.5/8, ML4.3/2, MS3.6/16, Error ellipse: s-maj=22.2km s-min=21.1km az=118.0

WEL 18 13:09:41.8:1.0, 32.5S, 177.8W, 2.7, h33km, M4.7/9, mb5.0/8, ML5.5/12, MLV5.0/9, Mwinj=0.4/3.6, Error ellipse: s-maj=0.0km s-min=0.0km az=107.2

NEIC 18 13:09:46.6:2.3, 31.3S, 0.1:178.10W, 0.03, h35km, 2km, mb4.6/20, Error ellipse: s-maj=17.2km s-min=5.7km az=358.0

ICD 18 13:09:42.2:0.8, 31.87S, 0.06:177.9W, 0.2, h24km, n78, s152/71, mb4.6/16, MS3.6/13, Kermadec Islands region

Main table for Kermadec Islands region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GLKZ, RAO, RAOI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WHP Taichung City, LIOB Emei, NSTT Nanjuang, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KMKR, KMKR Kumukh, URKR Urkarakh, etc.

Table with columns: GOF, YRD, YRD, LRK, LRK, AKTO, AKTO, AB31, AB31, AAK, AAK. Includes station names and coordinates.

ZUR 18 14:38:34.4, 46:32N, 7:34E, h4km, 1km, MLH0.8/5.2C, Error ellipse: s-maj=3.7km s-min=1.0km az=80.0, Switzerland

DRS 18 14:21:04.7±0.0, 42:97N, 46:78E, h9km, AZER 18 14:21:06.2±0.2, 42:83N, 46:62E, h1km, Error ellipse: s-maj=5.4km s-min=2.2km az=333.0

IDC 18 14:40:17.9±1.6, 29:21S, 61:18E, h0km, mb3.8/6, mbmp3.8/6, MS3.4/5, Error ellipse: s-maj=55.0km s-min=27.4km az=30.0

Main table of station data for the left column, including codes like DBC, DBC, DBC, KRNR, KRNR, KRNR, etc.

Main table of station data for the middle column, including codes like KSMR, KSMR, KSMR, VLKR, VLKR, VLKR, etc.

Main table of station data for the right column, including codes like RER, FOMA, VOI, ABPO, ABPO, MBAR, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like TOL2, CASY, QSPA, JHS, AMKA, etc.

NEIC 18 15:10:50.51, 7.56:3S:0.2-26.6W:0.2, h51km, gkm, mb4.3/8, Error ellipse: s-maj=22.5km s-min=13.7km az=194.0

ISC 18 15:11:04.6:8.0, 56:47S:26.05W, h181km, 75km, mb3.7/4, mbtm4.1/5, Error ellipse: s-maj=34.9km s-min=22.5km az=78.0

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like HOPE, WNA1, VNA3, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like SNA4, SNA5, TROLL, BELA, etc.

MAN 18 15:30:37, 103.34N:126.66E, h30km, Ms3.5, Philippine Islands region

IDC 18 15:46:59.1±3.6, 4.44N: 125.96E, h94km, 31km, mb3.7/10, mbtm4.1/10, MS2.2/1, Error ellipse: s-maj=41.1km s-min=13.6km az=75.0

NEIC 18 15:47:01.8±1.3, 4.44N:0.05x126.3E:0.1, h106km, gkm, mb4.3/32, Error ellipse: s-maj=15.3km s-min=6.0km az=73.0

DJA 18 15:47:01.6±0.4, 4.4N:3.12°E, h93km, 5km, M4.4/18, mb4.3/15, mb5.0/6, MLV4.5/18, MW(MB)4.3/6

MAN 18 15:47:02.470N:126.26E, h114km, Ms4.2, ISC 18 15:47:00.9±0.8, 4.48N:0.04x126.31E:0.07, h106km, 7km, n86, ±192/66, mb4.2/23, 2C-6D, Talaud Islands

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like SSGI, SDMP, DDMP, etc.

ASAR Alice Springs 28.94 166 P P 15 52 49.2 -1.2

ASAR Alice Springs 28.94 166 P P 15 52 49.2 -1.2

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like ASAR, MORW, FORT, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like PETK, PETK, MK31, etc.

IDC 18 15:59:57.4±1.0, 49:56S:125:25E, h0km, mb4.1/7, mbtm4.1/7, MS3.7/18, Error ellipse: s-maj=50.3km s-min=16.9km az=100.0

NEIC 18 15:59:59.2±1.9, 49:56S:0.1x125:1E:0.4, h13km, 6km, mb4.4/18, Error ellipse: s-maj=34.6km s-min=14.0km az=102.0

ISC 18 15:59:58.7±0.6, 49:53S:0.07x125:1E:0.2, h10km, n41, ±1940/26, mb4.3/11, MS3.7/18, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like H01W1, H01W2, NWA0, etc.

Table with station names (MKAR, ABTA, WTTA, SOTA, META, FOTA, DAVA, FINES, ZALV, NOA, ARCES, TORD) and their respective coordinates and frequencies.

IDC 18 17:12:27.01, 1.2, 24114S, 111.655W, h0km, mb3.7/4, mbtmp3.7/4, MS3.5/14, Error ellipse: s-maj=48.9km

Main table for IDC 18 17:12:27.01, listing station names (NNA, PPT, ATAH, PLCA, LVC, LPAZ, CMIG, RAR, SIV, CPUP, TXAR, AFI, ANMO, MORV, PDAR, PDAR, SNA, H1S12, H1S11, H1S13, H1N13, H1N11, H1N12, CMAR) and their details.

IDC 18 17:25:35.0, 3.7, 30105S, 177.54W, h0km, mb3.2/2, mbtmp3.2/2, Error ellipse: s-maj=76.4km s-min=36.5km

Main table for IDC 18 17:25:35.0, listing station names (RAO, ASAR, WRA, FINES) and their details.

NEIC 18 17:55:37.7, 1.3, 11.47S, 0.03, 116.29E, 0.06, h10km, 1km, mb4.7/41, Error ellipse: s-maj=11.1km s-min=3.9km

DJA 18 17:55:41.1, 1.2, 11.52S, 116.69E, h22km, 11km, M4, 8/34, mB5.2/10, mb4.8/34, MLV5.0/22, MW(mB)4.6/10

IDC 18 17:55:51.2, 3.4, 11.13S, 116.69E, h10km, 29km, mb3.8/16, mbtmp4.2/18, MS3.4/10, Soth of Sumbawa

Main table for IDC 18 17:55:51.2, listing station names (TWISI, IGBI, DNP, PLA, PLAI, SRBI, WBSI, JAGI, JAGI, JAGI, ABJI, GMJI, GMJI, BLJI, KMMI, PWJI, PCJI, EDFI, MMRI, MMRI, MMRI, BWJI, UGM, UGM) and their details.

Large table listing various stations (UGM, BSSI, BKSI, KAPI, KAPI, KAPI, BNSI, BBKI, SPSI, BBSI, TTST, LEM, CNJI, MBWA, MBWA, KMIS, MTJI, CBJI, PSA00, PSA00, FITZ, FITZ, GIRL, GIRL, STKI, KNRA, KNRA, KASI, SBUM, MTN, MTN, MNAI, MNAI, MNAI, MEEK, MEEK, KSI, TNTI, MYLMD, KRJI, MORW, MORV, FAKI, FAKI, FAKI, MYKOM, BLDU, WARRA, WRA, WRA, WRA, WRAB, WRAB, WRAB, WR2, WR0, SAI, DAVI, AS31, ASAR, ASAR, ASAR, ASAR, IPM, IPM, FORT, FORT, FORT, GSI, GSI, GSI, KULM, KULM, WAMI, KCSI, QIS, OOD, MULG, COEN, BBOO, BBOO, CTAO, CTAO, STKA, CM31, CMAR, CMAR, ARMA, ARMA, CAN, PZH, PZH, SHL, ODAN, TAPN, LSA, RAMN, JIRS, JHS, GUN, PUKI, PKIN, DMN, KKN, JHU) and their details.

Main table for 18d 18h, listing station names (KSN, GKS, KRSR, KOLS, DANN, PYUN, MJAR, MJAR, HHC, HHC, GTA, GTA, GTA, GTA, GTA, URSK, SONM, NIL, WMQ, KLR, KSH, KSH, KSH, TARG, KBL, CRZF, MK31, MK31, MKAR, MAKZ, MAKZ, GAR, KK31, KKAR, KURB, KURK, VDA, VDA, VDA, ZAAO, ZAAO, ZAAO, ZALV, ZALV, YAK, YAK, YAK, BRVK, BRVK, ABKAR, KMBQ, SEY, AKTO, AMKA, TIXI, GSTR, LBTB, SNA, MAN, IDC, ISC) and their details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like JCNP, SGCP, etc.

TIF 18:45:58.0, 42.45N-43.78E, h13km, 1km
NORS 18:45:58.0, 0.42, 49N-43.74E, h15km, MPV3.4
ISC 18:45:58.4, 1.2, 42.47N-0.03, 43.74E, h13km, 11km, n16, c100/32, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like ONI, ZEI, etc.

IDC 18:46:23.5, 1.5, 38.43N-27.51E, h0km, mb3.4/3, mbtmp3.3/5, ML3.1/2, MS2.6/2, Error ellipse: s-maj=37.5km s-min=18.9km az=170.0

ATH 18:46:24.4, 38.51N-27.48E, h40km, 14km, ML3.9/4, Error ellipse: s-maj=15.4km s-min=2.1km az=83.0
ISK 18:46:24.4, 38.55N-27.36E, h12km, ML3.8/24
DDA 18:46:24.6, 0.0, 38.55N-27.37E, h10km, 1km, MW3.9
THE 18:46:25.3, 38.54N-27.39E, h9km, 2km, ML3.7/3, Error ellipse: s-maj=2.2km s-min=0.8km az=205.0

ISC 18:46:24.7, 1.0, 38.55N-0.02, 27.38E, 0.02, h10km, 7km, n17, c091/148, mb3.3/3, 10C-10D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like BLCB, GOMA, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like DDIM, DEMI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like THIG, RTAL, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes callsigns like ACON, PLIG, HZTE, CAIG, VRLE, SAJU, ORTA, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes callsigns like ABTX, CSIG, LPIG, GUYZ, BBAC, ANIL, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes callsigns like NOKA, OK032, V53A, CGM3, KMCS, etc.

18d 19h

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like P52A Corning, R58B Mineral, MVCO Mesa Verde, etc.

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Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like J56A Wolcott, HWUT Hardware Ranch, PDAR Pinedale Array, etc.

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Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like LPAZ La Paz, J01E Myrtle Point, NEW Newport, etc.

Table of astronomical observations for the first section, including columns for ID, Station, Azimuth, Altitude, Phase, ID, Time, Res, and ISC.

Table of astronomical observations for the second section, including columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and ISC.

Table of astronomical observations for the third section, including columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and ISC.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Te Karaka, Rawiri, Murupara, Rimuhau, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like INKA, ARPS, QIS, WAKE, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MORW, WBSI, BNSI, etc.

18d 21h

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Table with columns for station call letters, station name, frequency, power, type, and coordinates. Includes stations like SPIA Saint Paul Isl, KSAR Wonju Array Be, and others.

Table with columns for station call letters, station name, frequency, power, type, and coordinates. Includes stations like KDAK Kodiak Island, KDAK Kodiak Island, and others.

Table with columns for station call letters, station name, frequency, power, type, and coordinates. Includes stations like H02S1 DAWSON INLET T, G05D Wamic, OR, and others.

18d 21h

2016 JUL

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Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like CCIG Comitan, C24K Coleen River, E27K Franklin Bluff, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like BOSA, ARAO ARAO, ARCES ARCES Array B, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like WME Myndd Eilian, WLF1 Lynfaes, YRC Rhoscolyn, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KHC, Eilat, BMRD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DBIC, TOAO, TORD, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like COEN, MANU, KLI, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like SDPT Sand Point, RAYN Ar Rayn, BOSA Bosh...

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like INK Inuvik, AKKB Malin Array Si, LSZ Lusaka, BOSA Bosh...

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KKAR Karatay Creek, WRAB Tennant Creek, WRA Warramunga Arr...

18D 23h

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters for stations like KSRS, MKAR, and KURBB.

TAP 18 21:38:09.0, 24.15N, 121.68E, h11km, ML1.5, D, Taiwan

Main table listing station names (e.g., ETL, NACB, TWD, ETLH, ENA) and their respective parameters like frequency, SNR, and coordinates.

JMA 18 21:38:08.3, 0.1, 25.0N, 45.123E, 0.2, h0km, MV1.9/7, NW OFF ISHIGAKI JIMA IS, Northeast of Taiwan

Table listing station names (e.g., IRIF, JISG, YOJ) and their parameters for the JMA station group.

NNC 18 22:28:56.9, 1.0, 40.05N, 88.41E, h0km, mb3.5, mpv2.9, 7C-3D, Error ellipse: s-maj=18.7km s-min=6.9km az=33.0, Northern Xinjiang

Table listing station names (e.g., MK31, KURBB, KURK) and their parameters for the NNC station group.

IDC 18 22:29:45.4, 1.9, 3.76S, 129.52E, h0km, mb3.7/4, mbtmp3.7/5, ML3.5/1, Error ellipse: s-maj=156.1km s-min=25.2km az=70.0, Seram

Table listing station names (e.g., WRA, ASAR, MKAR, ZALV, KURBB) and their parameters for the IDC station group.

IDC 18 22:41:16.6, 3.8, 36.35N, 71.17E, h191km, 35km, mb3.3/13, mbtmp3.9/18, Error ellipse: s-maj=25.5km s-min=15.2km az=13.0

Table listing station names (e.g., NNC, MOS, BJU, NEIC) and their parameters for the IDC 18 22:41 group.

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ISC 18 22:41:22.1, 0.5, 36.59N, 0.05, 71.21E, 0.05, h250km, n106, c253/125, mb3.8/17, 8C-11D, Afghanistan-Tajikistan border region

Main ISC table listing station names (e.g., GAR, CHGR, KBL, CEP, CHCP, NIL, NLR, THW, KSH, KURBB) and their parameters including phase ID, time, and resonance.

PZH comp=Z,2.0nm,0.9s pmax pmax

Table listing station names (e.g., SONM, SONM, AKASO, AKASO, NRIK, NRIK, FIA1, FIA1, FINES, FINES) and their parameters for the PZH and FINES groups.

IDC 18 22:54:21.9, 1.8, 25.41S, 179.37W, h459km, 25km, mb3.1/2, mbtmp4.5/6, Error ellipse: s-maj=42.4km s-min=21.8km az=81.0

NEIC 18 22:54:23.1, 1.2, 25.4S, 0.2, 179.4W, 0.1, h465km, 17km, mb4.1/1, Error ellipse: s-maj=26.0km s-min=11.6km az=216.0

ISC 18 22:54:22.7, 1.2, 25.45S, 0.008, 179.6W, 0.2, h432km, n43, mbtmp4.5/6, mb3.9/9, South of Fiji Islands

Table listing station names (e.g., RAO, RAO, GLKZ, GLKZ, MSVF, MSVF, OUZ, OUZ) and their parameters for the IDC, NEIC, and ISC 18 22:54 groups.

Solution. Moment tensor: Scale 10^15Nm; Mrr-0.41; Mxx 3.51; Mxy-3.10; Mxz 0.16; Myy 0.61; Mzz-0.83; Fault plane solution: M3.480000*10^15 NP1a, p308.680000*, 679.830000*, lambda-12.080000*, NP2a, o40.850000*, 878.110000*, lambda-169.600000*, Principal axes: T 3.5640, Plg1.0000*, Azm355.0000*, N -0.1716, Plg74.0000*, Azm89.0000*, P -3.3924, Plg16.0000*, Azm265.0000*, NEIC 18 23:05:39.42 4.34 555:0.02 70.56W 0.07, h10km, l1km, mb4.6/23, Mw4.3/38, ML2.4(GUC) Error ellipse: s-maj=9.8km s-min=4.0km az=91.0

VAO 18 23:05:39.01 4.9 34 583:0.03 70.33W, h6km, l2km, mb4.3 ISC 18 23:05:37.71 3.34 363:0.03 70.44W, 0.03, h6km, 8km, n147, l161/158, mb4.5/19, MS3.5/17, 11C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Lists various seismic stations including BO01, BO04, LMEL, MT09, and others.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Lists stations for CRSM, ALGR, PB16, and others.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Lists stations for PCMB, PTLB, SALV, and others.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Lists stations for TXAR, TX31, SWET, and others.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Lists stations for JIE, JKN2, JKN3, and others.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Lists stations for MAJO, MAT, MATS, and others.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Lists stations for RAO, RAOL, URZ, and others.

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: 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.

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.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like THR8 Santorini-Mono, CMBO Colombo, TH12 Imrovigli, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HMDD Lotru, AMZ Lotru, AMAT Amatzia, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JMA 19 02:06:39.0, IRIF Iriomote-Funau, etc.

19D 3h

Table with columns for station code, name, and coordinates. Includes stations like Seymchan, Warramunga Arr, and Alice Springs.

WEL 19 02:29:37.1-0.7, 32°S=12°17'9E:3.0,h317km,20km, M4.313,mB4.7/9,ML5.0/18,MLV4.8/13,Mw(mB)3.9/9, Error ellipse: s-maj=0.0km s-min=0.0km az=110.7, Kermaedec Islands region

Main station table for the first section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Green Lake, Matakaoa Point, and Waioomatatini S.

IDC 19 02:54:06.1+2.2, 55°S:130.38E, h0km, mb3/2, mbmp3.9/4, ML3.9/2, Error ellipse: s-maj=153.4km s-min=28.9km az=71.0, NEIC 19 02:54:22.6+1.9, 62°S:0.1+129°8E:0.1, h149km, 17km, mb4.1/3, Error ellipse: s-maj=19.5km s-min=16.0km

ISC 19 02:54:22.0+0.8, 62°22'S:129°8E:0.1, h146km, n31, s1853/32, mb3.7/3, Banda Sea

Main station table for the second section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Fak Fak, Kuranura, and Warramunga Arr.

TEH 19 03:04:54.6, 27°85'N:53°22'E, h16km, ML3.4, IDC 19 03:04:59.6+3.6, 27°74'N:53°25'E, h67km, 41km, mb3.3/12, mbmp3.6/13, ML2.9/4, Error ellipse: s-maj=26.9km s-min=20.4km az=121.0, ISC 19 03:04:55.7-0.6, 27°81'N:53°26'E:0.05, h23km, n45, s1833/46, mb3.6/11, C, Southern Irid

Main station table for the third section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lamerd, Jahrom, and LAR.

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Main station table for the middle section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Geno, Kolanjah, Mehriz, and Rameshwor.

IDC 19 03:19:19.2-3.9, 37°06'N:71°91'E, h182km, 26km, mb3.3/6, mbmp4.1/12, Error ellipse: s-maj=46.4km s-min=22.0km az=151.0, NEIC 19 03:19:21.9+1.2, 37°28'N:0°07:71.94E:0.10, h203km, 5km, mb4.4/5, Error ellipse: s-maj=11.4km s-min=10.0km az=93.0, SOME 19 03:19:25.7, 37°85'N:72°18'E, h0km, NNC 19 03:19:27.2-2.2, 37°70'N:71°95'E, h210km, 24km, mb3.4, mp4.4, Error ellipse: s-maj=24.1km s-min=10.9km az=28.0, ISC 19 03:19:20.7-0.5, 37°27'N:0°05:71.93E:0.05, h200km, n97, s2802/119, mb3.5/7, AOZ-3D, Afghanistan-Tajikistan border region

Main station table for the middle section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Garm, Karamyk, Chuyargaron, and Kurchatov Arra.

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Main station table for the right section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ulhal, Boomskojye usch, Chumsh, and Degeres.

GGC 19 03:28:49.0, 0.7, 12.82N-91.19W, h1km, 7km, MD4.0
IDC 19 03:28:52.3, 1.1, 13.71N-90.13W, h0km, mb4.0/10,
mbtmp4.0/11, ML4.5/1, MS3.8, Error ellipse:
s-maj=42.1km s-min=19.8km az=47.0

NEIC 19 03:28:58.8, 2.2, 13.31N-90.08:90.79W, 0.06, h49km, 10km,
mb4.2/69, MD4.0(SNET), Error ellipse: s-maj=12.5km
s-min=6.6km az=211.0

ISC 19 03:28:58.1, 1.5, 13.20N-0.08:90.85W, 0.07, h57km, 12km,
n130, s1930/134, mb4.2/38, MS3.5/8, Nearcoust=1

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists seismic stations and their parameters.

Table with columns: U15A, IAmB, IAmB, 03 35 14.6, etc. Lists seismic events with station codes and magnitudes.

NEIC 19 03:29:23.4, 1.7, 24.02N-0.08:124.08E, 0.06, h20km, 3km,
mb4.6/14, Error ellipse: s-maj=11.7km s-min=7.7km
az=171.0

JMA 19 03:29:27.0, 0.3, 25.1N-0.7:123.6E, 0.4, h4km, 4km,
MD4.9/12, MV4.3/12, NW OFF ISHIGAKIJIMA IS

NIED 19 03:29:27.7, 25.09N, 123.61E, h4km, MW4.8, Moment
Tensor Solution. s3. Moment tensor: Scale 10^16Nm;
M1: -1.50; M2: 1.46; M3: 0.03; M4: -0.04; M5: 0.32; M6: -0.37;
Fault plane solution: M1: 560000x10^16 NP1:
phi=270.00000, delta=0.00000, lambda=72.00000. NP2: phi=66.00000,
delta=90.00000, lambda=107.00000.

GCMT 19 03:29:32.4, 0.4, 23.61N-0.03:123.90E, 0.04, h20km, 1km,
MV5.0/61, Moment Tensor Solution. s20, c21, s61, c85;
Duration: 0. Moment tensor: Scale 10^16Nm; M1: 85x22;
M2: 16x15; M3: 0.32x14; M4: 3.00x35; M5: -0.29x10;
M6: -1.82x35; Best double couple: M4: 0.54x0.00x1.016
NP1: phi=241.00000, delta=2.00000, lambda=38.00000. NP2:
phi=114.00000, delta=877.00000, lambda=1.07x0.00000. Principal axes:
T 4.2340, P1655.0000, Azm46.0000; N -0.3630,
Plg17.0000; Azm290.0000; P -3.8750, Plg30.0000;
Azm190.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

IDC 19 03:29:35.3, 3.2, 24.98N, 123.48E, h58km, 32km, mb3.7/15,
mbtmp3.9/19, ML3.2/3, MS4.0/48 Error ellipse:
s-maj=23.7km s-min=13.6km az=68.0

ISC 19 03:29:31.4, 1.2, 24.31N-0.105:123.59E, 0.03, h28km, 10km,
n109, s1928/64, mb4.2/21, MS4.1/41, Southwestern
Ryukyu Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists seismic stations and their parameters.

Table with columns: JKRS, HATJ, HATJ, HATERUMA JIMA, etc. Lists seismic events with station codes and magnitudes.

2016 JUL

19d 3h

Table of seismic station data for stations 19d 3h, including codes, station names, latitudes, longitudes, elevations, and other technical parameters.

Table of seismic station data for stations in the TAP 1903:30:00.3, 23°05'N, 120°51'E, h12km, ML1.7, B, Taiwan region.

Table of seismic station data for stations in the 19d 3h:19.3-0.8, 111°55'N, 142°92'E, h0km, mb3.9/11, mbtmp3.9/12, ML4.1/1, Error ellipse: s-maj=26.9km region.

19d 3h:53.19.3-0.8, 111°55'N, 142°92'E, h0km, mb3.9/11, mbtmp3.9/12, ML4.1/1, Error ellipse: s-maj=26.9km

Main table of seismic event data including station codes, station names, arrival times, amplitudes, and various parameters for multiple events.

Main table of seismic event data continuing from the previous table, including station codes, station names, arrival times, amplitudes, and various parameters for multiple events.

Table of station data for the left column, including columns for station name, code, and various parameters like time and residuals.

Table of station data for the middle column, including columns for station name, code, and various parameters like time and residuals.

Table of station data for the right column, including columns for station name, code, and various parameters like time and residuals.

19d 4h

2016 JUL

Table with columns: Call sign, Name, Frequency, Power, Mode, and Time. Includes stations like ERM, JEM, JSHD, JTM, JTV, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and Time. Includes stations like USA0B, USRUK, USRKR, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and Time. Includes stations like GUMO, ENH, ENH, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CO02 Combarbal, CO05 La Serena, CO03 El Pedregal, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like PET01 Itanhaem-SP, SAML Samuel, PDRB Porto dos Gac, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KU01 Kurty, BTLS Baital, LUW1 Luwuk, etc.

DJA 19 04:46:25.8,0.4,0.5;4.12:3E.1, h85km, mb3.9/12, mb4.3/2, MLV3.7/12, Minahasen Peninsula, Suwalesi

IDC 19 05:09:12.0,1.2,24:63N:122:66E, h0km, mb3.7/5, mbmp3.7/6, ML3.5/1, MS3.0/3, Error ellipse: s-maj=48.5km

NIED 19 05:09:11.7,25:08N:123:64E, h13km, MW4.0, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm

ISC 19 05:09:11.6,1.8,25:07N:123:64E,0.05, h14km, 12km, n16, c064/19, mb3.6/4, MS2.9/3, Northeast of Taiwan

SOME 19 05:13:29.1,39:30N:73:57E, h10km, KRNET 19 05:13:30.4,0.1,39:42N:73:64E, mb3.2

ISC 19 05:13:38.2,2.0,39:76N:0.06:73:33E:0.04, h10km, n32, c1950/52, 13C-12D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like OHH Osh, IRIF Irromote-Funau, JISG Ishigakijimahi, etc.

19d 5h

Table with columns for ID, Name, Address, and other details. Includes entries like Q54A Cows Mills, WMOK Wichita, S44A Carbondale, etc.

2016 JUL

Table with columns for ID, Name, Address, and other details. Includes entries like 319A Douglas, ELIS Ellis Court, ACSO Alum Creek Sta, etc.

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Table with columns for ID, Name, Address, and other details. Includes entries like ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BUCK, HAWA, H04D, D08A, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like J29M, HMT, M27K, RAGM, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like OSTC, BWN, DIVS, NEA2, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and other parameters. Includes stations like KIROV, SEYMCHAN, ARU, PET, MA2, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and other parameters. Includes stations like KSH, THN, NGP, ZEA, BHK, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and other parameters. Includes stations like QZH, NJ2, HNS, KMI, etc.

19d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RATZ Rangitukua, WHVZ Whangahau Hut, KRUV Karewarehu, etc.

IDC 19 05:31:20.9:2.9,30:04Sx72:58W,h0km,mb4.0/1, mbtmp3.6/4,ML3.3/3,Error ellipse: s-maj=117.6km

GUC 19 05:31:25.4:0.7,30:24S:72:16W,h20km,ML3.7

ISC 19 05:31:24.0:1.2,30:16S:005:72:17W,0.08,h10km,n17, s=1941/22,Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fray Jorge, La Serena, Tololo Observa, etc.

INET 19 05:56:13.2:0.5, 12:02N:87:03W,h52km,6km,MW3.5

SSS 19 05:56:15.8:0.8, 12:24N:87:22W,h18km,3km,ML2.8

SNET 19 05:56:15.8:0.8, 12:24N:87:22W,h18km,3km,ML2.8

ISC 19 05:56:12.4:1.9,11:99N:0:10:87:03W,0.04,h35km,8km, n34,-0:89/52,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COPALTEPE, Cerro Negro, TEL3, etc.

2016 JUL

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes SCLA comp=Z,12nm,0.4s, COEG Centro de Oper, etc.

IDC 19 05:57:04.0:3.4,54:30N:87:47E,h0km,mbtmp2.8/2, ML2.3/1,Error ellipse: s-maj=30.0km s-min=21.2km

az=44.0,Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

JMA 19 06:20:04.8:0.3,25°N1°x123°E:0.5,h27km,MW2.3/9, NW OFF ISHIGAKIJIMA IS,Northeast of Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes IRIF Iriomote-Funau, JISG Ishigakijima, etc.

TAP 19 06:20:25.9,24:39N:121:45E,h11km,ML1.4,B,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes NNSB Datong, NNSH Datong, NNS Nan Shan, etc.

KRSG 19 06:28:09.2:1.8,51:16N:158:30E,h74km,25km,ML4.1, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes KDTR Khodutka, KAMC, PAU Pauzhetka, etc.

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NNC 19 06:31:59.4:1.4,53:77N:88:33E,h0km,mb3.2,mpv2.9, Error ellipse: s-maj=12.0km s-min=7.3km az=53.0,

Observed Mining explosion.

IDC 19 06:32:00.9:3.0,53:78N:88:17E,h0km,mbtmp3.2/2, ML3.0/3,SC-3D,Error ellipse: s-maj=26.7km

s-min=17.4km az=58.0,Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

GUC 19 06:38:15.2:0.9,32:36Sx71:58W,h45km,3km,ML3.7

IDC 19 06:38:18.3:3.7,32:54S:71:57W,h67km,33km,mb3.4/4, mbtmp3.6/7,ML3.5/3,Error ellipse: s-maj=35.3km

s-min=27.5km az=98.0

ISC 19 06:38:16.0:1.1,32:37S:003:71:64W,0.06,h43km,11km, n41,-0:78/48,mb3.7/4,3C-4D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes VA01 Torpederas, ROCH El Roble, etc.

BO04 La Punta, 1.83 152 i P Pn 06 38 45.7 +0.6

LMEL Las Mesetas, 1.91 141 i P Sn 06 39 10.2 +1.1

GO04 Tololo Observa, 2.31 19 i P Pn 06 38 51.7 -0.1

CO05 La Serena, 2.47 8 i P Pn 06 38 53.0 -0.7

GO05 Huala, 2.65 185 i P Pn 06 38 55.6 -0.6

CO01 Juntas del Tor, 2.73 30 i P Pn 06 38 58.4 +0.8

H03N1 Juan Fernandez, 6.21 258 T T 06 46 20.0

H03N3 Juan Fernandez, 6.22 258 T T 06 46 19.5

H03N2 Juan Fernandez, 6.22 258 T T 06 46 21.3

H03S1 Juan Fernandez, 6.27 254 T T 06 46 14.7

H03S3 Juan Fernandez, 6.27 255 T T 06 46 16.3

H03S2 Juan Fernandez, 6.28 255 T T 06 46 12.3

PLCA Paso Flores, 8.39 174 P Pn 06 40 14.8 -0.4

SIV San Ignacio, 18.92 33 P Pn 06 42 35.4 +1.1

TXAR Lajitas Array, 68.48 330 P Pn 06 49 13.8 0.0

DBIC Dimbokro, 74.35 71 P Pn 06 49 49.0 -0.5

NVAR Nina Array Bea, 82.74 325 P Pn 06 50 36.2 +0.8

ZALV Zalesovo Beam 152.67 31 PKPbc PKIKP 06 58 07.3 -0.2
MKAR Makanchi Array 155.43 47 PKPab PKPab 06 58 29.0 -1.2

ANF 19 07:18:12.6:0.6,66:72N:135:74W,h11km,4km,ML3.7/25,
Error ellipse: s-maj=2.7km s-min=1.8km az=101.0
IDC 19 07:18:12.1:1.2,66:67N:135:65W,h0km,mb3.2/1,
mbmp3.1/4,ML3.2/3,Error ellipse: s-maj=14.2km

AEIC 19 07:18:12.1:7.66:76N:0:05:136:0W:0:1,h12km,7km,
Error ellipse: s-maj=9.1km s-min=6.4km az=120.0
PGC 19 07:18:13.5:0.0,66:75N:135:85W,h15km,ML3.7/8,98km
Wsw of Fort McPherson, Nt Northern Yukon Territory,
Canada

NEIC 19 07:18:10.4:1.1,66:71N:0:05:135:9W:0:1,h19km,7km,
Error ellipse: s-maj=8.8km s-min=4.7km az=133.0
ISC 19 07:18:10.4:1.2,66:69N:0:03:135:61W:0:03,h4km,10km,
n149,az197/165,Northern Yukon Territory

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Eagle Plains, Ogilvie Camp, Inuvik, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Beaver Creek, Squaw Lake, Ridge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Charters Tower, Coen, Stephens Creek, etc.

NIED 19 07:27:56.1,36:64N:140:94E,h49km,MW4.0,Moment
Tensor Solution. s3 Moment tensor: Scale 10^15Nm;
Mn:0.99; Mb:-0.21; Mw:-0.77; Me:0.10; Ms:-0.35; Ml:0.73;
Fault plane solution: M1,20000x10^15 NP1:
phi=219.00000; delta=330.00000; lambda=118.00000. NP2:phi=8.00000;
delta=364.00000; lambda=175.00000;
JMA 19 07:27:56.1:0.1,36:64N:0:3:140:9E:0:6,h49km,1km,
MD4.0/40,MV4.3/40,E OFF IBARAKI PREF
JMA Felt III at E OFF IBARAKI PREF.
IDC 19 07:27:57.5:0.7,36:60N:140:81E,h57km,6km,mb3.8/22,
mbmp4.1/27,MS2.6/1,Error ellipse: s-maj=13.1km
s-min=8.7km az=104.0
NEIC 19 07:27:57.5:2.2,36:60N:0:05:140:91E:0:09,h48km,7km,
mb4.4/32,Error ellipse: s-maj=11.2km s-min=6.6km
az=115.0
ISC 19 07:27:57.1:0.6,36:64N:0:04:140:96E:0:06,h51km,4km,
n129,az192/110,mb4.2/38,16N,Near east coast of
Houonshu

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Chichijima, USSuriysk Arra, Seymchan, Ulanbaatar, Sonmigo Array, WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TXAR, H03N2, H03N3, H03N1, SIV, IDC 1907:31:29.1+3.2, 54:42N:86:98E, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like COPN, MOMN, BRAN, APYN, HUEN, MATN, RTAL, STG3, BOAC, BOACBROADBA, etc.

Table listing station names and their associated data, including call signs like BO01, BO03, GO02, etc., and various numerical values and codes.

Table listing station names and their associated data, including call signs like WVDA, S57A, S57A, etc., and various numerical values and codes.

Table listing station names and their associated data, including call signs like I07A, PINE, PINE, etc., and various numerical values and codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for HZTE, ESQI, ESPN, etc.

IDC 19 08:52:17.4+5.2, 6:42N, 72:59W, h0km, mb3, 1/2, mbtmp3, 1/2, Error ellipse: s-maj=281.2km s-min=46.7km az=65.0

RSNC 19 08:52:40.8+1.0, 6:79N, 73:13W, h147km, 4km, ML3.2, Mw3.5, Fault plane solution: NP1;phi:108.00000; 070.00000; lambda:122.00000

ISC 19 08:52:38.9+0.9, 6:81N, 073:03W, h0km, 1h56km, 6km, n35, 1152/64, 1C-7D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BARC, PAMC, BARRC, etc.

Table with columns: FLOC, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for FLOE, TXAR, PDAR, etc.

ASAR Alice Springs 149.13 234 PKPbc PKPbc 09 12 09.0 -0.8
WRA Warramunga Arr 150.37 241 PKPbc PKPbc 09 12 11.7 -1.1

NNC 19 08:54:34.9+2.2, 54:45N, 87:06E, h0km, mb3.3, mpv3.0, Suspected Mining explosion.

IDC 19 08:54:35.2+3.3, 54:31N, 87:22E, h0km, mbtmp3, 3/2, ML3.0/2, 3C-2D, Error ellipse: s-maj=31.7km s-min=19.8km az=46.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for I46RU, ZAAO, ZAAO, etc.

IDC 19 09:10:42.1+2.6, 53:63N, 86:86E, h0km, mbtmp2, 8/2, ML2.6/2, Error ellipse: s-maj=23.0km s-min=13.9km az=74.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for I46RU, ZALV, ZALV, etc.

NNC 19 09:14:34.6+1.4, 53:81N, 90:57E, h0km, mb4.1, mpv3.8, Suspected Mining explosion.

IDC 19 09:14:34.8+3.2, 53:68N, 90:83E, h0km, mbtmp3, 5/3, ML3.1/3, Error ellipse: s-maj=27.0km s-min=22.7km az=48.0

ISC 19 09:14:35.8+4.0, 53:77N, 071:90E, 0.2, h0km, m10, c1909/13, 8C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for I46RU, ZAAO, ZAAO, etc.

PRE 19 09:20:41.5+1.6, 28:04S, 26:81E, h2km, ML3.2, Fault plane solution: NP1;phi:160.46000; 654.37000; lambda:53.0000

IDC 19 09:20:42.4+1.1, 27:97S, 26:76E, h0km, mb4.1/4, mbtmp4, 1/9, ML3.8/3, Error ellipse: s-maj=20.9km s-min=12.2km az=107.0

NEIC 19 09:20:43.3+0.8, 28:07S, 0:06+26:8E, 0.1, h5km, 1km, mb4.3/3, ML3.2(PRE), Error ellipse: s-maj=20.6km s-min=8.8km az=104.0

EAF 19 09:20:44.1+1.5, 28:23S, 27:10E, h38km, 31km, MD3.9

ISC 19 09:20:42.6+1.1, 28:01S, 0:03+26:82E, 0.03, h15km, 7km, n65, 2806/14, mb4.25, 9C-12D, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SNKL, BOSL, BOSL, etc.

Table with columns: WDLM, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WDLM, KSR, HRAO, etc.

Table with columns: MKAR, P, PcP, 10 18 30.4 -0.7, 10 17 44.6 +1.2, 10 20 41.8 -0.3, 10 27 07.1 -0.3, 10 27 58.1 -0.7

SOME 19 10:16:45.9,39'43N,73'48E,h5km
KRNET 19 10:16:45.8-0.1,39.36N,73.52E,mb3.8
IDC 19 10:16:46.8-1.3,39.30N,73.38E,h0km,mb3.7/5,
mbtmp3.77,ML3.1/3,Error ellipse: s-maj=27.6km
s-min=17.7km az=117.0

NNC 19 10:16:53.9,0.9,39.79N,73.25E,h0km,mb4.1,mpv3.7,
Error ellipse: s-maj=7.7km s-min=4.7km az=169.0
ISC 19 10:16:48.4-0.8,39.51N,0.05,73.48E,0.03,h10km,n59,
c2540/86,mb3.5/5,25C-13D,Tajikistan-Xinjiang border
region

Main table for 19d 10h with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

Main table for 2016 JUL with columns: MDOK, Lg, Lg, 10 19 13.6, 10 19 13.8, 4.84 29 eP, 10 18 17.3 -3.8, 4.84 29 Pg, 10 18 19.1 -2.0, 4.88 25 eP, 10 18 17.5 -4.3, 4.88 25 Pg, 10 18 19.7 -2.2, 5.08 30 eP, 10 18 21.2 -4.5, 5.08 30 Pg, 10 18 23.3 -2.4, 5.14 45 eP, 10 18 23.7 -3.1, 5.14 45 Pg, 10 18 25.7 -1.1, 5.54 47 eP, 10 18 10.1 -3.5, 5.54 47 Pg, 10 18 32.6 -1.8, 5.55 4 eP, 10 18 28.3 +3.0, 5.55 4 eS, 10 19 42.3 -4.2, 5.55 4 Pg, 10 18 30.3 -4.4, 5.71 33 eP, 10 18 33.4 -4.5, 5.71 33 eS, 10 19 50.0 -1.9, 5.71 33 Pg, 10 18 34.0 -3.9, 5.92 48 P, 10 18 22.7 -9.0, 5.92 48 P, 10 18 37.9 -2.0, 5.92 48 P, 10 19 58.6, 9.72 39 P, 10 19 13.1 +4.8, 11.67 16 Lg, 10 23 01.5, 16.37 24 P, 10 20 42.5 +1.4, 39.17 336 P, 10 24 17.7 +1.7, 41.98 320 P, 10 24 40.7 +1.4, 43.22 321 P, 10 24 50.6 +1.2, 67.74 269 P, 10 27 45.4 -1.0, 81.98 124 P, 10 29 08.2 -0.4

TAP 19 10:29:07.6,22'09N,121'09E,h19km,ML4.0,6C-9D,C,

Main table for TAP 19 10:29:07.6,22'09N,121'09E,h19km,ML4.0,6C-9D,C, with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

Main table for 2016 JUL with columns: TSMG, SSD, TSPT, LONT, SGLT, SGLT, KAU, EDH, EDH, WSSB, TWMT, SCST, SCST, SGST, ELDTW, STYH, FULB, CHN3, CHN1, CHN1, WTP, WTP, SNST, EYUL, TPUB, TPUB, TWK, TWK, YULB, YUS, EHY, HGSD, ALS, ICHU, CHY, CHY, CHN2, CHN2, CHN5, CHN5, WHYT, WSL, WVDT, WDLH, WDLH, SSSL, WTK, WTK, WSF, WSF, ESL, WJS, WDG, SMLT, SMLT, TYC, TYC, WNT, WNT, OWD, OWD, VCHM, WUSB, WRL, CHGB, WCS, PHUB, TWD, PNG, PNG, WHF, TCU, TCU, NACB, ETLL, FUSS, TDCB, TWT, WHP, WHP, TWT, TWT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWQ1, NSY Sany1, NNSB Datong, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECS baz=8.0, TWM1 Shoushan, WSSB Gushan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WWF Wufeng, TWD Chiawan, PHUB Peng-hu, etc.

IDC 19 10:39:28.4±1.0, 21.85N, 120.84E, h0km, mb3.8/8, mbtmp3.8/9, ML3.0/1, MS3.3/13, Error ellipse: s-maj=39.7km s-min=18.2km az=68.0

NEIC 19 10:39:29.8±1.5, 22.10N, 0.07±121.23E, 0.07, h10km, 2km, mb4.2/10, ML4.5(TAP), Error ellipse: s-maj=12.3km s-min=10.2km az=208.0

JMA 19 10:39:31.9±0.6, 22.11N, 121.15E, h42km, MV4.0/12, TAIWAN REGION

NIED 19 10:39:31.9, 22.07N, 121.15E, h42km, MW4.3, Moment Tensor Solution, s2 Moment tensor: Scale 1015Nm; M1=1.23; M2=2.21; M3=0.98; M4=0.81; M5=1.21; M6=1.65; Fault plane solution: M2 91000x1015 NP1: 0±108.00000°, 843.00000°, 156.00000°. NP2: 0±217.00000°, 874.00000°, 150.00000°

TAP 19 10:39:31.2, 22.12N, 121.07E, h11km, ML4.2, C ISC 19 10:39:30.3±0.9, 22.11N, 0.02±121.16E, 0.02, h13km, 6km, n150, s17/210, mb3.9/13, MS3.3/12, 18C-14D, Taiwan region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMST Manzhou Townsh, TSEB Hengchuen, TAWH Dawu Township, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHN1 Nanshi, WTP Ta-pu, YULB Yu-li, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, JYNG Taipei, YOJ Yonaguni jima, etc.

NEIC 19 10:47:22.2±1.3, 15.35S, 0.2±178.4W, 0.2, h438km, 8km, mb4.1/32, Error ellipse: s-maj=28.8km s-min=14.3km

IDC 19 10:47:22.9±1.7, 15.19S, 178.63W, h437km, 20km, mb3.4/8, mbtmp4.2/9, Error ellipse: s-maj=52.6km s-min=12.2km az=150.0

ISC 19 10:47:22.9±0.6, 15.35S, 0.2±178.5W, 0.1, h450km, n48, az=150.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSFV Nonsavu, MARNC Loyalty, ARMA Armidale, etc.

TEH 19 11:08:20.2, 30.17N,50.73E, h8km, ML3.3
DSN 19 11:08:25.4, 1.3, 29.63N,50.89E, h10km, ML3.6/5, Error ellipse: s-maj=22.2km s-min=10.7km az=30.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ABEH Behbahan, KAZI Kazerun, KLNJ Kolanjah, etc.

Table with columns: TABS Tabas, MSFE Esma-Masafi, ASUD Aj Ashush, Dub, etc.

IDC 19 11:25:16.3, 2.6, 30.23N,50.43E, h0km, mb3.7/4, mbmp3.7/4, MS2.5/1, Error ellipse: s-maj=68.9km s-min=29.3km az=156.0

TEH 19 11:25:17.9, 30.19N,50.69E, h9km, ML3.4
ISC 19 11:25:19.4, 1.0, 30.13N,50.65E, h22km, n44, c1949/43, mb3.8/4, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ABEH Behbahan, KAZI Kazerun, KLNJ Kolanjah, etc.

SOME 19 11:26:57.7, 44.53N,82.42E, h15km
NNC 19 11:27:02.0, 0.7, 44.68N,82.07E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=11.6km s-min=2.6km az=113.0

ISC 19 11:26:57.4, 3.3, 44.53N,82.07E, h10km, n5, c086/9, IC 1D Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DJR Jarkent, MK31 Makanchi Array, MAZK Makanchi, etc.

NEIC 19 11:28:27.6, 1.7, 52.60N,0.07, 163.79W, h10km, 1km, mb4.4/85, ML3.9/8, ML4.0/50(AEIC), Error ellipse: s-maj=11.6km s-min=8.1km az=161.0
IDC 19 11:28:28.1, 0.8, 52.81N, 163.71W, h0km, mb4.1/23, mbmp4.1/26, ML3.7/3, MS3.2/18, Error ellipse: s-maj=21.8km s-min=12.0km az=2.0
AEIC 19 11:28:31.2, 0.5, 52.51N,0.08, 163.69W, h7km, 5km, Error ellipse: s-maj=11.4km s-min=7.3km az=166.0
ISC 19 11:28:28.4, 0.5, 52.66N,0.07, 163.67W, h0km, n376, c099/371, mb4.3/67, MS3.2/18, 1D, South of Alaska

Table with columns: ZRO Akutan Zero, SSSL Shishaldin Sou, ISLZ Isanotski Laza, etc.

Table with columns: ID, Name, Date, Time, and other details. Includes entries like BPAW Bear Paw Mtn., SUCK Suckling Hills, BMRM Bremner River, etc.

Table with columns: ID, Name, Date, Time, and other details. Includes entries like INK Inuvik, INK Inuvik, PETK Petropavlovsk, etc.

Table with columns: ID, Name, Date, Time, and other details. Includes entries like H11N1 WAKE ISLAND Hy, MDND Maddock, PV13 Radium Mtn., etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Borovoye Array, ARU Arti, FINES FINES Array B, etc.

19d 11h:05.0.2.2, 19.715x, 177.81W, h428km, 22km, mb3.5/11, mbtmp4.3/13, Error ellipse: s-maj=23.5km s-min=15.7km az=135.0

NEIC 19 11:31:05.72.1, 19.540S, 0.09:177.9W, 0.1, h426km, 7km, mb4.1/38, Error ellipse: s-maj=16.7km s-min=9.7km az=53.0

ISC 19 11:31:02.8.0.5, 19.635S, 0.10:177.76W, 0.08, h400km, n78, c#209/82, mb4.0/31, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GHOA, GHO Glory Hole Cre, SCM Sheep Creek Mo, etc.

HEL 19 11:52:31.2.0.3, 68.13N, 33.16E, h0km, ML2.0, Explosion BER 19 11:52:32.0.0.6, 68.03N, 33.33E, h0km, ML1.6, Suspected explosion

UPP 19 11:52:33.2.7.6, 68.13N, 32.70E, h0km, ML1.8, Suspected explosion KOLA 19 11:52:33.2.68.16N, 32.78E, h0km, ML2.5

ISC 19 11:52:31.5.0.8, 68.14N, 0.03:32.96E, 0.03, h0km, n36, c#111/64, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APA0 Apatity Array, APA Apatity, etc.

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

JMA 19 11:52:56.5.0.4, 22.72N, 12.8E, h59km, MV3.7/15, FAR S OFF OKINAWA, JIMA, Philippine Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JOGS Gusukube, JMA2 Miyako jima3, etc.

IDC 19 11:54:00.7.0.7, 55.59S, 27.77W, h0km, mb4.6/7, mbtmp4.6/9, ML4.7/2, MS3.7/22, Error ellipse: s-maj=24.7km s-min=18.4km az=78.0

NEIC 19 11:54:06.4.1.6, 55.75S, 0.1:28.0W, 0.2, h35km, 2km, mb4.9/37, Error ellipse: s-maj=20.6km s-min=16.0km az=2.0

ISC 19 11:54:04.7.0.5, 55.60S, 0.08:27.93W, 0.10, h26km, n86, c#102/73, mb4.8/22, MS3.7/20, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, ANA1 Neumayer-Stat, etc.

GO09 Cerro Castillo 26.45 261 P P 11 59 38.4 -0.8 TRQA Tornquist 28.76 283 I Amb I Amb 12 00 29.6

PLCA Paso Flores 31.51 280 LR LR 11 21 24.1 QSPA South Pole Qui 34.65 180 P P 12 00 51.9 +0.2

QSPA South Pole Qui 34.65 180 P I Amb I Amb 12 00 51.9 +0.2 QSPA South Pole Qui 34.65 180 P P I Amb I Amb 12 00 51.6 0.0

QSPA South Pole Qui 34.65 180 P P I Amb I Amb 12 01 02.5 +0.6 QSPA South Pole Qui 34.65 180 P P I Amb I Amb 12 01 07.8 +6.8

CPUP Villa Florida 36.20 312 P P I Amb I Amb 12 01 05.2 +0.1 CPUP Villa Florida 36.20 312 P P I Amb I Amb 12 01 05.2 +0.1

GO05 Huala 36.35 286 I Amb I Amb 12 01 08.0 +1.6 GO05 Talagante 36.77 288 P P I Amb I Amb 12 01 09.4 -0.7

MT09 Popet 36.85 288 P P I Amb I Amb 12 01 08.5 -2.1 MT02 Curacav 37.25 289 P P I Amb I Amb 12 01 12.5 -1.5

VA03 San Esteban 37.31 290 P P I Amb I Amb 12 01 15.1 +0.4 VA03 El Pedregal 38.89 292 P P I Amb I Amb 12 01 28.5 +0.6

CO01 Juntas del Tor 39.26 293 P P I Amb I Amb 12 01 31.5 +0.3 CO04 Tololo Observa 39.47 292 P P I Amb I Amb 12 01 31.5 -1.5

MAW Mawson 40.76 144 P P I Amb I Amb 12 01 43.2 +0.3 SUR Sutherland 40.93 76 LR LR 12 15 18.7

AC04 Llanos de Chal 41.19 294 P P I Amb I Amb 12 01 48.1 +1.2 AC04 Maricunga 41.30 297 P P I Amb I Amb 12 01 48.5 +0.1

AC02 Par de Lacer 42.61 296 P P I Amb I Amb 12 02 00.4 +1.9 GO01 Mina Guanaco 42.91 298 I Amb I Amb 12 02 04.2

LVC Limon Verde 44.71 301 LR LR 12 21 13.5 LVC Limon Verde 44.71 301 P P I Amb I Amb 12 02 17.3 +1.4

PB04 IPOC Station P 45.55 299 P P I Amb I Amb 12 02 22.3 -0.1 PB04 IPOC Station P 45.55 299 P P I Amb I Amb 12 02 22.3 -0.1

BO01 Boshof 46.27 77 LR LR 12 18 22.8 BO01 IPOC Station P 46.32 301 P P I Amb I Amb 12 02 29.1 +0.7

SBA Scott Base 46.50 184 P P I Amb I Amb 12 02 30.7 +0.8 SBA Scott Base 46.50 184 P P I Amb I Amb 12 02 29.4 +0.4

SBA Pontes e Lacer 46.68 317 P P I Amb I Amb 12 02 37.9 -1.6 PTLB Punta Arenas 46.68 317 P P I Amb I Amb 12 02 31.9 -0.5

SIV San Ignacio 46.96 314 LR LR 12 20 55.3 VANDA Vanda 47.00 183 P P I Amb I Amb 12 02 33.2 +0.2

VANDA Vanda 47.00 183 P P I Amb I Amb 12 02 32.9 -0.1 VANDA Vanda 47.00 183 P P I Amb I Amb 12 02 33.1 +0.2

Table with multiple columns containing station identifiers, coordinates, and various data points. The table is organized into three main vertical sections.

19d 12h

Table with columns for station name, frequency, power, and signal strength. Includes stations like PBA, BNN, NJ2, etc.

2016 JUL

Table with columns for station name, frequency, power, and signal strength. Includes stations like IIGN, ISAL, ISP, etc.

996

Table with columns for station name, frequency, power, and signal strength. Includes stations like KRCL, Kraliky, MODS, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like KONO, MAJO, MJAR, OBKA, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like JMJC, BNI, BILL, BJLL, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like MESJ, TOLK, PNCL, etc.

Table of astronomical observations for 19d 12h, listing objects like ILAR, C36M, PPLA, etc., with columns for date, time, position, and magnitude.

Table of astronomical observations for 2016 JUL, listing objects like BMRM, TORO, TORI, etc., with columns for date, time, position, and magnitude.

Table of astronomical observations for 2016 JUL, listing objects like ASAR, ASAR, ASAR, etc., with columns for date, time, position, and magnitude.

ADC 19 12:35:25.2, 0.6:63S, 147.65E, h78km, 25km, mb3.6/3, mbmp4.06, MS2.9/3, Error ellipse: s-maj=45.8km, s-min=19.9km az=120.0
ISC 19 12:35:24.1, 0.9, 6.55:0.1, 147.5E:0.1, h63km, n26.1, 156E/27, mb3.8/3, Eastern New Guinea region

19d 13h

Table with columns: PZH, comp, station name, time, and other parameters. Includes stations like Sonseca Array, Chiang Mai Arr, Warrunganga Arr, Alice Springs, Boshof, etc.

ANF 19 12:49:49.6,0.8,37.03N:121.11W,h0km,ML3.3/8,Error ellipse: s-maj=6.0km s-min=3.5km az=35.0

NEIC 19 12:49:49.5,1.9,37.03N:0.009:121.17W:0.01,h5km,1km,Error ellipse: s-maj=2.8km s-min=1.9km az=202.0

NCEDC 19 12:49:49.2,2.2,37.028N:0.008:121.20W:0.01,h0km,6km,ML3.1/41,ML3.0/70(NEIC),Error ellipse: s-maj=1.6km s-min=1.2km az=86.0

ISC 19 12:49:49.9,9.9,37.03N:0.02:121.18W:0.02,h16km,6km,n221,0886/224, Central California

Main station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations like SLD, PACP, SKCWR, etc.

2016 JUL

Main station list table with columns: PSNM, Station Name, Time, Res, ISC. Lists stations like Stone Corral, Mmaxy Ranch, Shandon, etc.

1000

Main station list table with columns: PRN, Station Name, Time, Res, ISC. Lists stations like Lan-yu, Lan-yu, Lan-yu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SSPT Xinni, MASBT Mashbululo, TSMG Majia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 19 13:33:12.0,2,0.3,0,20'N,139°57'E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FOMA Nahampoana Res, VOI Vohtsoka, ABPO Abpoanpanom, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SJA 19 13:36:49.9,0.8,23°29'S,66°6'2W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB14 IPOC Station P, PB14 IPOC Station P, PATCX Punta Patache, etc.

19d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SDBA, PRPB, ALFO1, SJMB, etc.

2016 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like BCOK, OK029, QUOK, L59A, etc.

1002

Table with columns for station name, frequency, power, and other technical details. Includes stations like PLID, J08A, MSO, BMO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOS 19, NEIC 19, IDC 19, GCMT 19, etc.

19d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HALT Halls, T25A Trinidad, BCIP Isla Barro Col, etc.

2016 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like IKP In-Ko-Pah, S44A Carbondale, CBX Cerro Bola, etc.

1004

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KMSC Kings Mountain, TUCS Kings Mountain, P43A Skaggs, Pawnee, etc.

1007

Table with columns for station name, frequency, mode, and other parameters. Includes stations like Cacapava Do Su Summit, Diamantina, Petrópolis, etc.

2016 JUL

Table with columns for station name, frequency, mode, and other parameters. Includes stations like NOARSAR Array B, NORSAR Array S, etc.

19d 14h

Table with columns for station name, frequency, mode, and other parameters. Includes stations like Zeya, Muntele Ros, DZM, etc.

UCR 19:45:52.6z-2.1, 10:83N-85:86W, h146km±11km, MW3.7, 13, Costa Rica

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, and other parameters. Includes stations like Horizontes, Gu, Hotel Rincon d, etc.

WEL 19:14:01:38.3z-0.4, 40°S:2'177E±1, h32km±3km, M3.2/13, ML3.5/14, MLV3.2/13, Error ellipse: s-maj=0.0km s-min=0.0km az=111.2, North Island

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, and other parameters. Includes stations like Porangahau, Waipukurau, etc.

19d 14h

Table with columns: Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HOWZ, HATZ, NTVZ, etc.

KRNET 19 14:05:13.4.0.1,41.35N:79.13E,mb3.1
NNC 19 14:05:14.7.0.7,41.35N:78.96E,h0km,mb3.0,mpv3.6,
Error ellipse: s-maj=5.2km s-min=3.4km az=169.0

SOME 19 14:05:14.9.4.1,52N:78.93E,h0km
ISC 19 14:05:16.6.1.9,41.40N:0.08.79.03E:0.05,h10km,n42,
+0597.71,15C-4D,Kyrgyzstan-Xinjiang border region

Main table of station data for the 19d 14h period, including stations like TARG, SATY, UZB, SHLS, ZHN, etc.

2016 JUL

Main table of station data for the 2016 JUL period, including stations like DJR, DJR, DGS, etc.

1008

Main table of station data for the 1008 period, including stations like UUPR, AOPR, AOPR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YHNS, YHNB, ETLH, Xulin Townshi, etc.

IDC 19 14:31:47.8, 1.2, 24.65N, 122.26E, h0km, mb3.6/5, mbtm3.5/6, ML3.4/1, Error ellipse: s-maj=66.2km s-min=19.4km az=68.0

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

IDC 19 14:38:54.8, 5.6, 39.74N, 111.17E, h0km, mb3.0/3, mbtm3.1/4, ML2.9/1, Error ellipse: s-maj=118.4km s-min=25.4km az=82.0, Northeastern China

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

NEIC 19 14:42:51.4, 0.6, 52.3N, 0.1, 173.58W, 0.07, h19km, 9km, ML3.7/6, ML3.2(AEIC), Error ellipse: s-maj=20.8km s-min=5.9km az=172.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOSE, KOPF, KONE, etc.

IDC 19 14:44:31.2, 16.0, 27.70N, 111.62E, h0km, mb3.2/3, mbtm3.2/4, ML3.4/1, Error ellipse: s-maj=32.2, 1km s-min=49.6km az=116.0, Southeastern China

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

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

IDC 19 14:53:59.8, 2.2, 4.94S, 128.02E, h0km, mb3.4/1, mbtm3.2/3, ML3.3/2, Error ellipse: s-maj=141.1km s-min=31.1km az=66.0, Banda Sea

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

IDC 19 14:55:00.9, 1.2, 35.92N, 140.07E, h0km, mb3.6/6, mbtm3.6/7, ML2.2/1, MS2.7/1, Error ellipse: s-maj=31.0km s-min=17.6km az=48.0

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

IDC 19 14:55:08.2, 0.6, 1.39N, 139.93E, h43km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

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

IDC 19 14:55:07.6, 0.8, 36.01N, 0.04, 140.00E, 0.05, h49km, 7km, n50, r1933/51, mb4.1/13, 6D, Near east coast of eastern Honshu

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

IDC 19 14:58:54.8, 5.6, 39.74N, 111.17E, h0km, mb3.0/3, mbtm3.1/4, ML2.9/1, Error ellipse: s-maj=118.4km s-min=25.4km az=82.0, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MA2, SONM, H1N2, etc.

IDC 19 15:00:38.9, 0.9, 51.42N, 16.27E, h0km, mb2.3/3, m2.9/2, Error ellipse: s-maj=6.1km s-min=3.4km az=69.0, 63km NW of Wrocław Suspected Mining induced.

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

IDC 19 15:07:55.6, 2.1, 24.76N, 122.68E, h0km, mb3.4/4, mbtm3.4/4, MS3.1/6, Error ellipse: s-maj=170.3km s-min=22.9km az=65.0

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

IDC 19 15:00:38.9, 0.9, 51.42N, 16.27E, h0km, mbtm3.2/5, ML2.5/5, Error ellipse: s-maj=19.1km s-min=8.3km az=101.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP, CHVC, OSTC, etc.

IDC 19 15:00:38.9, 1.0, 3.51N, 148N, 16.29E, h0km, 1km, ML2.4/9, Error ellipse: s-maj=2.2km s-min=1.0km az=26.0

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

IDC 19 15:00:38.9, 0.8, 51.54N, 0.04, 162.7E, 0.03, h0km, n28, r095/55, Poland

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

IDC 19 15:00:38.9, 0.9, 51.42N, 16.27E, h0km, mb3.4/4, mbtm3.4/4, MS3.1/6, Error ellipse: s-maj=170.3km s-min=22.9km az=65.0

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

IDC 19 15:07:56.5, 24.91N, 122.87E, h14km, 1km, ML3.3, D JMA 19 15:07:56.5, 24.91N, 122.87E, h14km, 1km, ML3.3, D

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

IDC 19 15:07:56.5, 24.91N, 122.87E, h14km, 1km, ML3.3, D JMA 19 15:07:56.5, 24.91N, 122.87E, h14km, 1km, ML3.3, D

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

IDC 19 15:07:56.5, 24.91N, 122.87E, h14km, 1km, ML3.3, D JMA 19 15:07:56.5, 24.91N, 122.87E, h14km, 1km, ML3.3, D

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

IDC 19 15:07:56.5, 24.91N, 122.87E, h14km, 1km, ML3.3, D JMA 19 15:07:56.5, 24.91N, 122.87E, h14km, 1km, ML3.3, D

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

19d 15h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TIPB, TWC, PCYT, NDS, EWUT, WRA, ASAR, etc.

2016 JUL

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ASAR, HNR, ILAR, WRA, MSVF, STKA, etc.

1010

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LKBA, AFI, NIUE, MSVF, URZ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NNA Nana, CZSB Cruzeiro do Su, PBO7 IOPC Station P, etc.

JMA 19 15:55:00.7±0.2, 25.1N; 101.0°E; 123.6E; 0.4, h21km, MV2.6/9, NVV OFF ISHIGAKI JIMA IS

IDC 19 15:55:02.6±1.6, 24.24N; 121.97E, h0km, mb3.1/3, mb1mp3.2/4, ML3.1/1, MS2.9/1, Error ellipse: s-maj=73.0km

ISC 19 15:55:03.0±1.3, 25.01N; 101.0°E; 123.58E; 0.06, h35km, n13, e137/15, mb3.2/3, Northeast of Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, YOJ Yonaguni jima, JISG Ishigakijimahi, etc.

JMA 19 15:59:18.4±0.1, 24.3N; 123.9E; 0.3, h15km, 1km, MV0.4/6, NEAR ISHIGAKI JIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, JKRS Kuro-shima, HATJ Hateruma jima, etc.

TAP 19 15:59:49.8, 24.20N; 121.75E, h9km, ML2.4, 1C-3D, C, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like EHP Heping Village, ETL Fush Village, NACB Ninganchiao, etc.

ANF 19 16:12:29.6±0.3, 36.31N; 97.51W, h5km, 3km, ML3.3/7, Error ellipse: s-maj=2.9km s-min=2.2km az=17.0

NEIC 19 16:12:29.8±0.5, 36.29N; 0°10.97'50W, 0.01, h6km, 7km, Error ellipse: s-maj=5.5km s-min=3.2km az=4.0

TUL 19 16:12:30.0±0.5, 36.29N; 0°10.97'51W; 0.02, h5km, 1km, ML3.2, mb_Lg3.0/65(NEIC), Error ellipse: s-maj=1.9km s-min=1.7km az=218.0

ISC 19 16:12:29.8±1.2, 36.29N; 0°10.97'51W; 0.02, h6km, 11km, n88, e039/67, Oklahoma

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CROK Carrier, OK029 Liberty Lake, BLOK Blackwell, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CHGB Fushanzhiwuyua, FUSB baz=345, YHNB Yeheng, etc.

NSK Sanguang baz=323, NSK baz=323, EGFH Guangfu baz=218, EGFH baz=218

WUSB baz=218, WUSB baz=244, NTC Toucheng baz=6.0, NTC baz=6.0

EGS baz=6.0, EGS baz=22, WVDT WVDT baz=232, WVDT baz=232

NFF baz=307, WHP Taichung City baz=277, WHP baz=277

HGSD Ruisui baz=194, TPB Shuangxi baz=5.0, TIPB baz=5.0

WCS Beigang Elemen baz=260, WCS baz=260, TWA Mucha baz=349, TWA baz=349

EHY Hungye baz=311, LIOB Emei baz=304, LIOB baz=304

NSTT Nanjiang baz=303, NSTT baz=303, TWB1 Santiao Chiao baz=15, TWB1 baz=15

SSLB Suanglung baz=251, SSSL baz=251, SMLT Sun Moon Lake baz=240, SMLT baz=240

TYC Yuch' baz=242, TYC baz=242, SXI1 Grass Mountain baz=14, SXI1 baz=14

TWQ1 Liyutan baz=280, TWQ1 baz=280, YULB Yu-i baz=219, YULB baz=219

YMO1 YMO1 baz=350, WHYT Xinyi Township baz=246, WHYT baz=246

YUS Yu-Shan baz=227, YUS baz=227, YAL Alishan baz=234, YAL baz=234

YOJ Yonaguni jima baz=64, YOJ baz=64, ELDTW Lidia baz=214, ELDTW baz=214

WTP Ta-pu baz=232, TWK Hsiinying baz=235, TWK baz=235

CHN1 Nanshi baz=233, CHN1 baz=233, ANF 19 16:12:29.6±0.3, 36.31N; 97.51W, h5km, 3km, ML3.3/7

NEIC 19 16:12:29.8±0.5, 36.29N; 0°10.97'50W, 0.01, h6km, 7km, Error ellipse: s-maj=5.5km s-min=3.2km az=4.0

TUL 19 16:12:30.0±0.5, 36.29N; 0°10.97'51W; 0.02, h5km, 1km, ML3.2, mb_Lg3.0/65(NEIC), Error ellipse: s-maj=1.9km s-min=1.7km az=218.0

ISC 19 16:12:29.8±1.2, 36.29N; 0°10.97'51W; 0.02, h6km, 11km, n88, e039/67, Oklahoma

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CROK Carrier, OK029 Liberty Lake, BLOK Blackwell, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like OK038 West end E0370, T35A Sooner Cattle, T35B Sooner Cattle, etc.

T35B baz=232, FNO Franklin, KAN16 Harper SW Stat, KAN12 Harper NE Stat, COKR Hydro, Custer

US2A Winter Ranch, US2A Winter Ranch, US2A baz=94, US2A baz=94

TUL1 Leonard, TUL1 Leonard, TUL1 Leonard

ELIS Ellis County, X34A El Rancho, M WMOK Wichita Mouna, WMOK Wichita Mouna

RLO Rose Lookout, RLO Rose Lookout, LOOK LOOK

R32A Long Quarter, R32A Long Quarter, R32A baz=155

X37A Clayton, X37A Clayton, U38A Gravette

HHAR Hobbs, KSU1 Kansas State U, CBKS Cedar Bluff

S39A Bolivar, S39A baz=5.0, MIAR Mount Ida, MIAR Mount Ida

AMTX Amarillo, AMTX baz=28nm, 0.7s, WHTX Lake Whitney, MGMO Mountain Grove

MGMO Mountain Grove, WHAR Woolly Hollow, WHAR White Oak Lake

W37A Washetta, Mont P38A Washetta, Mont P38A

R40A Maddies Station, KSCO Kaye Shedlock, BGNE Belgrade

BGNE Belgrade, LCAR Lake Charles, CCAR Cane Creek

CCM Cathedral Cave, T25A Trinidad, T25A Trinidad

N38A Joes South For, PBMO Poplar Bluff, OGNB Ogallala

FVM French Village, JCT Junction City, SCIA State Center

Q24A Divide, S44A Carbonate, L40A Anamosa

PHWY Pilot Hill, N23A Red Feather Lo, O44A Mansfield

I37A Lemond, Waseca, L42A Oliver, Polo, JFWS Jewell Farm

M44A Midewin, Midew, I40A Norwalk, RSSD Black Hills

K22A Casper, CNRM 19 16:31:31.1, 35.13N; 3.85W, h0km, ml2.4, MDD 19 16:31:32.9±0.7, 35.31N; 3.83W, h0km, mb_Lg2.3/9, Error ellipse: s-maj=5.5km s-min=3.2km az=4.0

SFS 19 16:31:33.0, 35.31N; 3.82W, ML2.4, ALHUCEMAS (MARRUECOS), INMG 19 16:31:33.1±1.6, 35.32N; 3.83W, h0km, ML2.1, Error ellipse: s-maj=4.8km s-min=3.3km az=10.0

ISC 19 16:31:31.5±1.0, 35.13N; 0°02.3'33W; 0.02, h19km, 2km, n43, e134/73, Strait of Gibraltar

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PALE Palemias, PALE Palemias, GOG Mont Gurugu, 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 EBER Berja, Sierra Gorda, Nijar, Col de Zad, etc.

SOME 19 16:44:03.7, 41.10N, 82.30E, h10km
NNC 19 16:44:14.3, 1.0, 41.13N, 82.09E, h0km, mb3.6, mpv3.4,
Error ellipse: s-maj=8.0km s-min=5.6km az=159.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ketmen, SHLS, UZB, SATY, DJR, KURS, MDOK, ARXS, CHKK, MTBS, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAKZ, SGDS, YNBS, HAGS, UMJS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31, MKAR, DBIC, ARCES, ZALV, CMAR, SONM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar. Bea, TIC Toumudi, DBIC Dibokro, KIC Kusan Boka, LAM Lamto, etc.

JMA 19 17:42:05.4, 0.3, 24°N, 122°E, 0.8, h95km, 2km, MV2.0/12, NW OFF ISHIGAKIJIMA IS

Main table for 1013 containing station data for Taiwan region and other stations like JYNG, YOJ, YOW, etc.

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

JMA 19 17:45:17.8, 0.1, 29.5N, 0.6, 132.4E, 0.7, h87km, MV1.8/7, N PHILIPPINE BASIN, Southeast of Shikoku

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

ASRS 19 17:46:16.6, 0.2, 54°N, 1°E, 88.2E, 0.8, h5km, MLh3.3/14, Error ellipse: s-maj=2.4km s-min=1.5km az=19.1, confirmed

NNC 19 17:46:20.6, 1.5, 54°N, 1°E, 88.01E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=22.2km s-min=7.7km az=7.0, Suspected Mining explosion.

ISC 19 17:46:17.6, 0.8, 54.34N, 0.02, 88.13E, 0.02, h0km, n34, c149/56, 6C-2D, Southwestern Siberia

Main table for 1013 containing station data for Southwestern Siberia and other stations like KOTO, LUZB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ERNS, ERZIN, KURK, etc.

IDC 19 17:46:43.3, 1.9, 43°N, 141°E, h188km, 20km, mb3.3/14, mbmtmp3.8/20, Error ellipse: s-maj=21.0km s-min=13.1km az=155.0, NEIC 19 17:46:44.3, 2.0, 43°N, 141°E, h211km, 7km, mb4.0/22, Error ellipse: s-maj=13.9km s-min=5.6km az=95.0, JMA 19 17:46:44.3, 0.2, 43°N, 141°E, h212km, 1km, MV3.4/38, NW OFF HOKKAIDO, SKHL 19 17:46:47.5, 0.9, 44°N, 141°E, h172km, 8km, mb4.8/5, mbsh4.6/5

Main table for 19d 17h containing station data for Hokkaido region and other stations like JHR, JHR, JHR, etc.

19 Macho

Table with 4 columns: Code, Station Name, Time, Res. Rows include RIMA Rio Macho, CVTR Volcan Turrial, CDM Cerro de Muert, ARON Acopya, DCKO Durika.

IDC 19 18:57:35.9;1.3, 15.166N;60.46W, h0km, mb3.6/4, mbtmp3.7/5, ML4.1/1, MS2.9/2, Error ellipse: s-maj=31.2km s-min=19.9km az=58.0

TRN 19 18:57:36.4, 15.63N;60.54W, h10km, MD4.0, ISC 19 18:57:37.0;1.5, 15.166N;0.02;60.46W;0.05, h8km, gkm, n63, c#97/80, mb3.7/4, 1D, Leeward Islands

Main station list for 19 Macho with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DLPL La Plaine, MAGL Barre de l'île, MDVC Dominica, etc.

IDC 19 19:29:50.1;3.5, 5.06S; 132.82E, h0km, mb3.4/1, mbtmp3.2/3, ML2.9/2, Error ellipse: s-maj=185.2km s-min=30.9km az=76.0, Aru Islands region

Table with 4 columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 19 19:38:04.6;0.6, 6.37;78N;144.22E, h0km, mb4.0/15, mbtmp4.1/23, ML3.5/8, MS3.2/1, Error ellipse: s-maj=17.2km s-min=13.4km az=127.0

NIED 19 19:38:08.9; 37.93N; 143.92E, h54km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Mw4.015Nm; Mn=0.79; Ms=0.10; Mz=0.89; Mo=0.12; Mxx=0.73; Myy=0.23; Fault plane solution: M=1.07000x1015 NPT=28.00000; 838.00000; A=90.00000; NP2=208.00000; 852.00000; 1-90.00000

JMA 19 19:38:08.9;0.2, 37.9N;0.8;144E; h54km, MV4.5/33, MW4.3/33, FAR E OFF MIYAGI PREF

BUI 19 19:38:08.6;0.0, 38.03N;143.81E, h20km, MB4.3/39, mb4.6/25, Ms4.0/8, Ms7.3/6

NEIC 19 19:38:10.0; 1.5, 37.85N;0.06;143.92E;0.09, h36km, 7km, mb4.6/71, Error ellipse: s-maj=11.2km s-min=7.9km az=117.0

ISC 19 19:38:09.4;0.5, 37.86N;0.04;144.01E;0.06, h35km, n158, c#169/170, mb4.5/59, MS3.6/6, Off east coast of Honshu

2016 JUL

Main station list for 2016 JUL with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIKH Ouri, OFUJ Ofunato, etc.

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Main station list for 1016 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV White Mountain, ZALV Sparrevhorn, CM31 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, YKA Yellowknife Ar, BELG Belogornoye, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, YJOY Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NDS Dongshan, TWC Suao, TWE Neicheng, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EWUT Wuta, ENA Nanau, TWC Suao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NNSB baz=268, NNSH Datong, NNSH Datong, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WCS Beigang Elemen, WPL Pul Township, TDCB Tech, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PEIG Puerto Escondi, PANG Puerto Angel, PANG PANG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JTS Las Juntas de, COVE Coope Vega, SA, HCK Hockley, etc.

19d 20h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like FCAR, W45A, U32A, X48A, etc.

2016 JUL

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GLA, MVCO, T50A, KMSC, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SHPR, T57A, GSC, Q52A, etc.

1019 2016 JUL 19d 20h

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like M55A Ridgway, TPWA Teton Pass, F36A Milaca, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like CRAIG Craig, DLBC Dease Lake, DLBC Dease Lake, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like SUVA Susitna One, IL31 IL31, ILAR Elson Army, etc.

19d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCAS Casimio, POLO Lamas de Olo, PVIS Visu, etc.

19d 20h:05:06.3-0.8, 40.37N:145.51E, h0km, mb3.7/11, mbmp3.7/13, ML2.8/2, MS2.6/1, Error ellipse: s-maj=26.2km s-min=17.6km az=99.0

JMA 19:20:05:08.3-0.4, 40.1N:141.66E, h52km, MV3.8/28, FAR E OFF NORTH HONSHU

NIED 19:20:05:08.3, 40.42N:145.66E, h52km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn=4.17; Mw=0.08; Mo=4.25; Mo=0.99; Mo=0.66; Mo=0.27; Fault plane solution: M4-400x10^14 NPI: 6.353 0.0000; 3.43 0.0000; 1-108.00000; NP2: 6.203 0.0000; 3.49 0.0000; 1-74.00000

ISC 19:20:05:10.9-0.8, 40.00N:0.05S:145.52E:0.07, h35km, n34, a197/43, mb3.6/11, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JEM Erimo, JHM Jeth, JAK Akkeshi, etc.

2016 JUL

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

BUI 19:20:35:02.9-0.0, 35.98N:70.36E, h92km, mb4.3/11, mB4.8/7

19:20:35:03.8-3.6, 35.78N:70.56E, h89km, 31km, mb3.4/11, mbmp3.8/14, Error ellipse: s-maj=26.7km s-min=20.7km az=14.0

NEIC 19:20:35:06.3-2.2, 36.03N:0.06:70.34E:0.09, h101km, 11km, mb4.5/9, Error ellipse: s-maj=12.4km s-min=7.3km az=125.0

NNC 19:20:35:08.2-8.3, 36.34N:70.28E, h74km, 69km, mb3.7, mpv4.1, Error ellipse: s-maj=28.6km s-min=14.9km az=148.0

ISC 19:20:35:04.6-0.5, 35.95N:0.05S:70.58E:0.04, h110km, n80, c248/93, mb3.8/17, 6C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBL Kabul, CHGR Chuyangaron, GAR Garm, etc.

19:20:35:06.3-2.2, 36.03N:0.06:70.34E:0.09, h101km, 11km, mb4.5/9, Error ellipse: s-maj=12.4km s-min=7.3km az=125.0

19:20:35:08.2-8.3, 36.34N:70.28E, h74km, 69km, mb3.7, mpv4.1, Error ellipse: s-maj=28.6km s-min=14.9km az=148.0

19:20:35:04.6-0.5, 35.95N:0.05S:70.58E:0.04, h110km, n80, c248/93, mb3.8/17, 6C-2D, Hindu Kush region

19:20:35:07.1-1.6, 41.34N:113.08W, h0km, mbmp1.7/1, ML3.0/1, Error ellipse: s-maj=68.9km s-min=11.2km az=148.0

NEIC 19:20:38:58.7-1.7, 41.11N:102.03E:112.82W:0.01, h0km, 22km, ML1.9/38, Error ellipse: s-maj=4.8km s-min=3.0km az=185.0

ISC 19:20:38:55.5-1.0, 41.26N:0.03S:112.94W:0.03, h0km, n25, c077/24, Utah

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOLN Koldanda, USK Ushakov, etc.

1020

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ARU Arti, ARU Gaotai, etc.

19:20:38:57.1-1.6, 41.34N:113.08W, h0km, mbmp1.7/1, ML3.0/1, Error ellipse: s-maj=68.9km s-min=11.2km az=148.0

NEIC 19:20:38:58.7-1.7, 41.11N:102.03E:112.82W:0.01, h0km, 22km, ML1.9/38, Error ellipse: s-maj=4.8km s-min=3.0km az=185.0

ISC 19:20:38:55.5-1.0, 41.26N:0.03S:112.94W:0.03, h0km, n25, c077/24, Utah

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BGO Big Grassy Mou, BVU Hansel Valley, CTU Camp Tracy, etc.

BER 19:20:48:29.6-1.5, 78.32N:8.36E, h1km, 10km, ML2.2, W1.2 (NAO), Confirmed Earthquake

ISC 19 20:48:28.4.0.3.78.45N.0.05.8.6E.0.1, h17km, 1.1km, n22, c142/36, 2C, Svalbard region

n404, c0991/401, mb4.1/9, MS3.6/19, Central California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Kingsbay, Barentsburg B, Spitsbergen Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Santa Cruz, Lewis Ranch, Salinas Radio, etc.

Table with columns: BRK, Berkeley-Havi, Building 88, L, etc. Lists stations like Berkeley-Havi, Building 88, L, etc.

NEIC 19 21:03:59.8.2.5.3.33S.0.1, 139.78E.0.08, h10km, 1km, mb4.0/10, Error ellipse: s-maj=21.8km s-min=7.5km az=34.0

IDC 19 21:04:03.1.3.2.3.39S.137.67E, h0km, mb3.8/2, mbmp3.9/3, ML3.8/1, MS3.0/4, Error ellipse: s-maj=120.5km s-min=19.4km az=88.0

ISC 19 21:04:03.7.0.9.3.46S.0.08.139.7E.0.1, h37km, n23, c217/21, mb3.9/4, MS3.3/3, Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Santa Clara, Alder Peak, etc.

Table with columns: BRK, Berkeley-Havi, Building 88, L, etc. Lists stations like Berkeley-Havi, Building 88, L, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FAKI, COEN, MTN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JSGM, CO16, CMLM, etc.

Table with columns: BRK, Berkeley-Havi, Building 88, L, etc. Lists stations like Berkeley-Havi, Building 88, L, etc.

IDC 19 21:38:36.0.1.8.36.53N.121.63W, h0km, mb3.4/3, mbmp3.5/10, ML3.7, MS3.6/27, Error ellipse: s-maj=26.0km s-min=11.8km az=62.0

NEIC 19 21:38:38.1.7.36.658N.0.010.121.37W.0.01, h14km, 2km, Error ellipse: s-maj=1.7km s-min=1.4km az=106.0

NEIC 19 21:38:38.9.36.69N.121.33W, h5km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=0.06; Mw=2.46; Mw2=5.3; Mw-0.77; Mw-0.25; Mw-0.03; Fault plane solution: M2.62000x10^15; NP1.3x10^20.000; 0.78.450000; lambda=11.500000; NP2.0x133.250000; 0.78.730000; lambda=168.220000; Principal axes: T 2.5399, P1g.00000, Azm267.00000; N 0.1611, P1g74.00000, Azm176.00000; P -2.7010, P1g16.00000, Azm357.00000

NEIC 19 21:38:38.9.36.69N.121.33W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=0.27; Mw=2.48; Mw2.75; Mw0.05; Mw0.05; Mw0.08; Fault plane solution: M2.62000x10^15; NP1.3x10^20.000; 0.89.880000; lambda=177.690000; NP2.0x225.540000; 0.87.690000; lambda=0.120000; Principal axes: T 2.7545, P1g2.00000, Azm91.00000; N -0.2746, P1g8.00000, Azm319.00000; P -2.4799, P1g2.00000, Azm181.00000

NCEDC 19 21:38:38.9.2.8.36.693N.0.009.121.33W.0.01, h6km, 4km, Mw1.4/2.8, mb4.2/14(NEIC), ML4.1/102(NEIC), Mw1.4/2.3(NEIC) Error ellipse: s-maj=1.4km s-min=1.3km az=108.0

ANF 19 21:38:39.0.0.5.36.57N.121.29W, h3km, 4km, ML4.3/34, Error ellipse: s-maj=3.5km s-min=2.4km az=108.0

ISC 19 21:38:39.7.0.6.36.55N.0.02.121.39W.0.02, h10km, 5km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JMGF, SMCB, THIS, etc.

Table with columns: BRK, Berkeley-Havi, Building 88, L, etc. Lists stations like Berkeley-Havi, Building 88, L, etc.

Table with columns: ORV, GHOM, SCZ2, NVAR, LCH, CCAC, NV11, PMPC, LRMC, GRAC, PAHR, DECC, KPCM, KVN, PASC, TPH, QSM, SNCC, GWY, GWCY, BFSC, GSC, GSC, RRX, KMRM, CIS, TPNV, TPNV, SHOC, KMPM, ELS, HEC, KHMM, MURC, TUQ, S11A, R11A, R11A, KRP, BMN, SHPR, GMR, PFO, PMD, PRN, BELC, I09C, KSXB, BAR, L04D. Each row contains station name, frequency, mode, and other technical details.

Table with columns: L04D, IRM, BC3, L02F, CBX, IKP, KBO, YUH, K05A, K02D, W13A, ELK, ELK, ELK, PDMC, GLA, GLA, J05D, SZCU, J01E, PINE, I03D, U15A, Y14A, I13A, DUG, WUAZ, WUAZ, Q16A, T14A, G05D, W18A, TUC, PDAR, PDAR, SMCO, I21A, I21A, NEW, NEW, NEW, ANMO, ANMO, LPIG, TX31, TXAR, TXAR, TXAR, EDM, EDM, ECSD, ECSD, X37A, X37A, HHAR, P38A, P38A, S39A, MIAR, MIAR, ULM, P40A, P40A, WLAR, FCAR, FCAR, CCM, CCM, CCM, Q44A, YKA, YKA, KDAK, CMK, CMG, ILAR, ILAR, INK, SADO, RES, SCH, FRB, SFJD, SJG, ATAH, TIXI, BORG, BORG. Each row contains station name, frequency, mode, and other technical details.

Table with columns: JMJC, SPITS, H11N3, H11N2, H11N1, H11S1, H11S2, H11S3, NOA, NOA. Each row contains station name, frequency, mode, and other technical details.

NCEDC 19 21:39:20.4, 2.0, 36.687N, 0.009, 121.34W, 0.01, h4km, 2km, M=3.9, m4, 0.06(NEIC), Error ellipse: s-maj=1.7km, s-min=2km, az=60.0
NEIC 19 21:39:20.4, 36.70N, 121.35W, h4km, Moment Tensor Solution. Moment tensor: Scale 104km, Mr:0.14, Mw:1.03, Mo:0.89, Mo-0.27, Mo-0.05, Mo-0.04; Fault plane solution: Mo:9.93000x10^14 NP1:0.43, 0.00000, 0.79, 0.00000, -0.6, 0.00000. NP2:0.134, 0.00000, 0.84, 0.00000, -0.169, 0.00000. Principal axes: T 0.8965, P1g4.00000, Azm268.00000; N 0.1928, P1g7.00000, Azm161.00000; P -1.0894, P1g12.00000, Azm359.00000.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Each row contains station name, frequency, mode, and other technical details.

KRSC 19 21:40:51.3, 1.8, 50.99N, 157.57E, h131km, 18km, ML4.1
IDC 19 21:40:55.1, 1.5, 51.48N, 156.80E, h167km, 9km, mb3, 2.11, mbmp3.8/14, Error ellipse: s-maj=24.9km, s-min=14.0km, az=142.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Each row contains station name, frequency, mode, and other technical details.

Table listing astronomical observations with columns for station code (JTHY, JZIS, etc.), name, frequency, and other parameters.

Table listing astronomical observations with columns for station code (YUK, YUK, etc.), name, frequency, and other parameters.

Table listing astronomical observations with columns for station code (TIA, YOJ, etc.), name, frequency, and other parameters.

19d 22h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like Pinyon Flats O, PFO, PFD, PFFO, etc.

2016 JUL

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like Red Feather La, BLKB, NKNC, etc.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like baz=311, ANOYA, NUKU Hiva, etc.

NEIC 19 22:33:06.7±0.6, 13.56N, 0.09±45:58E, 0.08, h10km, 2km, mb4.2/4, Error ellipse: s-maj=19.4km s-min=6.9km az=141.0

IDC 19 22:33:09.3±0.3, 13.74N, 45:86E, h0km, mb4.1/5, mbmp4.1/6, ML3.9/1, MS3.4/2, Error ellipse: s-maj=80.8km s-min=65.9km az=58.0

ISC 19 22:33:06.3±0.8, 13.6N, 0.1±45:57E, 0.10, h11km, n20, +18/19, mb4.2/6, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ATD, SOCY, RAYN, etc.

ROM 19 22:35:14.6±0.4, 43.813N, 0.010±10:41E, 0.03, h11km, 3km, Md1.0/MLO.8/3, Error ellipse: s-maj=2.0km s-min=0.9km az=71.0, Central Italy

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

19d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like ZHN, PDGK, KURS, etc.

KRNET 19 23:03:55.0, 41.38N, 78.95E, h13km, mb3.2
SOME 19 23:03:55.7, 41.38N, 78.98E, h15km
NWC 19 23:03:56.3, 41.41N, 78.95E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=7.3km s-min=4.8km az=165.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like TARG, ANVS, SATY, etc.

2016 JUL

Main table with columns: UZB, Uzynbulak, 1.73, 1, eP, Pn, 23 04 27.1 -0.3, etc.

1030

Table with columns: MK31, UZB, Uzynbulak, 0.8nm, 0.6s, baz=206, slow=28, SNR=3.5, etc.

20d 1h

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SONMI Songino Array, PETK Petropavlovsk, etc.

ISU 00:02:41.6, 39°54N:73°52E, h1km
KRNET 00:02:42.1±0.1, 39°43N:73°47E, mb3.6
SOME 00:02:48.2, 39°73N:73°42E, h0km

ISC 00:00:43.2, 1.5, 39.52N, 0°05.7351E, h1km, 11km, n53, ±1955/88, 16C-9D, Tajikistan-Xinjiang border region

Main table for 20d 1h data, listing station names, coordinates, and various parameters. Includes stations like OSH, TASHATA, ANR, etc.

2016 JUL

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like MDOK Medeo, KTBS Karatobe, etc.

SOME 00:31:08.5, 41°48N:79°05E, h0km
NINC 00:31:09.7±1.4, 41°41N:79°01E, h0km, mb3.6, mpv3.2

ISC 00:00:31.08, 7.3, 41.33N, 0°10.719, 14E, h1km, 18km, n33, ±076/54, 2C, Kyrgyzstan-Xinjiang border region

Main table for 2016 JUL data, listing station names, coordinates, and various parameters. Includes stations like MDOK, KTBS, KU, etc.

1036

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ARXS Arharly, DJR Jarkent, etc.

IDC 01:10:39.3±4.6, 50°75N:158°40E, h0km, mb3.6/4, mbtmp3.6/5, ML2.2/1, MS3.2/2, Error ellipse: s-maj=105.4km s-min=56.2km az=119.0

KRSC 01:10:40.3±1.7, 51°00N:159°59E, h61km±28km, ML3.9, ISC 01:10:41.7±3.2, 50.92N, 0°09.15953E, 0°07, h29km±20km, n31, ±1947/35, mb3.7/4, East of Kuril Islands

Main table for 1036 data, listing station names, coordinates, and various parameters. Includes stations like KDTR, RUS, etc.

CNRM 01:10:42.4, 35°23N:3°89W, h25km, ml2.2
INMG 01:10:43.2±1.4, 35°18N:3°89W, h4km±6km, ML1.9, Error ellipse: s-maj=4.3km s-min=3.2km az=69.0

SFS 01:10:43.0, 34°39N:3°89W, h35km, ML2.2, EL ARBA DE TAOURIT (MARRUECOS)
MDD 20:01:10:43.4, 0.9, 35°26N:3°89W, h0km±5km, mb_Lg2.1/6, Error ellipse: s-maj=7.3km s-min=4.0km az=1.0

ISC 20:01:10:43.0, 0.9, 35°18N:0°02.386W, 0.02, h20km±5km, n41, ±1932/74, Strait of Gibraltar

Main table for 1036 data, listing station names, coordinates, and various parameters. Includes stations like PALE, GOG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like E0ES Quesada, ZHG ZHG, EADA Adamuz, etc.

IDC 201:12:53.84-1, 23:10N-95:41E, h0km, mb3.7/3, mbmtp3.7/3, Error ellipse: s-maj=366.0km s-min=25.3km az=59.0, Myanmar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

IGQ 201:20:21.0-2, 1°S-1°8'1W, h5km IDC 201:20:22-1.0, 0.84S-0.48W, h0km, mb4.8/20, mbmp4.8/23, ML4.5/3, MS4.0/43, Error ellipse: s-maj=20.7km s-min=10.2km az=61.0

GCMT 201:01:20:23.6-0.3, 1.11S:0.03S:80.64W:0.1, h12km, MW4.9/102, Moment Tensor Solution. s14,c14; s102,c132; Duration: 0 Moment tensor: Scale 10^16Nm; M=2.64z+.06; M=0-.24z+.05; M=0-.24z+.06; M=0.56z-.32; M=0.09z+.05; M=0-.09z+.25; Best double couple: M=2.74200x10^16 Np1.7z+.6.000000-.835.000000-.71.05.000000-. NP2.0z+.68.000000-.856.000000-.79.000000.

Principal axes: T 2.9000, Plg7.0000, Azm45.0000; N -0.3100, Plg0.0000, Azm174.0000; P -2.5400, Plg110.0000, Azm265.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 201:01:20:23.6-2.0, 0.94S:0.05S:80.43W:0.06, h10km, 1km, mb5.1/560 Error ellipse: s-maj=10.3km s-min=8.2km az=274.0

MOS 201:20:25.9-1.0, 0.85S-80.48W, h37km, mb5.2/28, Error ellipse: s-maj=11.9km s-min=6.6km az=106.7

BUI 201:01:20:26.0-0.0, 0.90S:80.50W, h30km, mb5.1/77, MS5.1/5, M57.4/94

VAO 201:01:20:27.7-1.1, 0.89S-80.35W, h35km, 9km, mb5.0 ISC: 201:20:24.0-0.5, 0.93S:0.02S:80.59W, 0.02, h19km, 1km, n1156, r1539/952, mb5.0/331, MS4.1/48, 10C-2D, Near coast of Ecuador.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ROCA ROCAFUERTE 2, YMON MONTECRISTI 3, EC19 TOALLA CHICA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JUI6 Juive, BMAS Trigal station, POND Ponda, etc.

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

20d 1wly

Table with columns for station ID, name, frequency, power, and various performance metrics. Includes stations like Waverly Hall, CPUP, and various WMA/WBWA stations.

2016 JUL

Table with columns for station ID, name, frequency, power, and various performance metrics. Includes stations like OXF, CCRAR, SWET, and various WMA/WBWA stations.

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Table with columns for station ID, name, frequency, power, and various performance metrics. Includes stations like S51A, S51A, S57A, and various WMA/WBWA stations.

20d 1h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like CWC Cottonwood Cre, BGU Big Grassy Mou, VES Vestal, etc.

2016 JUL

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like NUUK Nuuk, PPT Papeete, T35M Bob Quinn, etc.

1040

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like L27K Beaver Creek, L27K Beaver Creek, MVO Monaco, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MLY Manley, M20K Styx River, TOA0 Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PRED Cave del Predi, BRG Berggiesshubel, SBA Scott Base, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CD2 Chengdu, DMN Daman, PKIN Phulchoki, etc.

ADC 20 01:28:56.6 ± 2.8, 36°20'N, 140°37'E, h0km, mb3.5/2, mbmp3.6/3, ML3.4/1, MS3.7/1, Error ellipse: s-maj=59.5km s-min=26.3km az=65.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JMA Felt II J1 at SW IBARAKI PREF, JMA Felt II J1 at SW IBARAKI PREF, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BUI 20 01:41:22.9 ± 0.4, 11°16'N, 88°44'E, h7km, mb4.2/16, mb4.4/10, ML4.4/10, MS3.8/9, MS7.3/4/8, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GOMU GeErMu, GOMU GeErMu, GOMU GeErMu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZHN Zhinishe, ZHN Zhinishe, ZHN Zhinishe, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TARG Taragay, TARG Taragay, TARG Taragay, etc.

20d 1h

Table of astronomical observations for 20d 1h. Columns include station codes (e.g., SGDS, AAK), object names (e.g., Sogindy, Ala-Archa), coordinates (RA, Dec), magnitude, and other parameters (e.g., SNR, error ellipses).

2016 JUL

Main table of astronomical observations for 2016 JUL. Columns include station codes (e.g., AKASG, AKKB), object names (e.g., Malin Array Be, Hachijo jima 2), coordinates (RA, Dec), magnitude, and other parameters (e.g., SNR, error ellipses).

1042

Table of astronomical observations for 1042. Columns include station codes (e.g., DZM, CAN), object names (e.g., Mont Dzumac, Canberra), coordinates (RA, Dec), magnitude, and other parameters (e.g., SNR, error ellipses).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes a table of error ellipses (ISK, DDA, IDC, etc.) and a list of stations with their coordinates and other details.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10N3 ASCENSION HYDR, H10N2 ASCENSION HYDR, RCBA Riachuelo, TOAO Torodi Arr. Sit, TORO Torodi Arr. Bea, etc.

IDC 20 03:23:43.5,3.9,22.80N,94.46E, h94km, 37km, mb3.8/10, mbmp4.1/11, MS3.7/3, Error ellipse: s-maj=42.6km s-min=13.6km az=58.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AZL Aizawl, MND Mandalay, IMP Imphal, MOKO MOKOCHONG, SHL Shillong, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURK Kurchatov, JOW Kunigami, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

IDC 20 03:27:24.6,3.7,15.29S,13.06W, h0km, mb4.1/7, mbmp4.1/7, Error ellipse: s-maj=94.0km s-min=40.4km az=56.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DBIC Dimbokro, TOAO Torodi Arr. Sit, TORO Torodi Arr. Bea, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MT09, KEST Kesra, KEST Kesra, ESDC Sonseca Array, CIMO Cimolais, etc.

IDC 20 03:30:11.2,0.6,15.64S,13.21W, h0km, mb4.4/24, mbmp4.4/24, Error ellipse: s-maj=17.1km s-min=15.2km az=12.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, SHEL Horse Pasture, etc.

20d 3h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like UZH, OJC, OJW, BUR, MILM, LVM, RIMA, KOP, GURO, DEL, ANN, AKASG, AKKB, AKBG, BOACO, GNI, PABE, PABE, VIKU, NACGM, KBZ, IJGN, KIV, ISAL, UOSS, NB2, NOA, F64A, UCCT, GOF, NC204, UPP, WSP, L61B, U59A, T59A, ODNJ, WUPA, TRY, V58A, ACCN, VORR, W57A, J59A, T57A, R5A, N58A, MEF, LPSR, BINY, JSC, P57A, U56A, M57A, LONY, VRH, KMSC, and SSPA.

2016 JUL

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SSPA, OBN, K57A, V55A, BLA, HODGE, LATQ, TRQ, GOGA, FINES, MOS, U54A, M55A, S54A, Q54A, V53A, Y52A, SCHO, R53A, P53A, W52A, O53A, ERPA, M53A, Q52A, P52A, ACSO, ACSO, VLDQ, GEYT, LRAL, BELG, X48A, P49A, Z47A, N49A, P48A, SBA, SBA, SBA, O48B, KLMR, KLMR, KLMR, KLMR, PLAL, T47A, L48A, V48A, W47A, W47A, W47A, OXF, S44A, CGM3, G45A, KIRV, FVM, WHAR, FCAR, CCM, CCM, CCM, CCM, CCM, MGMO, JFWS, JFWS, HKT, HKT, HKT, COWI, S39A, HHAR, I40A, ARU, ARU, ARU.

1046

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like WHTX, WHTX, SPMN, OK034, OK030, OK031, F36A, JCT, JCT, B35A, ECSD, ECSD, TXAR, PZH, KMI, KMI, KMI, CD2, BCAR, ULN, ULN, ILAR, ILAR, TAOE, J20K, PPT2, PPT2, HHC, HHC, HHC, HHC, FITZ, BILL, BILL, BILL, XLT, XLT, ASAR, SEY, SEY, WRA, NJ2, NJ2, PETK, YSS, YSS, KIP, KIP, ERM, ERM, INU, MJAR, IDC 20 03:31:08, DBIC, TORD, ESDC, NEIC 20 03:46:56, IDC 20 03:46:59, ISC 20 03:46:56, Code Station Name, NIUE, AFI, AFI, MSFV, RAR, RAR, RAR, DZM, DZM, DZM, URZ, URZ, PPT2, PPT2, MSWZ, KHZ, LTZ, LTZ, TAOE.

20d 3h

2016 JUL

1048

Table with columns for station call signs (e.g., CMAR, CHTO, GYA), frequencies, and signal strength/quality indicators. Includes sub-headers like 'ScP' and 'PKIKP'.

Table with columns for station call signs (e.g., JHU, EIDS, KRSR, INU), frequencies, and signal strength/quality indicators. Includes sub-headers like 'ScP' and 'PKIKP'.

Table with columns for station call signs (e.g., GOMU, GTA, USRK, GUN, PKI, DMN, ERM, BNX, GKN, DANN, HYBB, PYUN, PCHI, HIA, ULN, SONM, YSS, WMQ, BHK, ZSN, SHLS, TARG, KSH, BOD, ZHN, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, ARXS, BOOM), frequencies, and signal strength/quality indicators. Includes sub-headers like 'LR', 'Iamb', 'P', 'S', 'eP', 'ex', 'x', 'pP', 'sP', 'PcP', 'ScP', 'P/Pdf'.

20d 3h

Table with columns for station code, name, elevation, frequency, and other parameters. Includes stations like BPAW Bear Paw Mtn, MLY Manley, M22K Willow, etc.

2016 JUL

Table with columns for station code, name, elevation, frequency, and other parameters. Includes stations like N25K Chitina, RAGM Ragged Mountai, BMRM Bremner River, etc.

1050

Table with columns for station code, name, elevation, frequency, and other parameters. Includes stations like PABE Paberze, P30M Million Dollar, BURAR Bucovina Array, etc.

Table with columns: Station, Comp, Freq, Power, Az, El, Pol, Status, Date, Time, Az, El, Pol, Status, Date, Time. Includes stations like PDAR, PDMCI, LAO, DGMT, etc.

Table with columns: Station, Comp, Freq, Power, Az, El, Pol, Status, Date, Time, Az, El, Pol, Status, Date, Time. Includes stations like L34A, MSTX, I37B, etc.

Table with columns: Station, Comp, Freq, Power, Az, El, Pol, Status, Date, Time, Az, El, Pol, Status, Date, Time. Includes stations like ACSO, M53A, PKME, etc.

2002 5h

Table listing astronomical observations with columns for station code, station name, RA, Dec, Az, Alt, and other parameters. Includes stations like JTS, ARE1, OCF, etc.

Table listing astronomical observations for the PRU 20 04:15:43.6-0.0, 51.48N, 16.18E, h0km, Poland. Includes columns for Code, Station Name, RA, Dec, Az, Alt, and other parameters.

ADC 20 05:49:07.0, 6.27, 0.04N, 129.85E, h0km, mb4.2/21, mtbm4.2/23, ML3.9/2, MS3.6/27, Error ellipse: s-maj=17.8km s-min=15.2km az=106.0. BUJ 20 05:49:11.2, 2.0, 0.26, 63N, 129.88E, h40km, mb4.4/43, mb4.5/27, Ms4.3/33, Ms7.4/234.

NIED 20 05:49:12.7, 27.01N, 129.79E, h54km, MW4.5, Moment Tensor Solution. s3 Moment tensor; Scale 10^19Nm; Mm=5.22; Mss=1.65; Mss3=3.57; Me1.43; Me2=8.0; Msr=0.76; Fault plane solution: Ms5.6400X10^15 NPT19.000000°, 84.600000°, -113.000000°. NP2: 232.000000°, 84.000000°, -67.000000°.

NEIC 20 05:49:12.3, 1.8, 2.6, 92N, 129.77E, 0.5, h16km, 2km, Mb4.8/46 Error ellipse: s-maj=8.4km s-min=6.0km az=184.0.

JMA 20 05:49:12.7, 0.1, 27.0N, 0.4, 129.8E, 0.5, h54km, MD4.2/26, MV4.4/26, NEAR AMAMI-OOSHIMA ISLAND.

ISC 20 05:49:14.6, 0.4, 27.00N, 0.03, 129.78E, 0.03, h35km, n167, f152/158, mb4.5/49, MS3.8/28, 12C-4D, Ryukyu Islands.

Table listing astronomical observations for the ISC 20 05:49:14.6, 0.4, 27.00N, 0.03, 129.78E, 0.03, h35km, n167, f152/158, mb4.5/49, MS3.8/28, 12C-4D, Ryukyu Islands. Includes columns for Code, Station Name, RA, Dec, Az, Alt, and other parameters.

2016 JUL

Main table listing astronomical observations with columns for station code, station name, RA, Dec, Az, Alt, and other parameters. Includes stations like JNU, JHU, JHF, etc.

1052

Table listing astronomical observations with columns for station code, station name, RA, Dec, Az, Alt, and other parameters. Includes stations like GOMU, GOMU, GOMU, etc.

comp=Z,0.9nm,0.7s,baz=53,slow=5.1,SNR=7.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, ISC. Includes stations like TESR, NORARS Array S, BIZ, VRI, PLOH, BURAR, etc.

NNC 20 06:05:03.1±3.0,54.17N-86.41E, h0km, mb3.6, mpv2.5, 6C-4D, Error ellipse: s-maj=25.0km s-min=14.3km az=14.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, ISC. Includes stations like ZAAO, KURK, KURKB, etc.

IDC 20 06:21:02.5±0.8,5.69S-147.63E, h0km, mb3.777, mtbtp3.8/G, ML3.4/2, MS3.1/7, Error ellipse: s-maj=27.6km s-min=19.2km az=103.0, Eastern New Guinea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, ISC. Includes stations like PMG, KRVT, HNR, WRA, ASAR, DZM, STKA, H11N1, etc.

Taiwan Code Station Name Δ° AZ° Phase ID Op Time Res ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, ISC. Includes stations like LONT, TTN, TTN, TTN, TTN, TTN, etc.

TAP 20 06:25:44.1, 22.86N-120.89E, h10km, ML1.8, 3C, C

YUS baz=37 eS Sb Time Res ISC 06 26 13.3 0.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, ISC. Includes stations like ZAAO, ZAAO, ZAAO, ZAAO, ZAAO, etc.

TAP 20 06:25:44.1, 22.86N-120.89E, h10km, ML1.8, 3C, C

20d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BORA, ZEDA, ARG, ARK, etc.

ISK 20 06:44:48.1, 38.03N, 38.50E, h4km, ML2.5/8
DDA 20 06:44:50.4, 0.0, 38.09N, 38.46E, h7km, 2km, ML2.2
ISC 20 06:44:49.0, 1.4, 38.06N, 0.03, 38.52E, 0.03, h3km, 12km, n16, -0877/26, Turkey

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

IDC 20 06:47:32.5, 1.3, 39.57S, 75.25W, h0km, mb3.8/7, mbmp3.9/9, ML4.2/2, MS3.0/2, Error ellipse: s-maj=33.5km s-min=26.4km az=24.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LR04, LC02, etc.

2016 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LC02, LR02, etc.

IDC 20 07:00:20.4, 1.6, 12.26N, 143.01E, h0km, mb3.4/3, mbmt3.5/4, ML3.6/1, Error ellipse: s-maj=75.3km s-min=20.2km az=123.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO, H1N1, etc.

DDA 20 07:10:25.2, 0.0, 39.73N, 44.58E, h7km, 4km, ML2.7
AZER 20 07:10:26.1, 0.3, 39.68N, 44.54E, h21km, Error ellipse: s-maj=5.7km s-min=1.2km az=252.0

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

1054

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

ISK 20 07:13:23.1, 38.66N, 23.06E, h5km, ML3.7/28
IDC 20 07:13:23.1, 1.1, 38.59N, 22.92E, h0km, mb3.4/7, mbmp3.5/10, ML3.5, MS2.7/4, Error ellipse: s-maj=21.7km s-min=17.1km az=150.0

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

THE 20 07:13:25.6, 38.58N, 22.96E, h16km, ML3.9/17, Error ellipse: s-maj=0.8km s-min=0.5km az=85.0

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

ATH 20 07:13:26.0, 38.58N, 22.98E, h14km, 1km, ML3.9/12, Error ellipse: s-maj=1.8km s-min=0.8km az=304.0

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

20d 7h

Table with columns: KURBB, baz=67, slow=19, SNR=1.6, Sn, Sn, 07 59 02.1+1.2, 07 59 34.4, 07 58 15.8+1.1, 07 59 44.3 -0.4, 08 00 27.6

IDC 20 07:56:46.5-0.6, 15:169S:13:20W, h0km, mb4.2/26, mbmp4.2/26, Error ellipse: s-maj=22.5km s-min=14.5km az=137.0

NEIC 20 07:56:48.6-1.4, 15:177S:01:06:13:09W, 0.10, h10km, 1km, mb4.8/18, Error ellipse: s-maj=18.4km s-min=6.4km az=120.0

ISC 20 07:56:47.9-0.4, 15:74S:01:10:13:15W, 0.08, h10km, n64, o583/58, mb4.4/35, Southern Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H10S2 ASCENSION HYDR, SHEL Horse Pasture, H10N1 ASCENSION HYDR, etc.

2016 JUL

WRA comp=2.0,9nm,0.9s,baz=226,slow=2.1,SNR=5.5, Warramunga Arr 132.26 137 PKP PKPdf 08 16 03.6 +0.4

MJAR comp=2.0,4nm,0.7s,baz=258,slow=4.2,SNR=0.5, Matsushiro Arr 147.19 45 PKPbc PKPbc 08 16 31.5 -0.3

IDC 20 07:57:03.2±1.1, 15:36S:13:24W, h0km, mb4.2/12, mbmp4.2/12, Error ellipse: s-maj=42.3km s-min=32.3km az=99.0

ISC 20 07:57:04.1±1.2, 15:55S:02:13:33W, 0.2, h10km, n15, o1509/15, mb4.2/12, Southern Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DBIC Dimbokro, TORD Torodi Ar. Bea, LSZ Lusaka, KEST Kesra, etc.

1066

MATP Matopo comp=2.7,4nm,1.0s,baz=265,slow=6.4,SNR=5.0, Pedras Altas 40.14 239 eP P 08 05 35.8 +1.4

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UNIS Unistatista Gra, SALV Santo Antonio, ANJT Antonio Joao, etc.

20d 8h

Table with columns: TXAR ANMO, Lajitas Array, Albuquerque, 97.84 298 P, P, 08 11 34.0 -0.3, etc.

IDC 20 08:10:25.51,0.39:31N:73.41E, h0km, mb3.8/11, mbmp3.7/16, ML3.2/5, MS4.3/4, Error ellipse: s-maj=18.6km s-min=14.0km az=136.0

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

2016 JUL

Main table with columns: CHMS, baz=14, TKMZ, Tokmak 2, 3.71 24 P, Sn, 08 12 03.6 -1.3, etc.

1058

Table with columns: ZALV, Zalesovo Beam, 16.32 24 Pn, P, 08 14 19.2 +0.1, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like P17K Kvichak River, Q17K Contact Creek, B111L Bilibino, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like HDA Harding Lake, H24K Noodor Dome, H24K Noodor Dome, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like H11S2 WAKE ISLAND Hy 34.17 197, YKA Yellowknife Ar 36.90 46, I04A Tendick Farm, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like ARU, TX32, TXAR, TXCH, TXSH, KLMR, SFIN, AAK, FINES, AKTO, ABKAR, KSH, KK31, KKAR, NC204, NOA, SSPA, BELG, CMAR, HRV, GUN, JIRN, RAMN, PKI, PKIN, GKN, DMN, PYUN, AKASO, CLL, GERES, WRA, BRTR, ASAR, TORD, H03N2, H03N1, H03N3, BOSA.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like BBSI, BNSI, LUIWI, SPSI, BKSI, TFSI, BSSI, SANI, MRSI, EDPI, MPSI, LBMI, TNTI.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like IRIF, JIJ, JKRS, HATJ.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like EWUT, ENA, TWC, NDS, LATG, ETL.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like NACB, ENTT, NDT, TWE, ETLH, NNSB, NNSH, TWD, TWD, NNS, NNS, FUSB, YHNB, EGS, NSK, FUSU, WHF, TIPB, NFF, SXI1, OWD, WUSB, YM01.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, KURBB, MKAR.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, MKAR.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like TSTA, FRG, CHMI, BATK, GAR, TRKS, UCH, EKS2.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like MRKS, MRKS, TKM2, TKM2, KST, KST, DGS, DGS, KK31, KK31, KK31, BRLS, KRBS, MDOK, MDOK, KTBS, KTBS, KUU, CHKK, CHKK, KURS, ARXS, ARXS, ARXS, ARXS.

SOME 20 09:51:18.5, 41.95N-80.68E, h0km
NNC 20 09:51:19.6, 1.4, 41.96N-80.79E, h0km, mb3.7, mpv3.3
Error ellipse: s-maj=10.1km s-min=7.2km az=153.0
ISC 20 09:51:23.0, 2.0, 42.12N-100.08, 80.56E, 0.06, h10km, n39,
e201/66, 5C-4D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like SHLS, SHLS, KTMS, KTMS, PDGK, PDGK, PDGK, UZB, UZB, UZB, SATY, SATY, ZHN, ZHN, ZHN, KURS, KURS, KURS, DJR, DJR, DJR, MDOK, MDOK, MDOK, MDOK, ARXS, ARXS, ARXS, IZV, IZV, CHKK, CHKK, CHKK.

20d 11h

Table with columns: KBS, eS, IAML, Sg, Time, Res. Includes stations like Barentsburg B, Spitsbergen Ar, Hornsund (broa), Nord, Danmarks Havn, Daneborg.

NOU 20 11:04:07.6, 11:08S:166.75E, h43km, mb5.0/50, Santa Cruz Islands

ICD 20 11:04:12.9, 2.1, 11:61S:166.41E, h58km, mb4.3/19, mbmp4.6/23, ML3.7/3, MS4.0/48, Error ellipse:

s-maj=16.9km s-min=12.6km az=82.0 GCMT 20 11:04:14.1, 1.02, 11:62S:166.08E, 0.01, h50km,

MW5.1/91, Moment Tensor Solution, s86.c111, s91.133, Duration: 0. Moment tensor: Scale 1016Nm;

Mn=5.42e-17, Mw=0.12e-12, Me=5.30e-11, Mn=0.22e-10; Mw=1.06e-09; Mw=1.36e-11; Best double couple:

M5.63500x1016 NP1.39168.00000, s38.00000, lambda9.00000. NP2.39168.00000, s52.00000, lambda9.00000.

Principal axes: T 5.5910, P1g83.0000, Azm263.0000; N 0.0860, P1g0.0000, Azm169.0000; S -5.6790, P1g7.0000;

Azm79.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

BJJ 20 11:04:15.9, 0.0, 10:85S:166.47E, h74km, mb4.9/47, mb5.0/27, Ms4.8/17, Ms7.4/42/1

NEIC 20 11:04:16.1, 1.5, 11:58S:0.09:166.36E:0.09, h80km, gmkm, mb4.9/70, Error ellipse: s-maj=13.1km s-min=11.6km az=216.0

ISC 20 11:04:15.5, 0.5, 11:67S:166.34E:0.06, h80km, gmkm, n240, s130/217, mb4.9/68, 6C-1D, Santa Cruz Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various seismic stations and their coordinates.

Main table with columns: STKA, comp-Z, 1.6nm, 0.7s, baz=64, slow=4.2, SNR=3.4, LR, LR, 11 21 42.3. Lists seismic events with station names and magnitudes.

Main table with columns: DRV, Dumont d'Urville, 57.72 192, P, P, 11 13 56.3 +1.3. Lists seismic events with station names and magnitudes.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, sP, pmax, and various station details like Lovozero, Varrio, Oulanka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details like Keravat, WRA, ASAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details like BMAR, B3M3, C24K, etc.

HEL 20 11:28:45.1+0.1, 67.65N:34.15E, h0km, ML1.8, Explosion
IDC 20 11:28:48.2+2.2, 67.64N:33.39E, h0km, mbtmp2.8/2,
ML1.9/2, Error ellipse: s-maj=21.6km s-min=8.9km
bz=86.0

ISC 20 11:28:44.4+1.1, 67.63N:0.04-34.27E, 0.06, h0km, n21,
c153/33, Baltic States-Belarus-Northwestern Russia

20d 12h

1064

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Includes entries like J26L Joseph Creek, J26L comp=E,69nm,1.2s, J26L comp=N,55nm,0.7s, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Includes entries like RUGZ Raukumara Rang, RUGZ Pakihiroa, WHRZ Whale Island, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Includes entries like E25K Arctic Village, E25K Arctic Village, E25K Arctic Village, etc.

NOU 20 12:39:19.7,36:96S:178.46E,h183km,mb4.2/6, Off E. Coast of N. Island, N.Z.
IDC 20 12:39:30.7,1.7,37:91S:177.86E,h148km,8km,mb3.1/2, mbtp3.8, Error ellipse: s-maj=46.3km s-min=35.5km az=162.0
WEL 20 12:39:32.4,0.8,37:54:17.8Ei,h104km,7km, M3.6/34, ML3.8/33, MLV3.6/34, Error ellipse: s-maj=0.0km s-min=0.0km az=70.1
ISC 20 12:39:29.8,1.0,37:36S:0.06:177.69E,h140km,6km, n110,1921/123, Off coast of North Island

Table with 4 columns: Station ID, Station Name, Azimuth, Elevation, and other parameters. Rows include stations like IMAR Indian Mountain, IL31 Eielson Array, ILAR comp=N, 3.8nm, 0.3s, etc.

Table with 4 columns: Station ID, Station Name, Azimuth, Elevation, and other parameters. Rows include stations like L19K White Mountain, M30M Minto, Yukon, M30M Minto, Yukon, etc.

DNK 20:12:54:32.2.0.8,57:67N x 12:30E, h0km, ML1.8, Explosion, Sweden

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Rows include stations like BORU Boraas, BORU Boru, BORU Boru, etc.

BER 20:12:54:32.1.1.9, 60:36N-5:00E, h0km, ML1.0, Suspected explosion, Southern Norway

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Rows include stations like SUE Sulen, SUE Sule, SUE Sule, etc.

Text block containing coordinates and error information: IDC 20:12:55:20.0.1.2, 39:26N x 73:51E, h0km, mb3.8/9, mbmp3.7/13, ML2.9/5, MS3.1/2, Error ellipse: s-maj=21.1km, s-min=17.5km, az=140.0

ISC 20:12:55:23.0.1.5, 39:55N, 0:04 x 73:65E, h7km, 9km, border region

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Rows include stations like OHH Osh, OHH Osh, OHH Osh, etc.

Table with 7 columns: Station ID, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Rows include stations like UCH baz=17, EKS2 Erkin-Say, EKS2 Erkin-Say, etc.

20d 12h

Table with columns: PDGK, Station Name, Az, El, P, S, Time, Res, and other technical parameters for various stations.

IDC 20 12:55:27.4, 0.9, 23.92N, 121.04E, h0km, mb3.7/6, mbImp3.8/8, ML3.8/2, MS2.6/3, Error ellipse: s-maj=30.7km s-min=19.1km az=91.0

NEIC 20 12:55:32.8, 2.6, 24.16N, 120.96E, 0.05, h33km, 6km, mb4.3/13, ML4.3(TAP), Error ellipse: s-maj=6.4km s-min=4.9km az=120.0

ASIES 20 12:55:33.6, 24.17N, 120.99E, h34km, MW3.7, JMA 20 12:55:33.6, 0.2, 24.2N, 121.0E, 0.9, h66km, MV3.9/14, TAIWAN REGION

TAP 20 12:55:33.5, 24.14N, 120.99E, h38km, ML4.5, B NIED 20 12:55:33.6, 24.20N, 120.98E, h66km, MW4.0, Moment Tensor Solution. s2 Moment tensor: Scale 1015Nm; Mn:0.42; Mns:0.09; Mns:0.32; Mn:-1.06; Ms:-0.03; Ms:0.54; Fault plane solution: M=1,2000x10^15 NP; s:152.00000; s:8.00000; A:122.00000; NP2: s:299.00000; s:84.00000; s:86.00000

Table with columns: Code, Station Name, Az, El, P, S, Time, Res for stations like WHP, WCS, DPDB, WFL, TDCB, TDCB, TWT, CHGB, WUSB, TWQ1, TWQ1, FUSS, TCU, WHF, WHF, WWF, TYC, TYC, OWD, OWD, SMLT, SMLT, SMLT.

2016 JUL

Table with columns: NSY, Station Name, Az, El, P, S, Time, Res for stations like Sanyi, Dajia District, Nantou City, Suanglung, Suanglung, Zhonghua, Mingjian, Zhushan, Miaoli, Yuanlin Townsh, Datong, Nan Shan, Datong, Datong, Nanjuang, Xinyi Township, Emei, Wufeng Townshi, Tongmen, Zhunan, Shilin, Ninganchiao, Chiawan, Zhudong, Guolierin Hig, Gukeng, Hwaiien, Hsinchu, Douliu, Tsauling, Sanguang, Hsinchu, Yeheng, Datong, Hsinchu, Guangfu, Yailiu Villag, Datong Townshi, Alishan, Yu-Shan, Jichi Village, Ta-ch'eng, Tuku.

1066

Table with columns: EHP, Station Name, Az, El, P, S, Time, Res for stations like Heping Village, Niocou, Hungye, Nanau, Mailiao, Minshiang, Ruisui, Wuta, Fushanzhiwuyua, Yuli, Zhongli, Chiyai, National Centr, Dongshan, Xinxu Township, Neicheng, Szu, Yuli, Yuli, Tsoushan, Taoyuan, Ta-pu, Ta-pu, Suao, Shulin Townsh, Hsinying, BACT, Taipei Cit, Xindian Distri, Changbin, Ta-pu, Lidau, TWA, Hsinying, Yijhu, Taoyuan, Fulb, Fulb, Taipei, Taoyuan, Yijhu, Kuangyinshan, Taipei, Tainan City, Toucheng, Nanshi.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CHN8, ECS, EGS, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KNM, KNMB, IRIF, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PPT, PETK, CMAR, etc.

20d 14h

Table with 3 columns: Code, Station Name, and Data (Azimuth, Elevation, SNR, etc.). Includes stations like FCAR Ozark Folk Cen, LVAR Leachville, and others.

IDC 20 13:43:07.7.3.3,6.51S,129.12E,h0km,mb4.1/1, mbmtp3.2/3,ML2.9/2,Error ellipse: s-maj=152.8km s-min=38.2km az=85.0, Banda Sea

Table with 3 columns: Code, Station Name, and Data. Includes WRA Warramunga Arr, ASAR Alice Springs, and ILAR Eielson Array.

IDC 20 13:45:50.1-1.8,27.67S,23.12E,h0km,mb3.2/1, mbmtp3.3/5,ML3.2/4,Error ellipse: s-maj=18.1km s-min=16.2km az=74.0, South Africa

Table with 3 columns: Code, Station Name, and Data. Includes I47ZA BOSHOV INFRASO, BOSA Boshof, LBTA Lobatse, SUR Sutherland, and TORD Torodi Ar.

ANF 20 14:04:28.9.0.1,61.74N:148.56W,h28km,1km,ML3.7/85, ML3.7/84, Error ellipse: s-maj=1.6km s-min=1.3km az=141.0
NEIC 20 14:04:29.0.1.1,61.72N:148.54W:0.02,h28km,7km, Error ellipse: s-maj=3.3km s-min=1.4km az=184.0
AEIC 20 14:04:29.1.1,61.72N:148.55W:0.04,h29km,6km, ML3.4,ML3.6/180(NEIC),Mw3.3/43(NEIC), Error ellipse: s-maj=3.1km s-min=1.9km az=56.0
NEIC 20 14:04:29.8,61.76N:148.51W,h30km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=1.19; Mw0.74; Mw0.45; Mw0.14; Mw0.079; Mw0.034; Fault plane solution: Mc1.36000x10^14 NP1.39292.94000,-0.45.20000,-1.115.13000. NP2.146.58000,-0.50.03000,-1.66.85000. Principal axes: T 1.4021, P1g3.0000, Azm220.0000; N -0.0966, P1g18.0000; Azm311.0000; P -1.3055, P1g72.0000; Azm122.0000; ISC 20 14:04:29.1.0.9,61.79N:148.56W:0.02,h33km,2km, h283,080/282, Southern Alaska

Table with 3 columns: Code, Station Name, and Data. Includes SML Sawmill and RND Reindeer.

2016 JUL

Large table with 3 columns: Code, Station Name, and Data (Azimuth, Elevation, SNR, etc.). Includes stations like SML Sawmill, GHO Glory Hole Cre, PMR Palmer, and others.

1068

Table with 3 columns: Code, Station Name, and Data (Azimuth, Elevation, SNR, etc.). Includes stations like SEW Seward, SPCG Spurr Capps GI, SPU Mount Spurr, and others.

Table with columns: ID, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Station Type, and other parameters. Includes stations like HDA, CRQM, CRQE, NEA2, KHIT, etc.

Table with columns: ID, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Station Type, and other parameters. Includes stations like H23K, H24K, H22K, PCA, etc.

Table with columns: ID, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Station Type, and other parameters. Includes stations like GVZ, NNZ, MRNZ, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like ASAR Alice Springs, MULG Mulgathing, SMPI Samri, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like KAPI Kappang, KAPI Kappang, DAV Davao City (W), etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like VNSA Vanda, VNSA Vanda, VNSA Mitsune, etc.

20d 15h

Table with columns for station code, name, frequency, and signal strength. Includes stations like ERM Ermo, KNMB Chin-men Tao, QZH Quanzhou, etc.

2016 JUL

Table with columns for station code, name, frequency, and signal strength. Includes stations like KULM Kulim, SHERM Shemya Is, SMY Shemya, etc.

1072

Table with columns for station code, name, frequency, and signal strength. Includes stations like LHMI Lhok Sumawe, LHMI Lhok Sumawe, GRNR Gornyy, etc.

20d 15h

2016 JUL

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SHL, GLI, ORV, PASC, PPLA, K02D, VOG, YES, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like IKP, RMX, BBRC, TRF, MLAC, WAT1, WAT2, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NVAR, CRAG, QSM, SIT, TROLL, PCA, PINM, etc.

1075

Table with columns: Station ID, Name, Frequency, Power, Modulation, etc. Includes stations like M26K, LPIG, O29M, K24K, etc.

2016 JUL

Table with columns: Station ID, Name, Frequency, Power, Modulation, etc. Includes stations like J25K, BMN, G22K, H24K, etc.

20d 15h

Table with columns: Station ID, Name, Frequency, Power, Modulation, etc. Includes stations like M31M, B08A, J29M, J29M, etc.

20d 15h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Puyuhuapi, David Mesa, Pa, Socorro, IRIS PASSCAL I, etc.

2016 JUL

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like East Falkland, East Falkland, Divide, Trinidad, Bhopal, etc.

1076

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Nori'sk, Sooner Cattle, Kurk Kurchatov, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PLMC San Jos del P, BG3 Lake Jocassee, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like SIV comp=Z,7.6nm,0.9s, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like L64A P, ARCES ARCES Array B, etc.

2016 JUL

20d 15h

20d 15h

Table with columns for country/region, name, coordinates, and various performance metrics (e.g., 15 32 08.8 +0.1).

2016 JUL

Table with columns for country/region, name, coordinates, and various performance metrics (e.g., 15 35 37.3 +0.4).

1078

Table with columns for country/region, name, coordinates, and various performance metrics (e.g., 15 37 16.0).

Table with columns for station name, frequency, and other identifiers. Includes stations like CRES Cresnjev, ANKY Antikythira Is, MGRS Mrkonjic Grad, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like ROSA Rosais, MAHO Mahon, PMAN Manadas, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like GCO2 Grant County #, KAN16 Harper SW Stat, KAN05 Bluff City Nor, etc.

TUL 20 15:33:07.2, 0.7, 36.531(N), 0:008-98.97W, 0.02, h6km, 3km, ML2.8, mb, Lg2.6/46(NEIC), Error ellipse: s-maj=2.5km s-min=1.2km az=94.0

NEIC 20 15:33:07.9, 0.7, 36.533(N), 0:011-98.96W, 0.011, h3km, 4km, Error ellipse: s-maj=2.0km s-min=1.3km az=185.0

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOKA Waynoka, NOKA Winter Ranch, etc.

NOU 20 15:56:28.9, 22:47:17S, 172:90W, h53km, mb4.6/12, Tonga Islands Region

NEIC 20 15:56:43.9, 1.2, 23:65S, 0:175-5W, 0.1, h10km, 1km, mb4.6/22, Error ellipse: s-maj=23.2km s-min=16.6km az=125.0

IDC 20 15:56:44.9, 0.8, 23:57S, 176:08W, h0km, mb4.1/11, mbmp4.1/12, ML4.1/1, Error ellipse: s-maj=29.9km s-min=20.9km az=136.0

ISC 20 15:56:46.8, 0.5, 23:45S, 175:48W, h30km, n67, a1985/61, mb4.5/25, Tonga Islands region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIUE Niue, MSVF Nonsavu, MSVF Nonsavu, etc.

Table of astronomical observations for July 2016. Columns include object name (e.g., CERRO LA CRUZ, VINCHINA), magnitude, position (RA, Dec), and other parameters (e.g., SNR, position angle).

Table of astronomical observations for July 2016. Columns include object name (e.g., PARB, IPMB, CLDB), magnitude, position (RA, Dec), and other parameters (e.g., SNR, position angle).

Table of astronomical observations for July 2016. Columns include object name (e.g., NNA, NNA, NNA), magnitude, position (RA, Dec), and other parameters (e.g., SNR, position angle).

20d 16h

Table with columns for station ID, name, frequency, and other details. Includes stations like 146A, HODGE, Y46A, NATX, 435B, etc.

2016 JUL

Table with columns for station ID, name, frequency, and other details. Includes stations like ANMO, ANMO Albuquerque, ANMO Albuquerque, etc.

1082

Table with columns for station ID, name, frequency, and other details. Includes stations like EYMN, TPNV, FURC, MPMC, etc.

Table with columns: NEW, Newport, 65.86 333, Iamb, Iamb, 17 01 04.6, etc. Lists various astronomical objects and their properties.

Table with columns: EKA, Eskdalemuir Ar, 88.72 34, P, P, 17 02 38.7 -0.4, etc. Lists astronomical objects with detailed coordinates and identifiers.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists station data for the observatory.

CNRM 20 17:06:32.0, 36:06N:7:39W, h0km, ml2.0
SFS 20 17:06:36.0, 36:27N:7:70W, ML2.6, GOLFO DE CADIZ
MDD 20 17:06:38.1, 0.5, 36:32N:7:70W, h12km, mb, Lg2, 4/8,
Error ellipse: s-maj=4.9km s-min=2.9km az=24.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EGRO El Granado, MORF Marmelete, PCVCE Castro Verde, etc.

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

ICD 20 17:49:09.6,2.6,5.06S:130.35E,h0km,mb3.6/1, mbmp3.4/3,ML3.4/2, Error ellipse: s-maj=169.1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, BMSI Masohi, ALAI Ambon, etc.

DNK 20 18:21:58.2,2.2,5.726N:12.33E,h11km,3km,ML2.5, Probable volcanic

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ONAU Onsala, FABU Falkenberg, BORU Boraas, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KONO Kongsberg, SNART Snartemo, HFS Hagfors, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NC602 NORARS Array S, NC602 NORARS Array S, NC602 NORARS Array S, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S, etc.

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

ICD 20 17:21:33.7,2.4,8.12S:122.04E,h0km,mb3.6/1, mbmp3.2/3,ML3.1/2, Error ellipse: s-maj=304.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CNRA Kununurra, MTN Manton Dam, FITZ Fitzroy Crossi, etc.

ICD 20 17:23:38.2,7.9,7.46S:155.44E,h0km,mb3.6/3, mbmp3.7/3,MS3.6/2, Error ellipse: s-maj=134.3km

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

ICD 20 17:26:14.9,6.8,7.65S:155.72E,h0km,mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=118.0km

ICD 20 18:21:58.2,2.2,5.726N:12.33E,h11km,3km,ML2.5, Probable volcanic

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

ICD 20 18:53:37.3,0.6,3.152N:142.61E,h0km,mb3.9/15, mbmp3.9/20,ML3.4/5,MS2.9/4, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso, JMKN Mikurajimanish, BSO3 Boso, etc.

ICD 20 18:23:11.0,2.8,6.80S:128.38E,h0km,mb3.9/1, mbmp3.7/3,ML3.7/2, Error ellipse: s-maj=321.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, KNU Kanton Dam, KDU Kakadu, etc.

ICD 20 18:53:37.3,0.6,3.152N:142.61E,h0km,mb3.9/15, mbmp3.9/20,ML3.4/5,MS2.9/4, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JAOM Aogashimamukai, JHJC Hachiojijimaka, JHJ2 Mitsune, etc.

ICD 20 18:53:39.5,0.6,3.168N:107.142E,h0km,mb3.9/15, mbmp3.9/20,ML3.4/5,MS2.9/4, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso, JMKN Mikurajimanish, BSO3 Boso, etc.

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

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes NEIC, IDC, MEX, and coast of Guerrero sections.

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

20d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANIG Ahuacatlan, PETF Flores, and TX31 Lajitas Ar.

2016 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like CGM3 Cape Girardeau, CLDN Cedars of Leba, and W52A Murphy.

1086

Table with columns for station name, frequency, power, and other technical details. Includes stations like MSU Marysvale, MVU Marysvale, and N23A Red Feather La.

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

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WAT6, KDAK, HDA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like QRZ, QRZ, QRZ, etc.

NOU 20 19:22:28.8, 40.74S, 172.48E, h6km, MLV4.1/8, Off W.
Coast of S. Island, N.Z.
WEL 20 19:22:29.0, 4.41 S, 173.37 E, h5km, M3.3/13,
ML3.5/15, MLV3.3/13, Error ellipse: s-maj=0.0km
s-min=0.0km, az=67.2
ISC 20 19:22:26.7, 0.6, 40.77S, 0.02x172.60E, 0.03, h8km, 4km,
n69, r1940/65, Off west coast of South Island

20d 20h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SZAC, ERMK, BERE, BUCAC, etc.

KRSC 20 19:36:40.5, 0.9, 54.97N, 162.91E, h25km, 16km, ML4.1
IDC 20 19:36:45.7, 3.5, 55.20N, 162.48E, h46km, 35km, mb3.3/7,
mbtmp3.5/8, ML2.7/1, MS2.8/5, Error ellipse: s-maj=30.3km
s-min=22.5km az=133.0

ISC 20 19:36:40.6, 1.4, 55.05N, 162.90E, 0.04, h10km, 9km,
n49, r1338/65, mb3.5/7, Near east coast of Kamchatka

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MKZ, KBTR, KBG, etc.

2016 JUL

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AVH, AVCH, KOK, DALK, etc.

TAP 20 19:51:12.9, 24.94N, 121.83E, h11km, ML1.2, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EWUT, ENA, TWC, NDS, etc.

JMA 20 19:51:34.8, 0.3, 25N, 123.6E, 0.5, h20km, MV1.4/7,
NW OFF ISHIGAKIJIMA IS, Northeast of Taiwan

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

1088

SKHL 20 19:54:04.6, 0.2, 43.60N, 150.20E, h39km, 6km, mb4.2, 2/E
JMA 20 19:54:05.0, 0.7, 44.7N, 150.10E, h30km, MV3.7/13, SE
OFF ETOROFU

ISC 20 19:54:03.0, 3.8, 43.47N, 150.10E, h35km, n14,
r190/22, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUR, YUK, NEM2, etc.

TAP 20 20:09:11.3, 23.23N, 120.88E, h5km, 1km, ML0.9, C, Taiwan

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

MAN 20 20:10:39, 18.66N, 120.85E, h17km, Ms3.1, 6C-1D, Luzon

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

PGC 20 20:17:29.9, 2.9, 50.46N, 130.25W, h10km, MLSn3.2/25,
Mw3.8/25, 201km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island Region

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

IDD 20:20:44.41.3.1.2.31.52N:142.67E, h0km, mb3.4/5, mbmp3.5/8, ML3.0/3, Error ellipse: s-maj=40.8km s-min=20.0km az=78.0

JMA 20:20:44.70.3.32.1N:14.143E, h63km, MV3.3/7, FAR E OFF IZU ISLANDS

ISC 20:20:44.57.0.9.31.47N:0.07.142.4E:0.1, h50km, n14, z=059/17, mb3.5/5, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), and other parameters for stations like JHCJ, JHUJ, JHJ, JHU, etc.

DSN 20:21:00.00.2.1.6.25.42N:62.67E, h0km, ML3.3/2, Error ellipse: s-maj=26.7km s-min=11.5km az=13.0

OMAN 20:21:00.03.1.1.6.24.96N:62.68E, h15km, mb3.6/2, ml3.2/2, Error ellipse: s-maj=14.0km s-min=10.2km az=112.0

ISC 20:21:00.00.4.1.25.06N:0.09.63.0E:0.2, h35km, n19, z=1940/33, Southwestern Pakistan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), and other parameters for stations like WSAR, WSK, WBK, etc.

NEIC 20:21:15.40.3.1.0.31.55S:0.08:177.78W:0.05, h10km, 2km, mb4.3/7, Error ellipse: s-maj=12.9km s-min=8.1km az=171.0

IDD 20:21:15.41.1.2.0.30.68S:178.38W, h0km, mb3.9/3, mbmp3.9/3, MS3.0/1, Error ellipse: s-maj=56.9km s-min=36.2km az=44.0

ISC 20:21:15.42.9.1.3.31.5S:0.1x177.8W:0.2, h35km, n17, z=095/15, mb4.3/7, Kermadec Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), and other parameters for stations like RAO, URZ, BKT, etc.

IDD 20:21:25.48.4.1.8.21.58N:143.19E, h306km, 16km, mb3.3/13, mbmp4.0/16, Error ellipse: s-maj=19.9km s-min=12.5km az=92.0

ISC 20:21:25.48.7.0.7.21.60N:0.08:143.2E:0.2, h311km, n18, z=093/20, mb3.5/12, Mariana Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), and other parameters for stations like JCJ, JCU, JGUM, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), and other parameters for stations like MJAR, KRSR, KLR, etc.

IDD 20:21:42.11.3.1.1.27.36S:6.48E, h0km, mb3.9/5, mbmp4.1/7, ML4.3/2, MS3.1/1, Error ellipse: s-maj=28.4km s-min=24.9km az=177.0

NEIC 20:21:42.14.3.2.0.27.40S:0.05:6.5E:0.1, h10km, 1km, mb4.5/17, Error ellipse: s-maj=17.8km s-min=7.7km az=95.0

PRE 20:21:42.23.7.2.5.27.66S:7.41E, h10km, ML3.4

ISC 20:21:42.13.7.0.6.27.66S:0.10:6.52E:0.03, h10km, n46, z=1843/44, mb4.3/11.2C, South Atlantic Ocean

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), and other parameters for stations like KOMG, AUGR, KEIM, etc.

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 07.0 +0.2

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 07.0 +0.7

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 12.8 +2.8

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 13.7 +2.7

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

IDD 20:22:06.09.4.7.2.18.58N:103.02W, h33km, 51km, mb3.7/11, mbmp3.9/13, ML3.4/2, MS3.6/6, Error ellipse: s-maj=36.3km s-min=18.6km az=51.0

NEIC 20:22:06.10.8.2.9.18.50N:0.06:103.15W:0.06, h46km, 8km, mb4.5/60, MD4.6/42(MEX), Error ellipse: s-maj=10.5km s-min=6.2km az=222.0

MEX 20:22:06.11.7.0.6.18.46N:103.14W, h58km, 6km, MD4.6

ISC 20:22:06.11.1.0.7.18.47N:0.04:103.13W:0.03, h52km, 6km, n157, z=01935/159, mb4.4/29, MS3.5/31, Near coast of

Microcaon

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), and other parameters for stations like MMIG, COIG, etc.

IDD 20:21:42.11.3.1.1.27.36S:6.48E, h0km, mb3.9/5, mbmp4.1/7, ML4.3/2, MS3.1/1, Error ellipse: s-maj=28.4km s-min=24.9km az=177.0

NEIC 20:21:42.14.3.2.0.27.40S:0.05:6.5E:0.1, h10km, 1km, mb4.5/17, Error ellipse: s-maj=17.8km s-min=7.7km az=95.0

PRE 20:21:42.23.7.2.5.27.66S:7.41E, h10km, ML3.4

ISC 20:21:42.13.7.0.6.27.66S:0.10:6.52E:0.03, h10km, n46, z=1843/44, mb4.3/11.2C, South Atlantic Ocean

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), and other parameters for stations like ARIG, ANIG, etc.

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 07.0 +0.2

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 07.0 +0.7

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 12.8 +2.8

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 13.7 +2.7

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

BOSA BOSA Boshof 16.60 99 eP Pn 21 46 16.8 +1.5

20d 22h

Table of astronomical observations for the 20d 22h period, listing station names, coordinates, and observation details.

2016 JUL

Main table of astronomical observations for July 2016, including station names, coordinates, and observation details.

1090

Table of astronomical observations for the 1090 period, listing station names, coordinates, and observation details.

<p>baz=25,SNR=9.8 QLP Quilpie 24.56 142 P P 22 54 12.3 +2.9 SMPP San Manuel, Pa 24.59 344f eP P 22 54 09.6 0.0 LCKR Leigh Creek 24.78 153 P P 22 54 12.7 +1.4 BLDU Ballidu 25.13 203 P P 22 54 15.8 +1.4 baz=25,SNR=8.2 BLDU Ballidu 25.13 203 P P 22 54 15.8 +1.4 MYKOM Kota Tinggi 25.57 290 P P 22 54 19.0 +0.3 KLBR Kellerberrin 25.64 200 P P 22 54 21.0 +1.9 baz=26,SNR=7.7 KLBR Kellerberrin 25.64 200 P P 22 54 19.9 +0.9 BBOO Buckleboo 26.27 164 P P 22 54 25.7 +0.9 baz=26,SNR=26 BBOO Buckleboo 26.27 164 P P 22 54 25.7 +0.6 BBOO 22 54 27.3</p>		<p>ENH comp=Z,220nm,0.8s JHJ Hachioji jima 2 42.07 15 LR LR 23 11 36.8 PZH Panzhihua 42.24 324 P S 22 56 43.3 +0.4 P 23 03 02.6 -1.0 comp=Z,220nm,0.9s PZH pmax pmax PZH comp=Z,170nm,5.3s LR LR PZH comp=Z,610nm,21.0s LR LR PZH comp=Z,600nm,22.5s LR LR PZH comp=Z,570nm,19.6s LR LR JHS Saijyo 42.66 7 P Iamb P 22 56 46.4 +0.3 JHS 22 56 49.5 comp=Z,30nm,1.0s NAWB Namwon 42.77 360 P P 22 56 47.1 +0.1 TJN Taejon 43.73 360 P P 22 56 56.2 +1.6 KSCHJ Chungju 44.22 0 P P 22 56 59.1 +0.5 LYN LuoYang 44.32 342 P P 22 57 00.1 +0.6 S S 23 03 38.8 +5.1 LYN comp=Z,10.0nm,0.8s pmax pmax LYN comp=Z,150nm,5.0s LR LR LYN comp=Z,160nm,13.7s LR LR LYN comp=Z,120nm,17.3s LR LR LYN comp=Z,170nm,15.5s LR LR CD2 Chengdu 44.64 330 P P 22 57 03.0 +0.9 CD2 comp=Z,40nm,0.8s pmax pmax TIA Tai'an 44.69 348 P P 22 57 03.0 +0.6 TIA comp=Z,12nm,0.6s pmax pmax KSAR Wonju Array Be 44.79 0 P P 22 57 04.1 +1.0 KSAR Wonju Array Be 44.79 0 P P 22 57 04.1 +1.0 KSRS Korea Array 44.80 0 P P 22 57 04.7 +1.4 KSRS comp=Z,14nm,0.8s,baz=176,slow=11,SNR=53 LR LR 23 15 16.3 comp=Z,67nm,21.7s,baz=180,slow=35 KS19 Wonju Array Si 44.85 0 P P 22 57 04.1 +0.4 MJAR Matsushiro Arr 44.98 12 P P 22 57 04.0 -0.7 MJAR comp=Z,4.3nm,0.9s,baz=179,slow=9.4,SNR=12 LR LR 23 15 54.7 comp=Z,126nm,20.4s,baz=184,slow=36 MJAR Matsushiro Arr 44.98 12 P P 22 57 04.0 -0.7 MAJO Matsushiro 44.98 12 P Iamb Iamb 22 57 16.5 MAJO comp=Z,12nm,1.0s pmax pmax MAJO Matsushiro 44.98 12f eP P 22 57 03.8 -0.9 MAJO comp=Z,9.0nm,1.1s pmax pmax XAN Xi'an 45.07 338 P P 22 57 05.8 +0.3 XAN S S 23 03 42.3 -2.4 XAN S S 23 06 58.1 -5.1 XAN comp=Z,30nm,0.9s pmax pmax XAN comp=Z,260nm,5.5s LR LR XAN comp=Z,150nm,17.9s LR LR XAN comp=Z,280nm,16.5s LR LR XAN comp=Z,250nm,16.5s LR LR SEHB SEOHWA 45.62 1 P P 22 57 10.7 +0.9 HNS HongShan 46.38 346 P P 22 57 16.3 +0.6 HNS S S 23 03 59.3 -3.9 HNS comp=Z,48nm,1.0s pmax pmax HNS comp=Z,220nm,13.7s LR LR HNS comp=Z,190nm,17.8s LR LR JSD Sado 46.44 11 P P 22 57 16.7 +0.5 JSD 22 57 29.5 BJT Baijiatuu 48.55 348 P P 22 57 33.1 +0.5 BJT comp=Z,18nm,0.8s pmax pmax BJT Baijiatuu 48.55 348 P P 22 57 33.1 +0.5 BJT comp=Z,18nm,0.8s pmax pmax BJT Beijing 48.57 348 P P 22 57 33.4 +0.7 BJT S S 23 04 39.4 +5.0 BJT comp=Z,23nm,0.9s pmax pmax LZH Lanzhou 48.90 334 P P 22 57 37.3 +1.7 LZH sP sP 22 57 42.0 +1.0 LZH sS sS 23 04 37.1 -2.5 LZH pmax pmax LZH comp=Z,45nm,1.0s pmax pmax LZH comp=Z,220nm,4.6s LR LR LZH comp=Z,440nm,13.4s LR LR LZH comp=Z,470nm,15.1s LR LR LZH comp=Z,620nm,15.8s LR LR MSVF Nonsavu 49.99 107 P P 22 57 44.3 +0.2 MSVF 49.99 107 P P 22 57 44.3 +0.2 MSVF comp=Z,30nm,1.0s pmax pmax HHC Hu-ho-hao-te 50.44 344 eP P 22 57 48.3 +1.1 HHC S S 23 04 55.9 -4.9 HHC S S 23 08 34.9 -0.1 HHC comp=Z,21nm,0.9s pmax pmax BTO Baotou 50.65 343 eP P 22 57 46.5 -2.3 LSA Lhasa 51.09 318 P P 22 57 52.6 -0.1 LSA Iamb Iamb 22 57 54.1 LSA comp=Z,8.2nm,0.7s pmax pmax LSA Lhasa 51.09 318 P P 22 57 52.8 +0.1 LSA comp=Z,14nm,0.9s pmax pmax LSA Lhasa 51.09 318 P P 22 57 52.6 -0.1 LSA comp=Z,8.0nm,0.7s pmax pmax CN2 Changchun 51.18 358 eP S 22 57 50.1 -2.5 CN2 S S 23 05 06.4 -4.4 CN2 S S 23 08 40.4 -6.1 CN2 comp=Z,20nm,0.7s pmax pmax CN2 comp=Z,200nm,3.0s pmax pmax USA0B Ussuriysk Arra 51.68 4 P P 22 57 57.1 +0.8 USA0B 51.68 4 P P 22 57 57.1 +0.8 USA0B comp=Z,8.0nm,0.8s pmax pmax USRK Ussuriysk Arr 51.68 4 P P 22 57 57.4 +1.1 USRK comp=Z,8.9nm,0.6s,baz=169,slow=8.1,SNR=15 LR LR 22 57 56.6 +0.3 USRK Ussuriysk Ar. 51.68 4 P P 22 57 56.6 +0.3 MDJ Mudanjiang 51.98 2 P P 22 57 58.8 +0.3 MDJ Mudanjiang 51.98 2 P P 22 57 59.3 +0.8 MDJ sP sP 22 58 02.4 +1.3 MDJ sS sS 23 05 28.9 +7.1 MDJ sS sS 23 05 34.3 +8.4 MDJ comp=Z,26nm,1.1s pmax pmax MDJ comp=Z,180nm,3.8s LR LR TAPN Taplejung 52.02 313 eP P 22 57 59.1 -0.4 RPZ Rata Peaks 52.18 141 LR LR 23 00 46.0 RPZ comp=Z,658nm,18.3s,baz=300,slow=37 P 22 58 01.8 +0.6 XLT XilinHaoTe 52.32 349f P P 22 58 07.6 +1.2 XLT sP sP 23 05 28.9 +2.2 XLT sS sS 23 05 34.4 +3.6</p>		<p>XLT comp=Z,63nm,1.1s pmax pmax XLT comp=Z,250nm,6.1s pmax pmax RAMN Ramite 52.59 312 eP P 22 58 03.7 0.0 RAMN comp=Z,33nm,0.5s pmax pmax TUWZ Tuamarina 52.97 137 P P 22 58 06.6 +0.6 TEY Ternei 52.98 8 eP P 22 58 06.5 +0.7 JIRN Jiri 53.30 313 eP P 22 58 08.6 -0.5 GOMU GeErMu 53.41 327 eP P 22 58 18.3 +3.1 GOMU S pWP S 23 05 42.0 -0.4 GOMU S pmax pmax GOMU comp=Z,6.0nm,1.2s pmax pmax GOMU comp=Z,150nm,5.5s LR LR GOMU comp=Z,89nm,14.7s LR LR GOMU comp=Z,100nm,14.3s LR LR GOMU comp=Z,110nm,14.5s LR LR GTA Gaotai 53.43 333 P P 22 58 10.0 +0.4 GTA pP pP 22 58 15.5 +2.5 GTA sP sP 22 58 18.1 +3.1 GTA S S 23 05 39.3 -2.8 comp=Z,43nm,1.4s pmax pmax GTA comp=Z,170nm,7.6s LR LR GTA comp=Z,120nm,21.8s LR LR GTA comp=Z,130nm,22.2s LR LR GTA comp=Z,220nm,22.9s LR LR GUN Gumba 53.66 313 eP P 22 58 11.6 -0.1 PKI Phulchoki 53.82 312 eP P 22 58 12.0 -0.8 PKI comp=Z,19nm,0.7s pmax pmax PKIN Phulchoki 53.83 312 eP P 22 58 12.1 -0.8 PKIN comp=Z,14nm,0.4s pmax pmax URZ Urewera 53.92 132 LR LR 23 23 09.4 DMN Daman 54.06 312 eP P 22 58 14.2 -0.3 BKF Birch Farm 54.23 135 P P 22 58 15.9 +0.6 GFZ Gorkha 54.62 312 eP P 22 58 18.1 -0.4 GFZ comp=Z,12nm,0.3s pmax pmax KOLN Koldanda 55.26 311 eP P 22 58 22.0 -1.2 DANN Dangsing 55.46 312 eP P 22 58 24.5 -0.2 PYUN Piuthan 55.90 311 eP P 22 58 27.4 -0.4 PYUN comp=Z,77nm,0.8s pmax pmax KLR Kul'dur 56.68 3 LR LR 23 24 49.0 KLR comp=Z,48nm,18.4s,baz=187,slow=38 pmax pmax KLR Kul'dur 56.68 3c P P 22 58 30.0 +0.3 ULN Ulanbaatar 58.15 344 P P 22 58 44.1 +0.6 ULN Ulanbaatar 58.15 344c P P 22 58 44.1 +0.6 ULN pmax pmax SONM Songino Array 58.31 343 P P 22 58 45.4 +1.0 SONM comp=Z,14nm,1.0s,baz=165,slow=8.1,SNR=67 LR LR 23 25 05.3 comp=Z,31nm,21.8s,baz=175,slow=37 SONM Songino Array 58.31 343 P P 22 58 45.1 +0.7 AFI Afiamalau 59.64 102 LR LR 23 23 14.6 CASY Casey 59.80 188 P P 22 58 54.8 +0.6 CASY Iamb Iamb 22 59 27.9 ZEZ Zeya 61.09 360 eP P 22 59 04.0 +0.8 ZEZ comp=Z,7.1nm,0.8s pmax pmax ZEZ comp=Z,100nm,5.3s pmax pmax ZEZ comp=Z,10.0nm,1.4s pmax pmax WMQ Urumqi 62.68 328 P P 22 59 15.9 +1.7 WMQ sP sP 22 59 23.9 +4.2 WMQ pmax pmax WMQ comp=Z,31nm,0.9s pmax pmax WMQ comp=Z,260nm,4.7s LR LR WMQ comp=Z,280nm,20.1s LR LR WMQ comp=Z,180nm,22.1s LR LR IRK Irkutsk 62.88 344 eP P 22 59 16.5 +1.2 IRK comp=Z,61nm,2.1s pmax pmax PEA0B Petrovavlovsk- 65.60 19 P P 22 59 33.7 +0.6 PEA0B Petrovavlovsk- 65.60 19 P P 22 59 33.7 +0.6 PEA0B pmax pmax PETK Petrovavlovsk- 65.60 19 P P 22 59 33.4 +0.3 PETK comp=Z,70nm,1.9s pmax pmax PETK Petrovavlovsk- 65.60 19 LR LR 23 23 40.8 PETK comp=Z,34nm,21.9s,baz=213,slow=32 pmax pmax PETK Petrovavlovsk- 65.60 19 P P 22 59 33.6 +0.5 PETK Petrovavlovsk- 65.60 19 P P 22 59 33.6 +0.5 NIL Nilore 65.91 312 P P 22 59 34.0 -1.6 NIL Iamb Iamb 22 59 54.9 NIL Nilore 65.91 312 P P 22 59 34.0 -1.6 NIL comp=Z,14nm,1.2s pmax pmax BOD Boidalbo 66.13 352 eP P 22 59 38.1 +1.7 BOD eP 22 59 43.9 KSH Kashi 66.94 319 P P 22 59 43.8 +1.6 KSH pP pP 22 59 47.3 +1.6 KSH pmax pmax TARG Taragay, Kyrgy 66.99 322 P P 22 59 42.5 -0.3 TARG Taragay, Kyrgy 66.99 322 P P 22 59 42.5 -0.3 TARG pmax pmax MK31 Makanchi Array 67.50 328 P P 22 59 45.2 -0.2 MK31 Iamb Iamb 22 59 54.7 MK31 Makanchi Array 67.50 328c P P 22 59 45.0 -0.5 MKAR Makanchi Array 67.50 328 P P 22 59 45.1 -0.3 MKAR comp=Z,3.5nm,0.4s,baz=117,slow=8.2,SNR=53 pmax pmax MKAR Makanchi Array 67.50 328 P P 22 59 45.0 -0.5 MAKZ Makanchi 67.67 328 P P 22 59 46.4 -0.2 MAKZ Iamb Iamb 22 59 47.9 MAKZ Makanchi 67.67 328 P P 22 59 46.4 -0.2 MAKZ pmax pmax YAK Yakutsk 69.42 1 P P 22 59 57.3 +0.2 YAK Yakutsk 69.42 1 eP P 22 59 57.1 0.0 YAK pmax pmax YAK comp=Z,12nm,0.6s pmax pmax MA2 Magadara 69.42 12 LR LR 23 33 58.4 KBL Kabul 69.43 311 P P 22 59 57.2 -0.8 KBL Iamb Iamb 23 00 04.7 KBL Kabul 69.43 311 P P 22 59 57.2 -0.8 KBL pmax pmax AAK Ala-Archa 69.55 321 P P 23 00 01.1 +2.6 AAK comp=Z,3.2nm,0.4s,baz=138,slow=5.4,SNR=59 LR LR 23 34 13.1 AAK Ala-Archa 69.55 327c P P 22 59 58.7 +0.2 AAK comp=Z,93nm,21.8s,baz=127,slow=39 Iamb Iamb 23 00 02.3 AAK Ala-Archa 69.55 321 P P 22 59 58.7 +0.2 AAK comp=Z,28nm,1.8s pmax pmax AAK Ala-Archa 69.55 321 P P 22 59 58.7 +0.2 AAK pmax pmax GAR Garm 70.49 316 P P 23 00 04.0 -0.4 GAR Iamb Iamb 23 00 13.9 ZAAO Zalesovo Array 71.13 335 P P 23 00 06.8 -0.9 ZAAO Iamb Iamb 23 00 19.2 ZALV Zalesovo Beam 71.13 335 P P 23 00 06.8 -0.9 ZALV comp=Z,2.5nm,0.3s,baz=114,slow=3.5,SNR=14 LR LR 23 34 22.8 comp=Z,28nm,18.8s,baz=156,slow=38 ZALV Zalesovo Beam 71.13 335 P P 23 00 06.5 -1.2 CHGR Chuyangang 71.14 315 P P 23 00 07.6 -0.7 CHGR Iamb Iamb 23 00 17.2</p>	
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21d 0h

Table of station data for 21d 0h, including columns for station name, coordinates, and various parameters like P, mmax, and time.

2016 JUL

Main table of station data for 2016 JUL, including columns for station name, coordinates, and various parameters like P, mmax, and time.

1092

Table of station data for 1092, including columns for station name, coordinates, and various parameters like P, mmax, and time.

INET 21 00:07:18.7-0.3, 12.54N-88.08W, h24km, 6km, MW2.9
SNET 21 00:07:20.1-0.6, 12.84N-87.96W, h77km, 17km, ML3.2

SSS 21 00:07:20.1-0.6, 12.84N-87.96W, h77km, 17km, ML3.2
ISC 21 00:07:19.8-1.7, 12.61N-09.8801W, 0.06, h50km, n18,
c046/31, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cosiguina Volc, Conchagua, La Caada, etc.

LDG 21 00:17:36.7-0.0, 47.03N-1.85W, h3km, Md3.4/2, Ml3.4/43,
Error ellipse: s-maj=1.0km s-min=0.7km az=55.0
BGS 21 00:17:37.2-2.2, 47.07N-1.71W, h10km, Ml2.6
STR 21 00:17:38.1-0.4, 47.03N-1.71W, h10km, Ml3.5/2, Error
ellipse: s-maj=0.0km s-min=0.0km az=53.5, preliminary
ISC 21 00:17:35.9-1.0, 47.03N-0.02-1.79W, h15km, 9km,
n120, c198/187, 14, France

Main table for station 1093 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saint Martin d, Quistinic, Chize, etc.

Main table for station 2016 JUL with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yadsworthy, Ossees, Alkurruntz, etc.

KRNET 21 00:26:40.6-0.1, 39.48N-73.61E, mb3.7
NCC 21 00:26:43.4-3.6, 39.49N-73.54E, h0km, mb3.7, mpv3.5,
Error ellipse: s-maj=29.5km s-min=16.1km az=4.0
ISC 21 00:26:40.9-1.1, 39.50N-0.05-73.63E, 0.03, h10km, n50,
c249/89, 25C-18D, Tajikistan-Xinjiang border region

Main table for station 21d 0h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Osh, Batken, Aral, etc.

SOME 21 00:26:40.5, 39.53N-73.57E, h10km

21d 2h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, ID, Time, Residual, Residual Error. Includes stations like KOTS, KTBS, KUU, SATY, KURS, BTLS, ARXS, BLB, AB31.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, ID, Time, Residual, Residual Error. Includes stations like ASAR, WRA, FINES.

VIE 21 00:38:32.0, 0.49, 88N, 18.46E, h0km, mb2.1/9, ml2.5/8, Error ellipse: s-maj=5.6km s-min=4.1km az=144.0 16 km ENE of Ostrava Suspected Mining Induced.

IPCC 21 00:38:32.0, 0.2, 49, 85N, 18.58E, h1km, mb3.0/3, Error ellipse: s-maj=1.8km s-min=1.1km az=164.0 PRU 21 00:38:33.0, 0.0, 49, 82N, 18.50E, h0km, Mining Induced Event Csm, E=4, T=0.5

ISC 21 00:38:32.0, 0.8, 49, 87N, 0.03, 18.54E, 0.02, h0km, n35, e=112/65, Czech and Slovak Republics

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, ID, Time, Residual, Residual Error. Includes stations like RAC, MORC, MAUC, OJC, KRALC, JAVC, NIE, VRAC, VYHS, DPC, KRUC, KRUC, OSTC, MODS, KSP, UPCE, CHVC, ZST, TREC, CRVS, PRU, CONA, RONA, RONA, PVCC, CKRC, BRG, ARSA, KHC, MOA, CLL, BIOA, NKA, KBC, KBA.

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WTTA Wattenberg 5.27 243 eSn Sn 00 40 58.2 +4.3 comp=Z, 2.2nm, 0.4s

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, ID, Time, Residual, Residual Error. Includes stations like DVP, MARNC, YATNC, DZM, NOUC, ONTNC, OUENC.

IDC 21 00:47:56.2, 1.0, 29, 59N, 42.80W, h0km, mb3.7/12, mbtmp3.7/12, MS3.5/33, Error ellipse: s-maj=31.3km s-min=18.0km az=170.0

ISC 21 00:47:58.4, 0.9, 29, 60N, 02.42, 8W, 0.1, h14km, n46, e=57/13, mb3.8/12, MS3.5/33, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, ID, Time, Residual, Residual Error. Includes stations like SJG, MDP, SCHO, SADO, MDT, ESDC, TKL, FRB, DBIC, DAVOX, TORD, ULM, H10N2, H10N3, H10N1, GERES, H10S3, H10S2, NB2, NOA, VRAC, SIV, LPAZ, LPAZ, TXAR, PDAR, FINES, MLR, YKA, AKASG, AKASG, CPUP, LVC, ELK, OBN, NVAR, NVAR, PFO, BRTR, DLBC, BBB, ILAR, ILAR, AKTO, ATD, LSZ, KMBO, LBTB, SEY, MA2.

DJA 21 00:50:09.4, 0.6, 3, S, 3, 12, 8E, h11km, 7km, M3.9/12, mb4.5/2, mb4.9/1, MLV3.6/12, Mw(mb)4.2/1, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, ID, Time, Residual, Residual Error. Includes stations like AAI, MSAI, NLAJ, NLAJ, LBMI, SANI, SANI, SWI, FAKI, APSI.

IDC 21 00:54:39.5, 362.0, 7, 36N, 2.87W, h0km, Error ellipse: s-maj=165.6km s-min=47.3km az=68.0, Ghana

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, ID, Time, Residual, Residual Error. Includes stations like I17CI, I35NA, I47ZA, SVSA, BART, PNOR2, PNOR2, PPOV, PPOV, PGRON, PGRON, PGRON, PCALD, PCALD, CMLA, CMLA, CMLA, PSMM, PSMM, PSMM, PSMA, PSMA, PSMA, PDA, PDA, PDA, PSET, PSET, PSET, MEX, GCG, ISC, PATR, PATR, CHLU, STG3, PAVE, FUG, FUG, PCIG, PCIG, CCIG, CCIG, WRA, H11S3, H11S2, H11S1, ASAR, H11N1, H11N3, H11N2, MKAR, ZALV, IDC, WRA, MTN, MTN, KNRA, FITZ, WBO, WRA, WRA.

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Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, ID, Time, Residual, Residual Error. Includes stations like I17CI, I35NA, I47ZA, SVSA, BART, PNOR2, PPOV, PPOV, PGRON, PCALD, CMLA, PSMM, PSMA, PDA, PSET, MEX, GCG, ISC, PATR, CHLU, STG3, PAVE, FUG, PCIG, CCIG, WRA, H11S3, H11S2, H11S1, ASAR, H11N1, H11N3, H11N2, MKAR, ZALV, IDC, WRA, MTN, MTN, KNRA, FITZ, WBO, WRA, WRA.

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21d 4h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WB2 Warramunga Arr, COEN Coen, ASAR Alice Springs, etc.

IDC 21 02:57:21.1± 1.0, 2°21'N, 126°30'E, h0km, mb3.9/8, mbtmp3.9/8, Error ellipse: s-maj=65.5km s-min=17.9km az=69.0

DJA 21 02:57:27.0± 0.4, 2°N, 3°12'7E±, h10km, M4.0/6, mb4.5/2, MLV3.7/6

ISC 21 02:57:28.2± 0.2, 2°57'N, 109°09', 127°11'E, 0.1, h53km, n13, n53/12, mb3.9/8, Northern Molouca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TNTI Ternate, SGSI Sangihe, LBMI Labuan, MRSI Marisa, APSI Ampana, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 21 03:18:47.8± 3.5, 31°02'S, 178°15'W, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=84.8km s-min=26.7km az=122.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, H03S2 Juan Fernandez, etc.

IDC 21 03:34:22.2± 3.7, 12°36'N, 141°35'E, h58km, 35km, mb3.7/9, mbtmp4.1/10, ML4.3/1, MS2.7/4, Error ellipse: s-maj=27.8km s-min=19.1km az=98.0

ISC 21 03:34:19.2± 0.8, 12°44'N, 141°26'0.1, h30km, n15, n13/11, mb3.9/9, MS2.6/4, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GUMO Guam, JHJ Hachijo jima, MJAR Matsuhiro Arr, KRSR Korea Arr, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MA2 Magadan, SEY Seymchan, MKAR Makanchi Arr, ZALV Zalesovo Beam, ILAR Elselson Arry, ARCES ARCES Array B, FINES FINESS Array B, LPAZ La Paz.

JMA 21 03:54:22.9± 0.3, 27°N, 125°12'5E±, h192km, MV3.8/28, NW OFF MIYAKOJIMA ISLAND

IDC 21 03:54:24.6± 2.5, 26°47'N, 125°09'E, h219km, 27km, mb3.2/8, mbtmp3.7/10, Error ellipse: s-maj=41.2km s-min=20.3km az=59.0

ISC 21 03:54:22.9± 0.7, 26°36'N, 125°00'E, 0.06, h208km, 8km, n33, n145/52, mb3.6/8, Northeast of Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JIRB Irabujima, JKE Kume jima 2, JOGS Gusukube, JM2 Miyako jima3, JTJ Tarama.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JTG Ishigakijimahi, JISG Aguni-jima, JAGN Ishigaki jima, etc.

REN 21 03:55:21.7± 1.2, 40°32'N, 160°04', 116°27'W, 0.03, h1km, 7km, ML2.9/7, ML2.9/85(NEIC), Error ellipse: s-maj=5.9km s-min=3.0km az=169.0

NEIC 21 03:55:23.2± 1.5, 40°32'N, 160°05', 116°27'W, 0.04, h16km, 7km, Error ellipse: s-maj=6.7km s-min=4.9km az=182.0, Nevada

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ELK Elko, BMN Battle Mountain, BMN Battle Mountain, Q12A Willow Creek R, Q09A Carvers, KVN Kaiserville, etc.

IDC 21 03:55:23.2± 1.5, 40°32'N, 160°05', 116°27'W, 0.04, h16km, 7km, Error ellipse: s-maj=6.7km s-min=4.9km az=182.0, Nevada

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include R11A Troy Canyon, PAHR Pah Rah Range, DUG Dugway, DUG Dugway, RYN Ryan, RYN Ryan, RYN Ryan, NV11 Mina Array Sit, WVA Winnemucca Val, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include I07A comp=N, 12nm, 1.1s, TPNV Topopah Spring, TPNV comp=N, 15nm, 0.7s, MSU Marysvale, etc.

NNC 21 04:21:36.2± 0.3, 44°11'N, 77°60'E, h8km, 2km, mb3.6, mpv3.5, Error ellipse: s-maj=2.7km s-min=1.8km az=150.0

SOME 21 04:21:36.9± 4.4, 12N, 77.60E, h15km

ISC 21 04:21:36.8± 0.9, 44°11'N, 77.62E, 0.02, h14km, 7km, n50, c072/94, 15-3D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, CHKK Chushkaly, CHKK Chushkaly, BLB Baldybastay, BLB Baldybastay, KURS Kuram, KURS Kuram, KURS Kuram, KURS Kuram, KTBS Karatobe, KTBS Karatobe, KUU Kurly, KUU Kurly, KNCN Almaty, KNCN Almaty, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, AAA Alma-Ata, AAA Alma-Ata, ZHN Zhinishe, ZHN Zhinishe, SATY Saty, SATY Saty, IZV Izvestkoviy, IZV Izvestkoviy, MTBS Maitube, MTBS Maitube, UZB Uzynbulak, UZB Uzynbulak, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau.

21d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PDGK Podgornoye, DJR Jarkent, DGS Degeres, KST Kastek, etc.

SOME 21 04:36:59.6, 39°38N, 73°42E, h0km
KNET 21 04:37:01.9, 0.1, 39°53N, 73°55E, mb3.7
NNC 21 04:37:01.7, 6.2, 39°42N, 73°72E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=48.1km s-min=27.7km az=174.0
ISC 21 04:37:01.0, 1.9, 39°37N, 0.09, 73°66E, 0.04, h10km, n34,
z=236/56, 16C-17D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OHH Osh, BTk Batken, ARLS Aral, AML Almayashu, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TKM2 Tokmak 2, USP Osenovka, KST Kastek, etc.

IDC 21 04:37:06.3, 0.6, 49°06'S, 30°92'E, h0km, mb4.4/15,
mbmp4.4/16, ML4.7/1, MS3.9/28, Error ellipse:
s-maj=22.6km s-min=14.2km az=77.0
NEIC 21 04:37:08.2, 1.9, 49°1'S, 0.1, 30°8'E, 0.1, h10km, 1km,
mb4.7/23, Error ellipse: s-maj=20.8km s-min=7.3km
az=37.0
GCMT 21 04:37:09.2, 0.3, 49°05'S, 0°02', 30°62'E, 0.04, h15km, 2km,
MW5.0/72, Moment Tensor Solution. s10,c10; s72,c94;
Duration: 0 Moment tensor: Scale 10^10Nm; M1-0.975; 21;
M2-1.80; 17; M3-0.83; 14; M4-3.07; 59; M5-1.89; 14;
M6-0.56; 34; Best double couple: M3, 95700; 1016
N1=22.00000; 835.00000; 1-164.00000; N1P2;
phi=279.00000; 881.00000; 1-566.00000; Principal axes:
T = 4.1350, P1g28.0000; Azm342.0000; N - 0.3620;
P1g33.0000; Azm93.0000; P - 3.7780, P1g44.0000;
Azm222.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 21 04:37:08.1, 0.4, 49°10'S, 0.06, 30°8'E, 0.1, h10km, n117,
c1933/93, mb4.7/38, MS4.0/27, SC, South of Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ROSN Rosenhof, ELIM Elim, SOE Somerset East, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HRAO Harirao, SLR Silverton, KSR Koster, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Taraz, DZA, USP, TARG, etc.

2016 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Karatobe, KUU, CHHK, ZHN, etc.

21d 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Makanchi Array, Kurchatov Arra, etc.

21d 5h

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1100

Table with multiple columns containing station names (e.g., ARU, MAK, GUWA, WSAR, etc.), call signs, frequencies, and various numerical data points. The table is organized into several vertical sections, likely representing different frequency bands or station groups.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VRAC Dobruska-Polom, OSTO Ostas, KRUC Moravsky, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBA Koelnbreinsper, TRI Trieste, SABO M.te Sabotino, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TAM Tamnassret, TAM Tamnassret, MVO Moncorvo, etc.

Table with columns: Station Name, Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like INK Inuvik, C36M Paulatuk, K20K Telida, etc.

Table with columns: Station Name, Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like Q17K Contact Creek, M26K Nabesna, PWL Port Wells, etc.

Table with columns: Station Name, Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like B08A Colville Reser, EGMT Eagle Pt, JMTM Jette, etc.

DJA 21 05:45:25.6, 1.3, 0°N, 5°12'17"E, h27km, 16km, M2, 6/3, MLV2, 6/3
IDC 21 05:45:50.3, 3.0, 2°83'S, 127°74'E, h0km, mb3.1/1, mbmp3.2/2, ML3.4/1, MS4.4/3, Error ellipse:
Kmtaj=143.6km, s-maj=1.7, s-min=3.0, Az=84.0
ISC 21 05:45:25.6, 1.5, 0°N, 0.06, 127.0E, 0.1, h35km, n8,
c2667/7, MS4.3/9, Northern Moulca Sea

IDC 21 05:45:42.0, 5.7, 0.1S, 155°04'E, h0km, mb4.5/16, mbmp4.4/20, ML2.8/3, MS4.8/42, Error ellipse:
s-maj=13.7km, s-min=10.6km, Az=52.0
GCMT 21 05:45:44.2, 0.1, 7.47S, 0.01:155°11'E, 0.01, h13km,
MV5.5/149, Moment tensor: S149, c265;
s121, c198; Duration: 1s4 Moment tensor: S1017
Nm; Mn: 1.28; 0.2; Mw: 0.69; 0.2; Ms: 0.59; 0.2;
M1: 48; 0.7; M2: 0.7; 0.2; M3: 0.7; 0.2; M4: 1.0; 0.2; Best double
couple: M2: 21700, 1017; NP1: 30, 2000000; 8, 18, 000000;
1, 103, 000000; NP2: 126, 000000; 872, 000000; 1, 86, 000000;
Principal axes: T 2.2090, Plg63.00000; Azm30.00000; N
0.0140, Plg4.00000; Azm127.00000; P -2.2250,
Plg27.00000; Azm220.00000; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
NEIC 21 05:45:45.2, 1.8, 7.20S, 0.08:155°12'E, 0.07, h10km, 1km,
mb5.3/130 Error ellipse: s-maj=14.1km, s-min=10.5km,
Az=40.0
MOS 21 05:45:46.4, 1.2, 7.13S, 155°14'E, h33km, mb5.1/13, Error
ellipse: s-maj=11.6km, s-min=7.9km, Az=111.0
BJJ 21 05:45:47.5, 0.1, 7.34S, 155°08'E, h40km, mb4.9/64,
mb5.4/57, Ms5.1/71, Ms7.4/87,
DJA 21 05:45:58.0, 0.9, 8°S, 15°5'E, h66km, 7km, Ms5.2/20,
mb4.8/20, mb5.6/12, MLV5.7/1, Mw(MB)5.1/2,
MwMwp5.4/7, Mwmp5.6/7

ISC 21 05:45:45.0, 0.3, 7.17S, 0.04:155°11'E, 0.04, h10km, n466,
c191/430, mb5.3/119, MS4.9/67, 10C-8D,
Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like GTA, ULN, SONM, SEY, VVDA, LSA, YAK, IRK, GAMB, BILL, R17K, PALK, Q17K, O16K, N16K, P17K, O17K, Q18K, P18K, KDAK, ANM, O18K, Q19K, N18K, Q20K, O19K, SVW2, P19K, N19K, O20K, WMQ, VVMO, WMQ, M19K, L19K, TTA, BRSE, M20K, L20K, GCSA, K20K, SUA, EC01, RC01, PPLA, J20K.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like RDOG, PWT, CAST, PMR, PMR, PMR, CHUM, KNK, GHO, SML, SML, GLI, TRF, M23K, BPWA, EYAK, SCM, SCM, WAT1, I21K, I21K, H21K, WAT6, RND, KLU, KLU, MCK, G21K, MLY, MLY, M24K, DHY, DHY, BMRM, H22K, NEA2, NEA2, F21K, N25K, QSPA, QSPA, I23K, WRH, HARP, CRQE, VRDI, CCB, MDM, G22K, H23K, H23K, TCOL, TCOL, COLA, COLA, COLA, MESA, HDA, HDA, F22K, MCARA, K24K, POKR, IL31, ILAR, ILAR, G23K, MK31, MK31, MKAR, MKAR, MKAR, MKAR, H24K, RIDG, COLD, COLD, COLD, E22K, M26K, M26K, MAKZ.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like MAKZ, MAKZ, MAKZ, CTG, CTGM, PINM, L26K, J25K, PNL, SCRK, SCRK, M27K, O28M, MAW, G24K, ZALV, ZALV, ZALV, A21K, YUK3, L27K, L27K, J26L, J26L, D23K, F24K, BVCY, TOLK, TOLK, E24K, O29M, G25K, P29M, K27K, K27K, SIT, I26K, I26K, YUK6, C23K, YUK4, D24K, F25K, P30M, PLBC, HYT, HYT, C24K, E25K, N30M, F26K, SKAG, DAWY, DAWY, D25K, O30N, KSH, KSH, KSH, KSH, KSH, WRAR, M30M, M30M, N31M, N31M, WHY, J29M, P32M, C26K, I29M, I29M, E27K, KURK, KURK, KURK, C27K, KURRB, MAYO, M31M, P33M, N32M, N32M, AAK.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ala-Archa, Eagle Plains, Dease Lake, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Beja, Nicolau / Gran, Messejana, etc.

SSNC 21 05:55:20.0, 2.6, 19:50N, 71:26W, h120km, 91km, MD3.7, ML3.1

OSPL 21 05:55:21.5, 0.7, 19:93N, 71:63W, h15km, 7km, ML2.8

ISC 21 05:55:22.8, 1.5, 19:71N, 0:08, 71:38W, 0.06, h35km, n8, 1:163/14, Dominican Republic region

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

IDC 21 06:11:51.1, 1.3, 39:09N, 72:24E, h0km, mb3.7/5, mbmp3.6/11, ML3.1/6, Error ellipse: s-maj=25.4km

s-min=16.3km, az=150.0

KRNET 21 06:11:52.1, 0.1, 39:23N, 72:23E, h16km, mb3.9

NNC 21 06:11:57.0, 2.9, 39:36N, 72:08E, h2km, 9km, mb4.2, mpv3.7, Error ellipse: s-maj=21.7km s-min=11.9km az=178.0

SOME 21 06:12:01.9, 39:55N, 72:35E, h15km

ISC 21 06:11:52.8, 0.9, 39:20N, 0:05, 72:26E, 0.03, h10km, n56, 2:65/87, mb3.6/5, 24C-10D, Kyrgyzstan

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

SOME 21 06:18:34.6, 39:40N, 73:58E, h0km

KRNET 21 06:18:37.5, 0.1, 39:44N, 73:59E, mb3.4

NNC 21 06:18:37.5, 0.1, 39:45N, 73:59E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=22.6km s-min=11.3km az=171.0

ISC 21 06:18:39.5, 1.6, 39:52N, 0:07, 73:44E, 0.05, h10km, n23, 2:25/40, 13C-3D, Tajikistan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like baz=22, USP, TKM2, etc.

SOME 21 06:18:34.6, 39:40N, 73:58E, h0km

KRNET 21 06:18:37.5, 0.1, 39:44N, 73:59E, mb3.4

NNC 21 06:18:37.5, 0.1, 39:45N, 73:59E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=22.6km s-min=11.3km az=171.0

ISC 21 06:18:39.5, 1.6, 39:52N, 0:07, 73:44E, 0.05, h10km, n23, 2:25/40, 13C-3D, Tajikistan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MRKS, KST, SGDS, DGS, KK31, BRLS, KRBS, MDOK, KTBS, KUU, etc.

IDC 21 06:32:08.1±8.3, 15.91N:99.80W, h0km, mb3.7/3, mbmp3.5/4, ML2.9/1, Error ellipse: s-maj=180.7km s-min=123.4km az=95.0

MEX 21 06:32:17.6±0.5, 16.60N:100.43W, h4km, mb4.1, ISC 21 06:32:12.4±1.8, 16.45N:100.60W, h0.4, h0km, n36, ±198/67, mb3.6/3, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CAIF, ACP2, DAIG, CRIG, ZIIG, MEIG, ARIG, MGIG, PLIG, TLIG, PNIG, FNIG, MAVM, TXIG, YAIG, YOIG, HLIG, AOVN, TLMV, XCMV, CJVM, UNM, COVM, APVM, MOIG, GMVM, ACIG, VHO, TOIG, DEIG, NEUV, IREJUV, CMIG, TXAR, NVAR, PDAR, ILAR.

EST 21 06:41:29.2±0.1, 59.30N:27.60E, h0km, ML1.5(HEL), Explosion

LVSN 21 06:41:30.5±2.5, 59.23N:27.65E, h0km, 38km, ML1.9

IDC 21 06:41:31.1±1.3, 59.35N:26.76E, h0km, mbmp2.8/3, ML1.9/2, Error ellipse: s-maj=26.0km s-min=10.5km az=81.0

UPP 21 06:41:35.8±2.9, 59.54N:26.79E, h0km, ML1.6, Suspected explosion

ISC 21 06:41:28.1±0.8, 59.31N:0.003:27.58E, h0km, n35, ±111/61, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EE05, EE03, ARBE, VSFU, VSU, MEF, NUR, EE01, MTSE, FIAO, FIA1, FINES, RAUF, AAL, GRAU, FLVU, UJUA, BURU, ODEU, SVAU, SJUJ, LILU, AKASG, ARCES, OHH, ARK, TRKS, ARLS, AML, UCH, EKS2, MRKS, AAK, AAK, AAK.

IDC 21 06:42:08.1±1.6, 38.98N:72.63E, h0km, mb3.9/4, mbmp3.9/7, ML4.0/2, Error ellipse: s-maj=33.5km s-min=24.1km az=132.0

KRNET 21 06:42:10.3±0.1, 39.09N:72.97E, mb3.9, NNC 21 06:42:17.4±7.0, 39.26N:72.75E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=53.2km s-min=30.9km az=173.0

SOME 21 06:42:35.2±0.07N:72.95E, h5km, ISC 21 06:42:11.8±0.8, 39.11N:0.04:73.02E, h10km, n56, ±254/69, mb3.9/4, 24C-9D, Tajikistan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AAK, KBK, ULHL, BOOM, CHMS, CHMS, CHMS, CHMS, KK31, KKAR, SGDS, KST, KST, BRLS, BRLS, DGS, DGS, DGS, MTBS, MTBS, KRBS, MDOK, MDOK, CEP, KTBS, KUU, KUU, CHCP, SATY, SATY, BTL, BTL, BTL, ARX, ARX, ARX, BLB, BLB, BLB, GEYT, KURBE, AB31, AKTO, AKTO, AKTO, FINES, ARCES, TORD, WRA, ZALV, ZALV, ZALV.

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

UCR 21 06:49:29.4-1.3, 8:96N-84.27W, h21km, 5km, MW4.2
INET 21 06:49:29.3-0.6, 8:96N-84.19W, h20km, 6km, MW3.6
UPA 21 06:49:30.0-2.2, 8:93N-84.32W, h28km, 28km, MW3.9
ISC 21 06:49:29.8-1.5, 8:99N, 0:05:84.29W, 0.0, h24nm, 13km, n33, r191750, 1C-4D, Off coast of Costa Rica

Main table section 1 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EDDO Dominical, CDM Cerro de Muert, JACO JACO, Garabito, LAFE Finca La Fe, P, etc.

ISC 21 06:50:47.1-3.0, 53.78N-88.17E, h0km, mbmp3.1/2, ML2.9/2, Error ellipse: s-maj=27.3km s-min=17.6km az=57.0, Southwestern Siberia

Main table section 2 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

ISC 21 06:50:49.9-1.8, 0:09N-124.42E, h0km, mb3.6/3, mbmp3.7/3, Error ellipse: s-maj=207.0km s-min=24.7km az=63.0

DJA 21 06:50:56.3-1.4, 1.1N, 5.12E, h27km, 14km, M3.6/7, MLV3.6/7

ISC 21 06:50:55.5-1.1, 0.93N, 0:08:126.10E, 0:06, h35km, n8, c258/10, mb3.6/3, Northern Molucca Sea

Main table section 3 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNTI Ternate, LBMI Labuha, KMSI Cibinong, etc.

KRNET 21 06:52:41.9-0.1, 39.10N, 71.38E, h15km, mb3.6
NNC 21 06:52:43.7-3.5, 39.13N, 71.48E, h0km, mb3.3, mpv3.4, Error ellipse: s-maj=270km s-min=17.1km az=10.0

ISC 21 06:52:45.2-1.4, 39.03N, 0:09:71.28E, 0:05, h34km, n17, c1959/29, 13C-9D, Tajikistan

Main table section 4 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GAR Garm, CHGR Chuyangaron, OHH Osh, etc.

Main table section 5 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EKS2 Erkin-Say, KK31 Karatay Array, KK31 Karatay Array, etc.

ISC 21 06:53:59.7-2.1, 18.38N, 178.09W, h482km, 37km, mb3.3/3, mbmp4.1/4, Error ellipse: s-maj=198.2km s-min=26.8km az=142.0, Fiji Islands region

Main table section 6 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonavsu, WRA Warramunga Arr, WRA Warramunga Arr, etc.

NIC 21 07:06:16.3-0.0, 36.24N, 30.17E, h54km, 98km, Md4.3/1, M13.7/8

ISK 21 07:06:22.9, 35.94N, 30.91E, h86km, ML3.6/54
DDA 21 07:06:23.7-0.0, 35.89N, 31.06E, h30km, 1km, ML3.1

ISC 21 07:06:27.3-1.8, 35.99N, 30.94E, h70km, 19km, mb3.5/8, mbmp3.8/15, MS3.7/2, Error ellipse: s-maj=15.5km s-min=14.0km az=179.0

HLW 21 07:06:29.0, 35.61N, 30.67E, h21km, 18km, Md3.7
ISC 21 07:06:25.4-0.9, 35.87N, 30.03, 89E, 0.03, h51km, 11km, n135, c2805/161, mb3.7/7, Eastern Mediterranean Sea

Main table section 7 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKUM Antalya-Kumluç, AKUM Antalya-Kumluç, AKUM Antalya-Kumluç, etc.

ISC 21 07:06:25.4-0.9, 35.87N, 30.03, 89E, 0.03, h51km, 11km, n135, c2805/161, mb3.7/7, Eastern Mediterranean Sea

ISC 21 07:06:25.4-0.9, 35.87N, 30.03, 89E, 0.03, h51km, 11km, n135, c2805/161, mb3.7/7, Eastern Mediterranean Sea

Main table section 8 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKUM Antalya-Kumluç, AKUM Antalya-Kumluç, AKUM Antalya-Kumluç, etc.

ISC 21 07:06:25.4-0.9, 35.87N, 30.03, 89E, 0.03, h51km, 11km, n135, c2805/161, mb3.7/7, Eastern Mediterranean Sea

ISC 21 07:06:25.4-0.9, 35.87N, 30.03, 89E, 0.03, h51km, 11km, n135, c2805/161, mb3.7/7, Eastern Mediterranean Sea

Main table section 9 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKUM Antalya-Kumluç, AKUM Antalya-Kumluç, AKUM Antalya-Kumluç, etc.

Main table section 10 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERMK Ermenek, ERMK Ermenek, ERMK Ermenek, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like BRLS, KRBS, MDOK, etc.

TEH 21 08:27:28.1, 32.84N, 47.63E, h0km, ML3.0
ISN 21 08:27:29.1, 6.32.82N, 47.66E, h29km, 13km, ML3.0
ISC 21 08:27:29.3, 0.9, 32.81N, 0.04, 47.61E, 0.03, h15km, n28,
c=175/31, Iran-Iraq border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like DFLH, IKOM, IBDR, etc.

WEL 21 08:37:52.3, 0.3, 42.53S, 173.3E, h29km, 4km, M2.2/4,
ML2.5/12, MLV4.2/4, Error ellipse: s-maj=0.0km
s-min=0.0km az=120.1, South Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like KHZ, GVZ, THZ, etc.

DJA 21 08:38:58.8, 1.2, 7.5S, 172.9E, h12km, 6km, M4.0/6,
M3.9/5, MLV4.0/6, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like SOEI, BATI, FAKI, etc.

IDC 21 08:39:29.7, 3.2, 53.76N, 88.16E, h0km, mbtmp2.9/2,
ML2.5/2, Error ellipse: s-maj=28.9km s-min=20.2km
az=82.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like I46RU, ZALESOVO INFRA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like ZALV, KURBB, MKAR, etc.

HEL 21 08:39:48.5, 0.5, 60.82N, 28.95E, h0km, ML1.9, Explosion
IDC 21 08:39:49.9, 2.4, 60.77N, 28.80E, h0km, mbtmp3.0/2,
ML2.0/2, Error ellipse: s-maj=20.5km s-min=14.4km
az=3.0

ISC 21 08:39:46.6, 1.5, 5.6038S, 0.05, 29.05E, 0.07, h0km, n15,
c=143/21, Baltic States-Northwestern Russia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like RUFUX, VJF, FIAO, etc.

IDC 21 08:42:23.4, 3.4, 53.60N, 87.95E, h0km, mbtmp3.0/2,
ML2.8/2, Error ellipse: s-maj=35.5km s-min=16.9km
az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like I46RU, ZALV, KURBB, etc.

IDC 21 08:49:00.6, 2.8, 53.63N, 87.90E, h0km, mbtmp3.1/2,
ML2.7/2, Error ellipse: s-maj=23.0km s-min=15.8km
az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like I46RU, ZALV, KURBB, etc.

IDC 21 08:53:22.1, 3.5, 7.68S, 105.79E, h0km, mb3.7/6,
mbtmp3.7/6, Error ellipse: s-maj=170.5km s-min=23.5km
az=50.0

DJA 21 08:53:24.1, 0.3, 8.5S, 170.6E, h10km, M4.0/11, mb4.2/1,
MLV4.0/11

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like SKJI, CNJI, DBJI, etc.

ISC 21 08:53:28.1, 1.1, 7.65S, 0.1, 106.05E, 0.07, h32km, n23,
c=099/19, mb4.0/6, Janda

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like SOEI, BATI, FAKI, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like KURBB, ZALV, TXAR.

IDC 21 08:54:01.4, 0.4, 25.80S, 69.41E, h0km, mb4.6/38,
mbtmp4.5/38, MS4.0/45, Error ellipse: s-maj=13.8km
s-min=12.4km az=21.0

NEIC 21 08:54:02.8, 0.9, 25.74S, 0.10, 69.1E, 0.1, h10km, 1km,
mb4.9/50, Error ellipse: s-maj=18.2km s-min=15.3km
az=230.0

GCMT 21 08:54:03.8, 0.2, 25.91S, 0.01, 69.19E, 0.03, h14km, 1km,
MW5.0/11, Moment Tensor Solution. s39, c43;
s11, c162; Duration: 0 Moment tensor: Scale 10^16Nm;

Mn: 3.47e-20; Mo: 3.69e-15; Mo: 0.21e-12; Me: 0.98e-26;
Mo: 1.00e-09; Mo: 2.01e-35; Best double couple:
M4: 30220.00000° NP1: 232.00000° 847.00000°,
lambda-129.000000° NP2: 102.000000° 855.00000°,
lambda-56.000000° Principal axes: T: 3.9670, Plg4.0000°

Azm: 169.00000° N: 0.6720, Plg7.0000° Azm: 261.00000°; P:
-4.6370, Plg2.0000°, Azm: 0.0000°; nsta1 refers to body
waves, cutoff=40s, nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 21 08:54:04.7, 0.4, 25.73S, 0.07, 69.31E, 0.07, h21km, n173,
c123/154, mb4.9/87, MS4.0/49, 2C-1D, Indian Ocean
Triple Junction

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, and station details like ROCAM, H08S2, H08S3, etc.

21d 10h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like NJ2, TYV, SSSLB, HNS, HIA, ZEA, HHC, PEAOB, PETK, HKPS, H11N2, H11N1, H11N3, H11S3, H11S1, H11S2, SONM, YAK, SEY, PZH, BILL, CMAR, TIXI, WMQ, ZALV, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, MTN, COEN, NRIK, NRIK, NRIK, SDPT, KURK, KURK, KURK, KURK, CHGN, N16K, O16K, KNRA, O18K, K20K, K20K, L20K, J20K, J20K, G21K, KDAK, KDAK, F21K, H21K, H21K, PPLA, CAST, SKT.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like F22K, H22K, E22K, SUA, SUA, BRSE, MLY, M22K, WRB, WRAB, WRAB, WRB, WRB, WRA, WRA, WRA, G23K, C23K, BRVK, BRVK, BRVK, H23K, PMR, NEA2, NEA2, WAT1, KNK, D24K, SML, MDM, MDM, E24K, PWL, C24K, TCOL, H24K, COLA, F24K, G24K, SCM, HDA, HDA, IL31, ILAR, D25K, G25K, F25K, K24K, E25K, KLU, J25K, F26K, C27K, BMRM, SCRK, SCRK, J26L, L26K, L26K, M26K, CRQE, E27K, K27K, K27K, L27K, L27K, M27K, M27K, AS31, AS31, ASAR, ASAR, ASAR, YUK3, DAWY, I29M, I29M, I29M, YUK4, EPYK, YUK6, O29M.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like M30M, HYT, HYT, P29M, EIDS, INK, INK, ARU, ARU, ARU, ARU, P30M, N31M, N31M, O30N, PLBC, M31M, M31M, WHY, WHY, ABKAR, ABKAR, SKAG, FARO, FARO, SIT, N32M, P32M, AKTO, P33M, P33M, DLBC, KIRV, T35M, ARMA, PRGR, FORT, STKA, STKA, STKA, BELG, ARCES, YKA, VRH, VRH, OBN, OBN, OBN, OBN, LPSR, LPSR, VSR, VSR, FINES, I03D, KBZ, KBZ, K02D, G05D, I04A, L02F, EDM, EDM, EDM, I05D, J04D, J04D, Y04B, Y04B, Y04B, L04D, NEW, NEW, NEW, SUMJ, NACG, MSO, AKASO, AKAB, HFS, NB2, NOA, NOA, HLID.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like EGMET Eagleton, NVAR Mina Array Bea, BOZ Bozeman (W), etc.

SNET 21 10:01:12.9:1.0, 13.26N:90.27W, h24km, 10km, ML2.9
SSS 21 10:01:12.9:1.0, 13.26N:90.27W, h24km, 10km, ML2.9
GCG 21 10:01:25.7:0.3, 14.22N:90.65W, h50km, 6km, MD3.4

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like NUBE Las Nubes, SLOZ Alcala de Sa, UUES Universidad Ev, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like STG3 Santiaguito 3, LCND La Caada, etc.

BER 21 10:02:12.6:1.0, 64.42N:31.22E, h0km, ML1.8,
ML1.8(UPP), Suspected explosion
KOLA 21 10:02:16.3:0.4, 63N:30.55E, h0km, ML2.2
UPP 21 10:02:17.8:0.2, 64.57N:30.06E, h0km, ML1.8, Suspected explosion

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like APAA Apatity Array, APA Apatity, KALU Kalix, etc.

ISC 21 10:02:14.6:1.2, 64.66N:0.05:30.38E:0.07, h0km, n37,
+1553/45, Finland-Karelia border region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like SJJU Sjuksmark, BURU Burvik, ERU Ertsjaerv, etc.

VIE 21 10:11:13.1:0.2, 47.23N:11.03E, h10km, 2km, mb1.0/7,
ml1.9, Error ellipse: s-maj=1.0km s-min=0.7km
az=173.0 9 km SSW of Telfs, Austria

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like MOTA Moosalm, SOTA Sankt Quirin, FETA Feichten, etc.

WEL 21 10:26:14.6:0.8, 32.5S:17.6W:1.0, h33km, M4.8/6,
mB4.6/1, MLV4.8/6, Mw(mB)3.8/1, Error ellipse:
s-maj=0.0km s-min=0.0km az=110.1, South of
Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, WMGX Waomatatini S, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like SNGZ Shannon Station, MHGZ Mahia Peninsul, RTZ Ruatathuna, etc.

KRNET 21 10:41:17.4:0.1, 39.42N:73.48E, mb3.7
SOME 21 10:41:20.2, 39.58N:73.42E, h0km
NNG 21 10:41:22.9, 1.3, 39.61N:73.31E, h0km, mb3.7, mpv3.4,
Error ellipse: s-maj=10.4km s-min=5.7km az=173.0

ISC 21 10:41:15.7:1.4, 39.44N:0.05:73.31E:0.03, h2km, 10km,
n45, e2282/80, 27C-17D, Tajikistan-Xinjiang border

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, ISC. Includes stations like OHH Osh, GAR Garm, ARLS Aral, ARK Arkit, etc.

21d 10h

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MTBS, BRLS, KRBS, MDOK, etc.

IDX 21 10:45:50.9-0.6, 23.48Sx175.92W, h0km, mb4.3/13, mblmp4.4/15, ML4.7/2, Error ellipse: s-maj=24.5km s-min=16.3km az=123.0

NEIC 21 10:45:53.9-2.6, 23.51S-0.08-175.6W-0.1, h23km, 6km, mb4.6/26, Error ellipse: s-maj=14.0km s-min=10.5km az=108.0

ISC 21 10:45:55.7-0.5, 23.57S-0.07-175.76W-0.10, h33km, n80, s145/67, mb4.5/23, Tonga Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like RAO, NIUE, MSVF, etc.

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MTN, KNRA, SBA, VNSA, etc.

IDX 21 10:51:15.5-0.6, 23.65Sx175.85W, h0km, mb4.2/14, mblmp4.3/16, ML4.4/2, MS4.0/30, Error ellipse: s-maj=23.9km s-min=16.1km az=124.0

NEIC 21 10:51:16.6-2.8, 23.49S-0.08-175.59W-0.10, h10km, 1km, mb4.7/34, Error ellipse: s-maj=15.0km s-min=13.0km az=113.0

ISC 21 10:51:20.7-0.5, 23.64S-0.06-175.87W-0.09, h33km, n109, s142/77, mb4.5/23, Tonga Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like RAO, NIUE, MSVF, etc.

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HNR, EIDS, CTAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR 2.27m, CMAR Chiang Mai Arr, YKA Yellowknife Arr, etc.

IDC 21 11:05:49.6-1.7, 13.92N:93.00E, h0km, mb3.4/4, mbtmp3.3/5, ML3.4/1, MS3.6/3, Error ellipse: s-maj=61.7km s-min=23.6km az=63.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR 0.2m, CMAR 0.3m, H0S83 Diego Garcia H, etc.

IDC 21 11:16:19.1±0.4, 32.55N:130.93E, h150km, 2km, mb3.7/17, mbtmp4.1/22, MS4.0/1, Error ellipse: s-maj=14.9km s-min=10.4km az=67.1

NIED 21 11:16:20.1±0.1, 32.65N:131.11E, h151km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn:0.97; Mw:0.16; Ms:0.81; Mo:0.17; Ma:0.17; Mb:0.68; Fault plane solution: M0:1.4000x10^15 NP1: 0.919,00000°, 828.00000°, 1.009.00000°. NP2: 0.357,00000°, 864.00000°, 1.80.00000°.

JMA 21 11:16:20.1±0.1, 32.62N:0.4:131.11E:0.5, h151km, MD3.7/40, MV4.1/40, NORTHERN MIYAZAKI PREF

JMA Felt J1 at NORTHERN MIYAZAKI PREF, ISC 21 11:16:19.5±0.6, 32.52N:130.93E, h157km, 5km, n41, r1946/45, mb3.9/17, 2D, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIU3 Izumi3, JIU3 Kitakata, JIU3 Kitakata, JIU3 Kitakata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA 1.0m, PALK Palleke, ASAR Alice Springs, etc.

IDC 21 11:26:44.9, 31.59S:179.75W, h398km, mb4.5/42, Keradec Islands Region

NEIC 21 11:26:45.0±1.9, 31.63S:179.74W:0.2, h410km, 10km, mb4.3/24, Error ellipse: s-maj=20.9km s-min=10.4km az=103.0

WEL 21 11:26:45.9, 32.56S:179.9W:1.4, h391km, 8km, M4.9/52, mb5.4/52, ML5.9/22, ML5.8/51, Mw(mb4)/8/52, Error ellipse: s-maj=0.0km s-min=0.0km az=108.5

IDC 21 11:26:46.2±1.1, 31.29S:179.84E, h393km, 11km, mb3.6/8, mbtmp4.5/13, Error ellipse: s-maj=17.3km s-min=13.1km az=122.0

ISC 21 11:26:44.0±0.5, 31.59S:179.76W:0.08, h400km, n210, r169/230, mb4.2/22, Keradec Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TSZ Takapari Road, PKE Puketiti, NEZ North Egmont, etc.

21d 11h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WRKA, VANDA, KNRA, etc.

NNC 21 11:37:10.9-1.3, 41.42N:79.06E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=9.1km s-min=5.4km az=163.0

SOME 21 11:37:10.0, 41.42N:79.08E, h15km, KRNET 21 11:37:10.0, 41.39N:79.03E, mb2.9

ISC 21 11:37:11.6-1.8, 41.42N:0.008:79.13E:0.04, h10km, n41, r1544/63, 8C-8D, Kyrgyzstan-Xinjiang border region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like TARG, SATY, PDGK, etc.

2016 JUL

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like KTBS, ARXS, DJR, etc.

1116

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like GUVG, CHIC, DBBC, etc.

Table with columns: ID, Name, Address, Elevation, Status, Date, Time, and other details. Includes entries like PEXB Peixe, HAW Hawthorne Fire, G3GA Chaparral WMA, etc.

Table with columns: ID, Name, Address, Elevation, Status, Date, Time, and other details. Includes entries like 053A New Philadelphia, KAN14 Manchester OK, KAN17 Caldwell West, etc.

Table with columns: ID, Name, Address, Elevation, Status, Date, Time, and other details. Includes entries like FURC Furnace Creek, CTU Camp Tracy, MPMC Manuel Prospec, etc.

21d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Pleasant Camp, Faro, Yukon, Million Dollar, etc.

2016 JUL

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Belgrano, Saita, Watana, etc.

1118

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Canela, PEIXE, RCLB, MALB, TRQA, etc.

DNK 21 12:13:08.6:0.8,59:72N:22:42E, h0km, ML2.3(UPP), Suspected explosion
LVSN 21 12:13:08.1:1.5,59:67N:22:43E, h0km, ML2.5
HEL 21 12:13:09.2:0.1,59:67N:22:37E, h0km, ML2.3
ML2.3(UPP) Explosion
EST 21 12:13:09.4,59:67N:22:40E, h0km, ML2.3(HEL), Explosion
IDC 21 12:13:10.2:0.1,59:91N:22:35E, h0km, mbtmp2.8/4, ML2.1/4, Error ellipse: s-maj=25.5km s-min=6.7km az=161.0
UPP 21 12:13:10.0:1.0,59:71N:22:22E, h0km, ML2.3, Suspected explosion
ISC 21 12:13:07.9:0.7,59:69N:0:03,22:43E:0:02, h0km, n75, e08791.1, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Soera, Palade, Perakula, Nova, Metsahovi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FIBU Brunnna, FIBU Backbrunna, BACU Backbrunna, etc.

IDC 21 12:13:29.2:1.8,59:91N:22:33E, h0km, mbtmp2.9/4, ML2.3/4, Error ellipse: s-maj=27.7km s-min=7.0km az=159.0, Baltic States-Belarus-Northwestern Russia
Code Station Name Az Az' Phase ID Time Res
FINES FINES Array B 2.40 49 Op Pn 12 14 10.8 +1.1
FINES 4.4nm,0.3s,baz=228,slow=14,SNR=13
HFS Hagfors 4.34 277 Pn 12 14 35.6 -0.8
HFS 0.3nm,0.3s,baz=94,slow=20,SNR=16
NOA NORAS Array B 5.61 289 Pn 12 14 51.7 -2.2
ARCES ARCES Array B 9.75 7 Pn 12 15 49.2 -1.4

UCR 21 12:14:02.9:1.4,10:83N:86:61W, h20km, 12km, MW3.8
INET 21 12:14:03.7:0.9,10:78N:86:56W, h14km, 9km, MW3.5
ISC 21 12:14:04.8:1.9,10:78N:87:07,86:56W:0:1,h31km,n18, s=1504/23, Off coast Costa Rica
Code Station Name Az Az' Phase ID Time Res
HZTE Horizontes, Gu 0.94 94 Op Pn 12 14 20.7 -1.2
HZTE Horizontes, Gu 0.94 94 Op Pn 12 14 34.6 +0.4
HZTE Horizontes, Gu 0.94 94 Op Pn 12 14 20.8 -1.0
SAJU San Juanillo, 1.09 131 Op Pn 12 14 22.9 -1.0

SSNC 21 12:15:29.6:2.2,19:01N:80:90W, h20km, 70km, MD3.1, MW3.5
JSN 21 12:15:31.5:1.4,15:67N:79:78W, h10km, 999km
ISC 21 12:15:27.8:1.9,19:17N:79:09,80:58W:0:08,h10km,n9, s=1579/15, Cuba region
Code Station Name Az Az' Phase ID Time Res
MGV Manicaragua 3.00 13 Op Pn 12 16 17.1 +1.7
MGV Manicaragua 3.00 13 Op Pn 12 16 52.0 +0.6
CCCC Cccc 3.40 113 Op Pn 12 16 27.9 -0.3

IDC 21 12:17:32.5:4.6,53:81N:90:84E, h0km, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=43.2km s-min=25.9km az=53.0, Southwestern Siberia
Code Station Name Az Az' Phase ID Time Res
I46RU ZALESOVO INFRA 3.56 275 Op Pn 12 48 50.0 +0.6
ZALV Zalesovo Beam 3.56 275 Pn 12 48 29.6 +0.6
ZALV 0.5nm,0.3s,baz=93,slow=15,SNR=17
ZALV 0.7nm,0.3s,baz=94,slow=14,SNR=9.6 Lg Pn 12 48 26.6 -0.7

HEL 21 12:53:59.9:0.8,60:95N:29:08E, h0km, ML1.3, Explosion, Baltic States-Belarus-Northwestern Russia
Code Station Name Az Az' Phase ID Time Res
RUFJ Ruokolahiti 0.49 353 Op Pn 12 54 08.7 -0.5
RUFJ Ruokolahiti 0.49 353 Op Pn 12 54 14.7 -0.9
FINES FINES Array S 1.54 280 Op Pn 12 54 27.1 -1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like baz=115, FIAO Pernaja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HEL 21 12:55:05.1:0.8,60:21N:25:52E, h0km, ML1.2, Explosion, Finland

IDC 21 13:11:19.6:6.9,23:12S:176:34W, h0km, mb3.7/2, mbtmp3.7/2, MS3.0/1, Error ellipse: s-maj=292.4km s-min=60.8km az=148.0, South of Fiji Islands
Code Station Name Az Az' Phase ID Time Res
MSVF Nonsavu 7.51 315 Op Pn 13 16 04.8
ASAR Alice Springs 45.48 259 P Pn 13 19 40.9 -0.1

NEIC 21 13:31:03.6:0.8,56:82N:0:03,156:55W:0:06, h72km, 9km, Error ellipse: s-maj=5.2km s-min=4.7km az=47.0
IDC 21 13:31:03.8:3.8,57:19N:156:57W, h65km, 38km, mb3.1/4, mbtmp3.4/6, ML3.3/2, MS2.2/1, Error ellipse: s-maj=41.7km s-min=18.7km az=16.0
AEIC 21 13:31:04.2:0.9,56:82N:0:03,156:51W:0:06, h68km, 8km, s-min=3.1km az=50.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like R17K Ugashik Creek, R17K Ugashik Creek, etc.

SII Sitkinak Island 1.33 103 Op Pn 13 31 26.2 -0.3
SII Sitkinak Island 1.33 103 Op Pn 13 31 26.3 -0.3
VNHG Veniaminof 1 1.60 247 Op Pn 13 31 30.0 -0.3
VNSG Veniaminof 1 1.61 243 Op Pn 13 31 29.8 -0.5
KELA Mount Kelaz 1.63 15 Op Pn 13 31 30.7 +0.1
S14K Fog Glacier 1.78 252 S Pn 13 31 53.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KDAH Katmai Hardscr, KAHK Katmai Hardscr, etc.

21d 13h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SDPT Sand Point, Q20K Shuyak Island, SYI Shuyak Island, etc.

UCR 21 13:36:49.1±1.1, 13.94N:90.79W, h89km, 8km, ML3.6
SNET 21 13:36:49.1±0.9, 13.93N:90.79W, h88km, 6km, ML3.6
CGG 21 13:36:54.9±0.5, 14.29N:90.86W, h50km, 15km, MD4.1
ISC 21 13:36:50.4±1.6, 13.81N:0.1-90.93W:0.06, h73km, n32,
+0586/36, 5D, Near coast of Guatemala

2016 JUL

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like NBG Las Nubes, NUBE Las Nubes, SLOZ SLOZ, etc.

1120

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like YHNB Yeheng, NSK Sangang, YMO1 YMO1, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, Time, Residual. Rows include stations like JKRS, TPUB, WJP, etc.

KNET 21 13:56:17.6:0.3, 42.85N:74.03E, h20km, 5km, ml1.6, Error ellipse: s-maj=4.5km s-min=1.7km az=133.0

KRNET 21 13:56:18.0:0.1, 42.86N:74.01E, h16km, mb2.3, NNC 21 13:56:17.3:0.5, 42.86N:74.01E, h0km, mb2.8, mvpv2.8, Error ellipse: s-maj=4.9km s-min=2.5km az=175.0

SOME 21 13:56:18.1, 42.87N:74.02E, h15km, ISC 21 13:56:18.1:0.9, 42.86N:74.02E, h16km, 8km, n42, -0.67/79, 30C-11D, Kyrgyzstan

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, Time, Residual. Rows include stations like EKS2, AAK, USP, CHMS, MRKS, etc.

Table of station data for stations like KTBS, BTLS, MDOK, CHHK, CHKK, etc.

MOS 21 14:07:13.0:1.2, 61.55N:150.45W, h64km, mb4.5/11, Error ellipse: s-maj=22.7km s-min=7.7km az=96.5

NEIC 21 14:07:15.8:1.4, 61.66N:0.03:150.33W:0.04, h57km, 5km, Error ellipse: s-maj=4.1km s-min=2.4km az=157.0

AEIC 21 14:07:16.1:0.1, 61.63N:0.03:150.33W:0.06, h60km, 6km, ML4.0, ML4.1/142(NEIC), Mwr4.1/101(NEIC), Error ellipse: s-maj=4.2km s-min=3.9km az=130.0

IDC 21 14:07:16.1:0.9, 61.81N:150.38W, h63km, 6km, mb3.8/21, mbmp4.1/25, MS3.0/13, Error ellipse: s-maj=20.5km s-min=10.5km az=30.0

NEIC 21 14:07:16.6:1.6, 61.66N:150.41W, h56km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.32; Mw=0.66; Mx=0.99; My=0.94; Mz=0.67; Mxx=0.88; Fault plane solution: Mo1.69000x10^15 NP1: 334.06000, 336.69000, -168.42000. NP2: 234.73000, 283.11000, -53.88000. Principal axes: T 1.8585, P229.0000, Azm296.0000; N -0.4113, Plg36.0000; Azm50.0000; P -1.4472, Plg41.0000; Azm178.0000

ISC 21 14:07:15.3:0.5, 61.54N:0.02:150.34W:0.03, h64km, 4km, n384, -1.04/414, mb4.4/36, 13C, Southern Alaska

Main table of station data for stations like M22K, FIS, PMR, RC01, GHO, etc.

Main table of station data for stations like SCM, WAT1, PPLA, WAT6, SEW, etc.

21d 14h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like F24K Squaw Lake, G24K Hadweenc Riv, HDA Harding Lake, etc.

2016 JUL

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EGMT Eagleton, PKM Mcpherson Peak, BOZ Gosman (W), etc.

1124

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NNSB Datong, NNS Nan Shan, WUSB Renai, etc.

21d 15h

Table with columns: SEW, Seward, 2.06 86 P, Pn, 15 16 22.0 +0.8, Susitna Watana, 3.79 45 P, Pn, 15 16 42.1 -0.3, Melozitna River, 5.65 3 P, Pn, 15 17 06.0 -0.4, etc.

2016 JUL

Table with columns: WAT6, Susitna Watana, 3.79 45 P, Pn, 15 16 42.1 -0.3, CHUM, Lake Minchumina, 3.90 8 P, Pn, 15 16 44.1 +0.5, etc.

1126

Table with columns: H21K, Melozitna River, 5.65 3 P, Pn, 15 17 06.0 -0.4, H21K, Melozitna River, 5.65 3 P, Pn, 15 17 06.9 +0.4, etc.

NEIC 21 15:17.41.6, 2.8, 41.30N, 0.03, 44.29E, 0.08, h16km, 5km, az=89.0, MOS 21 15:17.43.9, 0.0, 41.39N, 0.43, 95E, h5km, NSSP 21 15:17.44.5, 41.35N, 44.00E, h12km, Ms4.1, ISK 21 15:17.44.9, 41.41N, 44.07E, h5km, ML4.1/16, TIF 21 15:17.45.4, 41.39N, 44.01E, h13km, DDA 21 15:17.45.6, 0.0, 41.34N, 44.03E, h7km, 2km, MW4.4

CFUSG 21 15:17:45.5, 41.10N:44.31E, h6km, Georgia Magtype
MSH 3.3 from 4 stations
IDC 21 15:17:45.3-0.6, 41.28N:44.04E, h0km, mb3.8/9,
mbmp3.9/18, ML4.0/7, MS3.1/13, Error ellipse:
s-maj=11.6km s-min=6.8km az=60.0
NORS 21 15:17:45.6-0.0, 41.50N:43.87E, h2km, MPVA5.3
AZER 21 15:17:48.0-0.5, 41.12N:44.38E, h7km, Error ellipse:
s-maj=6.7km s-min=3.2km az=295.0
DRS 21 15:17:48.0-0.0, 41.18N:43.96E, h20km
ISC 21 15:17:45.6-0.6, 41.36N:0.01:44.03E:0.01, h12km, 4km,
n350, 425/10/462, mb4.0/19, MS3.0/10, 17C-25D, Western
Caucasus

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

Table with columns: DBOC, DDEM, DDBAD, DKMG, etc. Lists seismic events with columns for event name, magnitude, time, and location.

Table with columns: VANB, URKR, URKR, URKR, etc. Lists seismic events with columns for event name, magnitude, time, and location.

21d 15h

Table with columns: SIM, Name, Frequency, Band, Pol, Az, El, SNR, etc. Includes stations like Simferopol, Sevastopol, Voronezh, Belgomogov, etc.

2016 JUL

Table with columns: Code, Station Name, Az, El, Pol, Phase ID, Time, Res, etc. Includes stations like Colim, Maissana, Kurchatov, Hagfors, etc.

1128

Table with columns: MWZ, URZ, etc. Station Name, Frequency, Band, Pol, Az, El, SNR, etc. Includes stations like Matawai, Urewera, Rihannu, etc.

Table of flight arrivals from 1129. Columns include airline code, flight name, origin, arrival time, and status.

Table of flight arrivals from 2016 JUL. Columns include airline code, flight name, origin, arrival time, and status.

Table of flight arrivals from 21d 15h. Columns include airline code, flight name, origin, arrival time, and status.

21d 15h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like PLCA, NKL, VNA1, etc.

2016 JUL

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like JUL, EYAK, GLI, MVO, etc.

1130

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like MSO, LYN, MOOW, etc.

Table with columns: Station Name, Frequency, Mode, Signal, Power, Azimuth, Elevation, and other parameters. Includes stations like H21K Melozitna Rive, SCRK Sand Creek, WALA Waterton Lakes, etc.

Table with columns: Station Name, Frequency, Mode, Signal, Power, Azimuth, Elevation, and other parameters. Includes stations like HHC comp=Z,27nm,1.0s, ELIS Ellis County, F24K Squaw Lake, etc.

Table with columns: Station Name, Frequency, Mode, Signal, Power, Azimuth, Elevation, and other parameters. Includes stations like KURK Kurchatov, AAK Alara, KKAR Karatay Array, etc.

21d 15h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like eSS, SS, sKSSK, etc.

NEIC 21 15:27:47.5, 1.8, 23.48S; 0.06; 175.5W; 0.1, h10km, 1km, mb4.7/43, Error ellipse: s-maj=23.1km s-min=3.5km

IDC 21 15:27:48.0, 0.7, 23.68S; 175.69W, h0km, mb4.2/12,

2016 JUL

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like mbmp4.2/12, Error ellipse: s-maj=26.5km s-min=22.0km, etc.

1132

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GERRS Array B 153.97 346, etc.

SOME 21 15:28:49.6, 39.60N; 72.78E, h10km

ISU 21 15:28:50.7, 39.51N; 73.60E, h5km

KRNET 21 15:28:53.4, 0.1, 39.50N; 73.49E, mb3.5

NNC 21 15:28:55.2, 39.56N; 73.62E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=18.1km s-min=11.0km az=167.0

ISC 21 15:28:52.1, 1.6, 39.60N; 0.06; 175.5W; 0.1, h5km, 12km, n33, 219158, 17C-SD, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Osh, Osh, Osh, etc.

21d 16h

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes entries for PCVE Castro Verde, PBDV Barranco-do-Ve, PVAQ Vaqueiros, etc.

JMA 21 16:21:36.2,0.1,40.1N,0.3,142.5E,0.7,h33km,1km, Mv3.9/40, NE OFF IWATE PREF.
JMA Felt J1 at NE OFF IWATE PREF.
JMA 21 16:21:39.6,6.3,39.94N,142.34E,h74km,45km,mb3.0/5, mbtmp3.619,ML2.8/4,MS3.21, Error ellipse: s-maj=73.3km s-min=19.6km az=73.0

ISC 21 16:21:34.5,2.1,40.13N,0.0,142.60E,0.10,h25km,13km, n26,+r145/30,mb3.5/5,18D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes entries for JTH Tanohata, JKEN Kujiedanarisa, JMK Ichinoseki, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes entries for IDC 21 16:23:51.8,2.2,18.62S,169.07E,h210km,35km,mb3.6/7, mbtmp4.2/9, Error ellipse: s-maj=57.3km s-min=15.6km az=149.0, etc.

BJI 21 16:28:41.4,0.0,23.90S,175.00W,h10km,mb5.3/5, mb5.7/51,Ms5.3/68,Ms7.5/1/66
NEIC 21 16:28:41.6,23.69S,174.91W,h18km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1:0.7; M2:0.29; M3:1.36; M4:0.42; M5:0.29; M6:0.62; Fault plane solution: M1:48000;1017 NP1:181.712000; 33.250000; 160.650000; NP2:32.040000; 661.450000; 107.810000; Principal axes: T 1.3348, Plg68.0000; Azm331.0000; N 0.2566, Plg16.0000; Azm196.0000; P -1.5914, Plg15.0000; Azm102.0000;

NEIC 21 16:28:42.3,2.9,23.62S,175.17W,0.1,h10km,1km, s-min=1.2km az=122.0
MOS 21 16:28:43.2,2.23.77S,175.18W,h12km,mb5.6/20, MS5.1/8, Error ellipse: s-maj=10.5km s-min=8.6km az=86.5

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes entries for JSD Sado, JCU Chichijima, JST Tsurushima, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes entries for RIZ Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

ISC 21 16:28:46.5,0.5,23.69S,175.95W,h0km,mb5.0/18, mbtmp4.9/20,ML5.0/2,MS5.0/49, Error ellipse: s-maj=17.3km s-min=16.2km az=128.0

NOU 21 16:28:51.1,23.79S,175.04W,h68km,mb5.3/27,Tonga Islands Region
GCMT 21 16:28:52.3,0.1,23.90S,0.01,175.36W,0.01,h22km, Mw5.5/52,Moment Tensor Solution. s128,c229; s152,c297; Duration: 1s4 Moment tensor: Scale 10^17 Nm; M1:1.02; M2:0.03; M3:0.15; M4:0.02; M5:0.94; M6:0.05; M7:0.05; M8:0.05; M9:0.05; M10:0.05; Best double couple: M2:37400;1017 NP1:193.00000; 832.00000; 184.00000; NP2:2.010000; 859.00000; 194.00000; Principal axes: T 2.3580, Plg76.0000; Azm302.0000; N 0.0340, Plg3.0000; Azm199.0000; P -2.3900, Plg14.0000; Azm108.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res. Includes entries for RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARMA Armidale, EIDS Eidsvoll, CAN Canberra, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JMN comp=Z,51nm,1.4s, SBU Sibiu, AMKA Amchitka, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BELC Belle Mtn. Jos, CWC Cottonwood Cre, BC3 Big Chuckawall, etc.

21d 16h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KIS, MILM, BR13, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BTNL, SAR, SNF, etc.

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Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like AAI, NLAI, BNDI, etc.

21d 17h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like GLA Glamis, DUG Dugway, W13A Hualapai Mount, etc.

21C 17:59:37.15.6.61:50Sx155.05E, h0km, mb3.8/2, s=mbmp3.8/3, ML4.0/11, MS4.1/10, Error ellipse: s-maj=35.2km s-min=47.0km

NEIC 21 17:59:38.5.2.1.61:64S, 0.09:154.6E:0.3, h10km, 1km, mb4.4/17, Error ellipse: s-maj=22.4km s-min=12.8km az=300.0

ISC 21 17:59:38.0.5.8.61:54S, 0.10:154.7E:0.2, h10km, n39, s=135/27, mb4.4/10, MS4.1/9, Baileny Islands region

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

2016 JUL

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like H01W3 Cape Leeuwin H, RAO Raoul Island, DZM Doulos, etc.

21C 17:15:09.0.8.2.5:06S, 145.18E, h64km, 34km, mb3.3/8, s=mbmp3.8/11, ML3.9/2, Error ellipse: s-maj=31.3km s-min=16.3km az=93.0

ISC 21 17:05:09.8.0.7.5:00S, 0.07:145.1E:0.1, h54km, n23, s=193/25, mb3.6/8, Near north coast of New Guinea

ISC 21 17:15:09.0.8.2.5:06S, 145.18E, h64km, 34km, mb3.3/8, s=mbmp3.8/11, ML3.9/2, Error ellipse: s-maj=31.3km s-min=16.3km az=93.0

NEIC 21 17:15:09.1.2.1.5:7S, 0.1:36.0E:0.2, h10km, 2km, mb4.5/9, Error ellipse: s-maj=26.4km s-min=17.2km az=274.0

ISC 21 17:15:10.1.0.8.5:52S, 35.88E, h0km, mb3.8/10, s=mbmp4.0/14, ML4.3/4, Error ellipse: s-maj=24.9km s-min=16.7km az=116.0

ISC 21 17:15:10.1.0.6.5:56S, 0.06:36.00E:0.10, h9km, n30, s=290/33, mb4.0/14, Tanzania

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KIBK Kibwezi, KIMBO Kilima Mbogo, KIMBO Kilima Mbogo, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like POGA Pongola, TSMU Tsumeb, RER Riviere de l'Ym, etc.

IDC 21 17:16:48.2.1.0.5:50S, 35.91E, h0km, mb3.9/6, s=mbmp3.9/6, Error ellipse: s-maj=40.2km s-min=23.1km az=128.0

NEIC 21 17:16:48.4.1.3.5:36S, 0.09:35.74E:0.06, h10km, 2km, mb4.4/12, Error ellipse: s-maj=15.6km s-min=9.9km az=192.0

ISC 21 17:16:48.7.0.7.5:38S, 0.08:35.8E:0.1, h9km, n22, s=182/20, mb4.3/11, Tanzania

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

FUNV 21 17:27:58.9.10:95N, 62.06W, h69km, MW3.7 TRN 21 17:27:58.1, 10:93N, 62.13W, h69km, MD3.6

ISC 21 17:27:57.1.4.10:90N, 60.05:62.14W:0.05, h79km, 19km, n28, s=150/46, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like TRN Trinidad (W), TRN Trinidad (W), TRN Trinidad (W), etc.

AUST 21 17:54:05.7,0.5,25.58S,129.85E,h0km, Error ellipse: s-maj=7.7km s-min=5.9km az=83.0

NOU 21 17:54:06.8,25.63S,129.86E,h10km,mb4.0/14, Northern Territory, Australia

IDC 21 17:54:07.4,5.0,25.76S,130.13E,h0km,mbtmp3.6/3, ML3.5/3, Error ellipse: s-maj=43.8km s-min=30.5km az=89.0

ISC 21 17:54:06.2,0.7,25.56S,129.88E,0.04,h10km,n40, c254/44, Northern Territory

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like WRKA Warrakurna, ASAR Alice Springs, etc.

comp=Z,0.3nm,0.5s,baz=256,slow=6.5,SNR=4.1 ISA ISA comp=Z,0.3nm,0.5s Isabella, Lake 87.86 54 P Iamb Iamb 18 30 32.1+2.9 18 30 34.4

comp=Z,4.6nm,0.8s WEL 21 18:30:50.5,1.0,41.5S,173.3E,h164km,6km,M1.8/4, ML1.8/4, Error ellipse: s-maj=0.0km s-min=0.0km az=133.5, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like MRNZ Matariki Terra, TKNZ Takaka Hill, etc.

IDC 21 18:31:48.5,1.9,16.29S,178.24E,h0km,mb3.5/3, mbtmp3.6/3,MS3.3/11, Error ellipse: s-maj=47.5km s-min=23.9km az=95.0, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like MSVF Nonsavu, AFI Afiamu, etc.

DJA 21 18:35:37.4,1.0,1'S,6'13"E, h10km,M3.7/8,MLV3.7/8 IDC 21 18:35:38.7,5.6,1.02S,131.68E,h0km,mb3.6/3, mbtmp3.6/4,ML3.7/1, Error ellipse: s-maj=41.1km s-min=22.4km az=73.0

ISC 21 18:35:35.8,2.2,0.65N,101.1314E,0.1,h10km,n10, c059/9,mb3.8/3,Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like SWI Sorong, FAKI Fak Fak, etc.

IDC 21 18:38:04.4,1.6,23.94S,175.78W,h0km,mb3.9/5, mbtmp3.9/6,ML5.0/11,MS3.5/2, Error ellipse: s-maj=56.9km s-min=30.7km az=160.0

ISC 21 18:38:09.4,1.4,23.95S,175.3W,0.2,h31km,n8, c156/7,mb3.8/5, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like MSVF Nonsavu, ASAR Alice Springs, etc.

IDC 21 20:02:44.6,3.5,7.14S,129.43E,h158km,31km,mb3.5/6, mbtmp4.0/7, Error ellipse: s-maj=101.2km s-min=17.8km az=64.0

ISC 21 20:02:41.9,0.7,7.17S,129.69E,0.09,h139km,n19, c234/42,mb3.8/6,Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like FAKI Fak Fak, MTN Mantong Dam, etc.

ATH 21 20:06:41.7,37.76N,20.92E,h38km,6km,ML2.5/4, Error ellipse: s-maj=6.9km s-min=1.3km az=342.0

THE 21 20:06:42.8,37.88N,20.90E,h9km,3km,ML2.1/5, Error ellipse: s-maj=2.3km s-min=0.6km az=50.0

ISC 21 20:06:42.9,1.2,37.87N,100.04,20.93E,0.03,h18km,6km, n21,c578/33,Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like VLS Valsamata, RLS Riopos, etc.

KRSC 21 20:07:38.1,1.6,50.85N,157.35E,h131km,16km,ML3.7, Kuril Islands

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

TAP 21 20:14:16.7,24.68N,121.99E,h68km,ML2.6,C
JMA 21 20:14:16.0,1.24,7N,0.4,122.0E:0.3,h72km,1km,
MV2.1/9,TAIWAN REGION
ISC 21 20:14:16.7,1.3,24.68N,0.003,122.03E:0.03,h67km,7km,
n67,r0576/130,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like TWC Suao, EGS Suao, NTC Toucheng, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like ESL Shilin, OWD Renai, WHP Taichung City, etc.

IDC 21 20:29:42.2,2.1,8.19S,126.67E,h0km,mb3.4/1,
mbtmp3.4/3,ML3.5/2,Error ellipse: s-maj=164.3km
s-min=33.5km az=61.0,Timor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makaranj Array, etc.

IDC 21 20:50:42.8,4.0,48.38N,153.04E,h128km,36km,mb3.3/8,
mbtmp3.7/8,Error ellipse: s-maj=87.9km s-min=23.6km
az=31.0

ISC 21 20:50:43.5,3.3,48.38N,0.4,153.04E:0.4,h150km,n15,
r0574/9,mb3.4/8,Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like PETK Petropavlovsk, KRSR Korea Array, H1N1 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like QUOK Quay, BLOK Blackwell, OK031 S. Brethren Rd, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CGM3 Cape Girardeau, JCT Junction City, K31A O'Neil, etc.

ADC 21 21:35:16.9-0.4, 0.03N-32.57W, h0km, mb3.9/10, mblmp4.0/11, ML4.0/1, MS3.6/57, Error ellipse: s-maj=27.3km s-min=20.0km az=136.0 NEIC 21 21:35:20.0-1.8, 3.9N-0.1, 32.5W-0.1, h10km, 1km, mb4.5/85, Error ellipse: s-maj=20.3km s-min=14.5km az=137.0 ISC 21 21:35:20.4-0.4, 3.77N-0.07-32.44W-0.08, h19km, n159, a115/106, mb4.4/52, MS3.6/57, Central Mid-Atlantic Ridge

Main table of station data for the left column, including stations like RCBR Riachuelo, RCBR Riachuelo, RCBR Riachuelo, etc.

Main table of station data for the middle column, including stations like SCHQ Schefferville, PRED Cave del Predi, SCPE Santa Cesarea, etc.

Main table of station data for the right column, including stations like O20A Khabaz, LPIG La Paz, GNOI Garni, etc.

AEIC 21 21:38:48.0-8.5, 54.36N-0.07-170.80W-0.08, h27km, 8km, ML3.3/30, ML3.5/6(NEIC), Error ellipse: s-maj=10.3km s-min=7.0km az=173.0 NEIC 21 21:38:48.2-1.4, 54.39N-0.06-170.84W-0.08, h35km, 2km, Error ellipse: s-maj=11.6km s-min=4.6km az=142.0 IDC 21 21:38:49.1-23.0, 53.81N-169.72W, h177km, 121km, mb3.1/4, mblmp3.7/6, Error ellipse: s-maj=228.4km s-min=51.7km az=171.7m

Main table of station data for the right column, including stations like Code Station Name, Az, Phase ID, Time, Res. Includes stations like CLES Cleveland East, CLES Cleveland East, etc.

NOU 21 21:40:32.5, 15.10S-167.73E, h109km, MLV4.4/9, Vanuatu Islands, Vanuatu Islands DVP Devils Point, DVC Niropi Plateau, DZM Mont Dumac, NOUC Port Laguerre, OUCEN Ouan Island, N NEIC 21 21:49:01.5-0.9, 3.04S-0.08-177.8W-0.2, h67km, 10km, mb4.4/10, Error ellipse: s-maj=24.4km s-min=8.8km IDC 21 21:49:02.7-4.2, 29.60S-178.41W, h56km, 46km, mb3.7/3, mblmp3.9/3, Error ellipse: s-maj=71.3km s-min=33.4km az=176.0 ISC 21 21:49:00.8-1.0, 30.10S-0.08-178.0W-0.2, h50km, n265, a126/25, mb4.3/8, Kermadec Islands

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NNS Nan Shan, WHYT Xinyi Township, TYC Yuchr, etc.

2016 JUL

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SGST Jiashian, SNST Tainan City, WRL Guolierlin Hig, etc.

21d 22h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JOGS Gusukube, ZPLA Ao Xicun, SXFK Yanhouchang, etc.

Q23K	Midleton Isla	3.37	85	P	Pn	22 39 57.9	-0.5
MID	Midleton Isla	3.37	85	IAML	Pn	22 40 39.0	-0.7
CUT	Chulifna	3.39	21	IAML	Pn	22 40 46.3	
CUT	Chulifna	3.39	21	IAML	Pn	22 40 49.0	
CUT	Chulifna	3.39	21	Pn	Pn	22 39 58.8	+0.2
SML	Sawmill	3.40	40	IAML	Pn	22 39 58.5	-0.3
SML	Sawmill	3.40	40	Pn	Pn	22 39 58.5	-0.3
HIN	Hinchinbrook I	3.43	68	IAML	Pn	22 39 58.5	-0.8
HIN	Hinchinbrook I	3.43	68	IAML	Pn	22 40 39.4	
FID	Port Fidalgo	3.55	63	IAML	Pn	22 40 00.0	-0.9
M23K	Glacier View	3.59	43	Pn	Pn	22 40 01.1	-0.3
M23K	Glacier View	3.59	43	Pn	Pn	22 40 01.3	-0.2
JPK	Jack Peak	3.62	58	Pn	Pn	22 40 01.0	-0.9
PPLA	Purkeypile	3.64	5	Pn	Pn	22 40 02.3	+0.1
PPLA	Purkeypile	3.64	5	Pn	Pn	22 40 02.7	+0.5
SCM	Sheep Creek Mo	3.76	45	IAML	Pn	22 40 03.2	-0.6
SCM	Sheep Creek Mo	3.76	45	IAML	Pn	22 40 48.6	
SCM	Sheep Creek Mo	3.76	45	Pn	Pn	22 40 49.7	
CHIR	Chirikof Islan	3.77	204	Pn	Pn	22 40 02.3	-1.5
CHIR	Chirikof Islan	3.77	204	Pn	Pn	22 40 02.8	-1.0
EYAK	Cordova Ski Ar	3.83	68	Pn	Pn	22 40 03.6	-0.9
EYAK	Cordova Ski Ar	3.83	68	Pn	Pn	22 40 03.7	-0.9
TT01	Tatalina	3.93	339	Pn	Pn	22 40 05.8	-0.2
TTA	Tatalina	3.95	339	Pn	Pn	22 40 05.9	-0.4
DIV	Divide	4.02	60	Pn	Pn	22 40 06.5	-0.8
WAT7	Susitna Watana	4.07	27	Pn	Pn	22 40 07.7	-0.4
KLU	Klutina	4.12	55	Pn	Pn	22 40 07.8	-0.8
KLU	Klutina	4.12	55	Pn	Pn	22 40 08.0	-0.6
K20K	Telida	4.12	353	Pn	Pn	22 40 08.8	+0.2
K20K	Telida	4.12	353	Pn	Pn	22 40 08.8	+0.2
WAT1	Susitna Watana	4.14	29	Pn	Pn	22 40 08.7	-0.2
WAT6	Susitna Watana	4.16	35	Pn	Pn	22 40 08.8	-0.5
WAT6	Susitna Watana	4.16	35	Pn	Pn	22 40 08.8	-0.5
CAST	Castle Rocks	4.17	5	Pn	Pn	22 40 10.2	+1.0
CAST	Castle Rocks	4.17	5	IAML	Pn	22 41 18.4	
CHGN	Chignik	4.20	227	Pn	Pn	22 40 09.7	+0.1
CHGN	Chignik	4.20	227	IAML	Pn	22 40 57.5	
CHGN	Chignik	4.20	227	IAML	Pn	22 41 30.6	
RAGM	Ragged Moutai	4.31	72	Pn	Pn	22 40 10.5	-0.6
RAGM	Ragged Moutai	4.31	72	IAML	Pn	22 41 03.7	
GOAT	Goat Mountain	4.32	69	Pn	Pn	22 40 10.8	-0.5
M24K	Tolsona, Glenn	4.36	47	Pn	Pn	22 40 11.8	0.0
M24K	Tolsona, Glenn	4.36	47	Pn	Pn	22 40 11.8	0.0
TRF	Thorfare Moun	4.36	16	IAML	Pn	22 40 13.0	+0.9
TRF	Thorfare Moun	4.36	16	IAML	Pn	22 41 04.6	
TRF	Thorfare Moun	4.36	16	IAML	Pn	22 41 43.8	
KAIM	Kayak Island	4.37	78	IAML	Pn	22 40 12.1	+0.1
KAIM	Kayak Island	4.37	78	IAML	Pn	22 41 07.4	
KAIM	Kayak Island	4.37	78	IAML	Pn	22 41 16.0	
KAIM	Kayak Island	4.37	78	Pn	Pn	22 40 11.9	0.0
KTH	Kantishna Hill	4.39	12	Pn	Pn	22 40 13.2	+0.9
KTH	Kantishna Hill	4.39	12	IAML	Pn	22 41 07.5	
KTH	Kantishna Hill	4.39	12	IAML	Pn	22 41 42.2	
BMRM	Bremner River	4.49	64	Pn	Pn	22 40 13.5	-0.1
BMRM	Bremner River	4.49	64	IAML	Pn	22 41 04.4	
BMRM	Bremner River	4.49	64	IAML	Pn	22 41 05.5	
BMRM	Bremner River	4.49	64	Pn	Pn	22 40 13.0	-0.6
HMT	Hamilton	4.50	73	Pn	Pn	22 40 12.9	-0.8
RND	Reindeer	4.52	24	Pn	Pn	22 40 14.5	-0.2
RND	Reindeer	4.52	24	IAML	Pn	22 41 08.5	
CHUM	Chitina, Valde	4.62	3	Pn	Pn	22 40 16.1	+0.8
DHY	Denali Highway	4.65	33	IAML	Pn	22 41 09.2	
DHY	Denali Highway	4.65	33	IAML	Pn	22 41 10.0	
DHY	Denali Highway	4.65	33	Pn	Pn	22 40 15.6	-0.3
SUCK	Suckling Hills	4.70	76	Pn	Pn	22 40 16.1	-0.4
SUCK	Suckling Hills	4.70	76	IAML	Pn	22 41 01.7	
SUCK	Suckling Hills	4.70	76	IAML	Pn	22 41 44.3	
N25K	Chitina, Valde	4.73	57	Pn	Pn	22 40 16.6	-0.4
N25K	Chitina, Valde	4.73	57	IAML	Pn	22 41 11.3	
N25K	Chitina, Valde	4.73	57	Pn	Pn	22 40 16.6	-0.4
BERG	Berg Lake	4.78	73	Pn	Pn	22 40 17.2	-0.4
MCK	McKinley	4.85	21	Pn	Pn	22 40 18.5	0.0
MCK	McKinley	4.85	21	IAML	Pn	22 41 16.6	
MCK	McKinley	4.85	21	Pn	Pn	22 41 17.0	
MCK	McKinley	4.85	21	Pn	Pn	22 40 18.5	0.0
BPAW	Bear Paw Mtn.	4.92	10	Pn	Pn	22 40 20.0	+0.6
BPAW	Bear Paw Mtn.	4.92	10	Pn	Pn	22 40 19.5	+0.1
J20K	Nowinta River	4.94	354	Pn	Pn	22 40 19.8	+0.2
J20K	Nowinta River	4.94	354	Pn	Pn	22 40 19.7	0.0
GLB	Gilahina Butte	5.01	61	IAML	Pn	22 41 15.4	
GLB	Gilahina Butte	5.01	61	IAML	Pn	22 41 16.5	
VRDI	Verde Repeater	5.10	64	IAML	Pn	22 41 18.7	
VRDI	Verde Repeater	5.10	64	IAML	Pn	22 41 20.6	
CRQM	Cirque	5.12	69	IAML	Pn	22 41 19.0	
CRQM	Cirque	5.12	69	IAML	Pn	22 41 20.9	
CRQE	Cirque	5.15	69	Pn	Pn	22 40 21.9	-0.7
BWN	Brown	5.17	17	Pn	Pn	22 40 22.5	-0.3
BWN	Brown	5.17	17	IAML	Pn	22 42 03.0	
BWN	Brown	5.17	17	IAML	Pn	22 42 11.0	
SNH	Sunshine Point	5.18	76	Pn	Pn	22 40 22.5	-0.5
SNH	Sunshine Point	5.18	76	IAML	Pn	22 41 20.8	
WAX	Waxell Ridge	5.21	73	Pn	Pn	22 40 23.4	0.0
TGL	Tana Glacier	5.27	69	Pn	Pn	22 40 24.1	-0.2
TGL	Tana Glacier	5.27	69	IAML	Pn	22 41 23.4	
TGL	Tana Glacier	5.27	69	IAML	Pn	22 41 24.8	

MCARA	McCarthy VSAT	5.35	63	Pn	Pn	22 40 25.8	+0.5
MCARA	McCarthy VSAT	5.35	63	Pn	Pn	22 40 25.2	0.0
ISLE	Juniper Island	5.48	72	Pn	Pn	22 40 27.6	+0.4
MESA	MESA	5.62	76	Pn	Pn	22 40 28.9	-0.2
MESA	MESA	5.62	76	Pn	Pn	22 40 28.6	-0.5
NEA2	Nenana	5.62	17	Pn	Pn	22 40 28.2	-0.8
K24K	Donnelly Dome	5.67	34	Pn	Pn	22 40 30.0	+0.3
SDPT	Sand Point	5.69	229	Pn	Pn	22 40 28.9	-0.9
CNBA	Chernabura Isl	5.77	229	Pn	Pn	22 40 31.2	+0.2
M26K	Nabesna, AK	5.77	53	Pn	Pn	22 40 31.2	+0.2
MLY	Manley	5.85	9	Pn	Pn	22 40 32.4	+0.3
HDA	Harding Lake	5.86	26	Pn	Pn	22 40 31.7	-0.6
RIDG	Independent Ri	5.90	37	Pn	Pn	22 40 32.8	0.0
I21K	Tanana	5.93	4	Pn	Pn	22 40 33.5	+0.3
CTG	Chitna Glacier	6.03	69	Pn	Pn	22 40 34.8	+0.1
COLA	CIGO, UAF Yank	6.09	21	Pn	Pn	22 40 34.9	-0.3
COLA	CIGO, UAF Yank	6.09	21	Pn	Pn	22 40 34.5	-0.7
COLA	College	6.09	21	Pn	Pn	22 40 34.5	-0.8
COLA	College	6.09	21	Pn	Pn	22 40 34.7	-0.6
DOT	Dot Lake	6.09	40	Pn	Pn	22 40 36.5	+1.1
I23K	Minto, Yukon-K	6.11	14	Pn	Pn	22 40 35.3	-0.3
LOGN	Logan Glacier	6.17	70	Pn	Pn	22 40 36.9	+0.4
ILAR	Eielson Array	6.19	25	Pn	Pn	22 40 35.4	-1.3
ILAR	Eielson Array	6.19	25	Pn	Pn	22 41 42.9	-3.0
M27K	Edge Creek, AK	6.22	56	Pn	Pn	22 40 36.9	-0.2
M27K	Edge Creek, AK	6.22	56	Pn	Pn	22 40 37.0	-0.2
SCRK	Sand Creek	6.34	38	Pn	Pn	22 40 38.1	-0.8
SCRK	Sand Creek	6.34	38	Pn	Pn	22 40 38.6	-0.3
POKR	Poker Plat Res	6.39	21	Pn	Pn	22 40 38.9	-0.5
POKR	Poker Plat Res	6.39	21	Pn	Pn	22 40 39.1	-0.3
H21K	Melozitna Rive	6.42	0	Pn	Pn	22 40 39.3	-0.1
J25K	Salcha River	6.42	30	Pn	Pn	22 40 39.9	0.0
J25K	Salcha River	6.42	30	Pn	Pn	22 40 39.2	-0.7
PCA	Pinnacle	6.46	77	Pn	Pn	22 40 41.0	+0.5
PINM	Pinnacle	6.47	77	Pn	Pn	22 40 40.1	-0.5
O28M	Mount Upton	6.55	71	Pn	Pn	22 40 42.0	+0.1
BCAR	Beaver Creek A	6.58	50	Pn	Pn	22 40 42.9	+0.8
YU2K	Moose Creek	6.64	63	Pn	Pn	22 40 42.7	-0.3
H22K	Ishitina Cre	6.67	5	Pn	Pn	22 40 43.8	+0.6
IMAR	Indian Mountai	6.73	357	Pn	Pn	22 40 44.6	+0.6
H23K	Yukon River	6.74	12	Pn	Pn	22 40 43.8	-0.4
BCPM	Sanco Point	6.78	79	Pn	Pn	22 40 45.8	+1.1
J26K	Joseph Creek	6.84	36	Pn	Pn	22 40 45.2	-0.4
P24K	Peninsula	6.90	81	Pn	Pn	22 40 45.9	-0.5
H24K	Noodor Dome	6.97	17	Pn	Pn	22 40 46.9	-0.5
G21K	Allakaket	7.26	358	Pn	Pn	22 40 51.6	+0.3
YUK4	Talbot Arm	7.38	68	Pn	Pn	22 40 54.4	+1.2
YUK6	Outpost Mounta	7.46	71	Pn	Pn	22 40 53.1	-1.1
I26K	Coal Creek Min	7.55	33	Pn	Pn	22 40 55.1	-0.2
G23K	Bananza Creek	7.57	9	Pn	Pn	22 40 55.4	-0.1
P29M	Windy Craggy	7.75	81	Pn	Pn	22 40 57.5	-0.4
G24K	Hadweenciz Riv	7.84	16	Pn	Pn	22 40 58.3	-0.8
HYT	Haines Junctio	7.87	72	Pn	Pn	22 41 00.7	+1.0
HYT	Haines Junctio	7.87	72	Pn	Pn	22 40 59.8	+0.1
F21K	Alatna River	7.97	358	Pn	Pn	22 41 01.5	+0.6
COLD	Coldfoot	8.06	8	Pn	Pn	22 41 02.5	+0.3
COLD	Coldfoot	8.06	8	Pn	Pn	22 41 02.3	+0.2
G25K	Bearman Lake	8.11	20	Pn	Pn	22 41 02.5	-0.3
P30M	Million Dollar	8.12	77	Pn	Pn	22 41 04.3	+1.3
N30M	Aishikik Lake	8.14	68	Pn	Pn	22 41 03.2	-0.2
F22K	John River	8.26	2	Pn	Pn	22 41 05.8	+0.9
PLBC	Pleasant Camp	8.46	82	Pn	Pn	22 41 08.0	+0.5
M30M	Minto, Yukon	8.51	60	Pn	Pn	22 41 08.5	+0.1
M30M	Minto, Yukon	8.51	60	Pn	Pn	22 41 08.4	+0.1
O30N	Mendhall	8.56	73	Pn	Pn	22 41 09.9	+0.9
F24K	Squaw Lake	8.56	13	Pn	Pn	22 41 08.3	-0.6
N31M	Græbrun, Yuko	8.77	68	Pn	Pn	22 41 11.8	0.0
E22K	Anaktuvuk Pass	8.89	3	Pn	Pn	22 41 14.1	+0.6
BMAR	Burnt Mountain	8.98	21	Pn	Pn	22 41 13.8	-0.8
SKAC	Skagway	8.98	81	Pn	Pn	22 41 14.5	-0.2
E24K	Your Creek	9.04	11	Pn	Pn	22 41 15.5	+0.1
I29M	Ogilvie Camp,	9.11	42	Pn	Pn	22 41 17.1	+0.7
WHY	Whitehorse	9.15	74	Pn	Pn	22 41 18.3	+1.2
WHY	Whitehorse	9.15	74	Pn	Pn	22 41 17.3	+0.2
F26K	Sheenjek River	9.29	21	Pn	Pn	22 41 18.9	0.0
TNA	Tin City	9.36	319	Pn	Pn	22 41 21.1	+1.9
BESE	Besse Mountain	9.57	87	Pn	Pn	22 41 21.1	+1.1
TOLK	Toolik Lake Re	9.57	70	Pn	Pn	22 41 21.9	+0.1
M31M							

21d 23h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Includes entries like K04D Chiloquin, OR, 2.50 39, Pn, 23 09 44.9 +0.6.

2016 JUL

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Includes entries like PMPB comp=E,322nm,1.9s, 5.34 11 Pn, 23 10 24.1 +1.0.

1150

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Includes entries like H17A Grant Village, 10.49 65 P, 23 11 34.2 +0.2.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Clayton, Jarrell, Ely, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Hagfors, FINES, LPAZ, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IGLI, SFS, MDD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like KSP, VRI, NIE, CRVS, CLL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like FIER, VLO, SRN, SRN, KBN, KBN, LSK, LSK, SCTE, SCTE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like KEF3, KEF3, KEF4, KEF4, ARG, ARG, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like DST, AYDB, ZYL, KUZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like CO01, VAO3, LAMEL, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like DAVOX, RETA, DAVA, etc.

LDG 22 03:57:29.3±0.1, 38°85N, 14°82E, h322km, M12.8/8, Error ellipse: s-maj=4.0km s-min=2.5km az=84.0

ROM 22 03:57:29.0±0.3, 38°80N, 14°84E, h320km, 2km, M13.2/33, Error ellipse: s-maj=2.7km s-min=1.1km az=121.0

ISC 22 03:57:29.2±2.4, 39°10N, 14°62E, h336km, 23km, mb3.0/8, mbmp3.7/13, Error ellipse: s-maj=38.1km s-min=17.7km az=32.0

ISC 22 03:57:29.6±0.7, 38°84N, 14°85E, h319km, 7km, n101, c13/113, mb3.4/7, 2C-12D, Sicily

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like IST3, IFIL, LLI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like CET2, CAR1, SOI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like MBDF, SMRF, FETA, etc.

IDC 22 04:01:53.0±0.8, 3°83N, 128°20E, h0km, mb4.2/10, mbmp4.2/10, MS3.3/8, Error ellipse: s-maj=58.1km s-min=15.5km az=73.0

DJA 22 04:01:55.4±4.2, 4°N, 24°W, 128°E, 3°3', h10km, M4.4/2, M14.4/2

NEIC 22 04:02:03.4±1.3, 3°62N, 109°127E, h0E, 0.2', h85km, 10km, mb4.5/16, Error ellipse: s-maj=26.8km s-min=7.8km az=65.0

ISC 22 04:02:04.2±0.6, 3°54N, 105°127E, h0.1', h100km, M47, c2303/41, mb4.4/17, 4C, Talud Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like SSGI, TNTI, etc.

22d 5h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KIRV Kirov, H2K1 Hanina, MLY Manley, etc.

IDC 22 04:02:39.7, 2.9, 31.31S:68.60W, h93km, 26km, mb3.5/3, mbtmp3.7/6, MS2.7/1, Error ellipse: s-maj=47.8km s-min=19.6km az=95.0

GUC 22 04:02:40.5, 0.9, 31.31S:68.98W, h143km, 13km, ML3.6

ISC 22 04:02:41.5, 1.2, 31.33S:0.05:68.8W:0.1, h115km, 13km, n27, r13/36, mb3.7/3, 4C-1D, San Juan Province

Main station list table for 22d 5h, including stations like CO03 El Pedregal, CO01 Juntas del Tor, CO02 Combarbal, etc.

ANF 22 04:33:23.6, 0.3, 33.03N:115.81W, h8km, 3km, ML2.4/12, Error ellipse: s-maj=2.0km s-min=1.7km az=142.0

ECX 22 04:33:25.1, 0.6, 33.00N:115.81W, h9km, 1km, MD2.4, ML2.6

ISC 22 04:33:24.1-1.0, 33.02N:0.02:115.81W:0.02, h9km, 6km, n33, r05/52/48, 11C-8D, Southern California

Main station list table for ANF, ECX, and ISC sections, including stations like SWSC Sam W. Stewart, COK2 Cook Ranch 2, etc.

2016 JUL

Main station list table for 2016 JUL, including stations like MATG Cerro Prieto, TPFO Pinon Flats, BAR Barrett, etc.

NNC 22 04:38:02.3, 0.4, 45.57N:80.53E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=6.7km s-min=2.6km az=124.0

SOME 22 04:38:04.4, 45.50N:80.45E, h15km, ISC 22 04:38:02.0-0.8, 45.58N:0.03:80.32E:0.03, h10km, n47, r155/74, 11C-6D, Kazakhstan-Xinjiang border region

Main station list table for NNC, SOME, and ISC sections, including stations like DJR Jarkent, DJR Jarkent, DJR Jarkent, etc.

1156

Main station list table for 1156, including stations like KUU 1.6nm, 0.1s, MDOK Medeo, MDOK Medeo, MDOK Medeo, etc.

IDC 22 04:45:02.6, 3.5, 29.27S:61.11E, h0km, mb3.6/3, mbtmp3.8/4, ML4.2/1, MS3.1/5, Error ellipse: s-maj=137.5km s-min=35.5km az=39.0, Southwest Indian Ridge

Main station list table for IDC section, including stations like OPO Amohidratompo, H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

NOU 22 04:45:49.9, 17.34S:168.27E, h40km, MLv3.8/12, Vanuatu Islands, Vanuatu Islands

Main station list table for NOU section, including stations like DVP Devils Point, RTV Rentapao, YATNC Mamie plateau, etc.

IDC 22 05:18:38.9, 1.6, 23.17S:114.64W, h0km, mb3.7/4, mbtmp3.7/4, MS3.7/23, Error ellipse: s-maj=51.3km s-min=40.7km az=50.0

ISC 22 05:18:38.9, 1.7, 23.45S:0.3:114.8W:0.3, h10km, n39, r19/20, mb3.8/4, MS3.7/24, Easter Island region

Main station list table for ISC section, including stations like RPN Rapa Nui, TAOE Nuku Hiva Isla, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Juan Fernandez, Papeete, Nana, Atahualpa, etc.

ROM 22 05:19:24.1±0.5, 42.42N±0.03±15.29E±0.03, h10km, ML2.6/7, Error ellipse: s-maj=3.9km s-min=1.3km az=35.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Isolo Tremiti, Melanico, San Giovanni R, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Pratonelli dei, VIVA, NOCI, etc.

GUC 22 05:21:57.2±0.8, 32.80S±0.04±70.17W±0.07, h107km±6km, n33, ±0.97/48, mb3.1/3, 6C-3D, Chile-Argentina border

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like San Esteban, Farellones, Peldehue, etc.

IDC 22 05:23:33.4±3.4, 5.86N±125.28E, h145km±45km, mb3.3/4, mbtmp3.6/4, Error ellipse: s-maj=147.0km s-min=17.6km

MAN 22 05:23:36.6±18N±125.92E, h129km, Ms3.2, ISC 22 05:23:38.0±9.6, 0.04N±125.89E±0.08, h153km±7km, n16, ±15/17/24, mb3.6/4, 5C-4D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Don Marcelino, General Santos, Mati, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Stephens Creek, Makanchi Arr, Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSPA, FINESS Array B, WUPA, AKASG, etc.

IGQ 22:06:31.20.7.1.0.14S:80.41W, h0km, mb3.6/7, mbmp3.7/7, MS3.1/7, Error ellipse: s-maj=47.4km, s-min=20.9km az=57.0

IGQ 22:06:31.21.0.4.0.3.S:3.8*1W, h10km

NEIC 22:06:31.29.1.9.1.0.28S:0.06:80.23W:0.08, h34km, mb4.3/14, Error ellipse: s-maj=12.2km s-min=8.6km az=93.0

VAO 22:06:31.29.9.1.4.0.24S:79.67W, h10km, mb4.2

ISC 22:06:31.24.5.0.7.0.30S:0.04:80.44W:0.04, h16km, km, n124, s1966/121, mb3.9/11, MS3.1/4, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CABP, JAMA, FLFI, ISPT, etc.

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

ITOB Itaquí, SDBA SAO DESIDERIO, ITAB Concordia, PLCA Paso Flores

ANMO Albuquerque, NBLA Lagarto - SE, NBAN Anadia - AL, NVAR Mina Array Bea

BORG Borgarnes, ESCD Sonseca Array, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea

JMRC Jan Mayen, WRA Warramunga Arr

NNC 22:06:36:37.9.1.7.5.41N:86.72E, h0km, mb2.6, mpv2.5, Error ellipse: s-maj=29.2km s-min=8.8km az=175.0

ISC 22:06:36:41.2.2.7.53:94N:86.55E, h0km, mbmp3.1/2, ML2.8/2, Error ellipse: s-maj=22.9km s-min=13.4km az=59.0

ISC 22:06:36:41.3.1.8.53:03N:0.06:80.5E:0.2, h0km, n8, s024/7, 4C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU, ZAAO, ZAAO, ZALV, etc.

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

IDC 22:07:40:0.0.2.9.10:48S:111:62E, h0km, mb3.5/4, mbmp3.5/4, MS3.5/4, Error ellipse: s-maj=121.3km s-min=26.0km az=49.0

DJA 22:07:40:15.0.0.6.9.S:8:11:3E, h10km, M3.9/10, MLV3.9/10

ISC 22:07:41:1.3.1.2.9:55S:0.11:133.04E:0.06, h35km, n20, s2863/14, mb3.5/4, MS3.5/4, South of Jawa

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

IDC 22:08:03:49.8.1.6.1.7:52S:178:71W, h526km, 21km, mb4.0/5, mbmp4.9/7, Error ellipse: s-maj=78.2km s-min=18.2km az=140.0

NEIC 22:08:03:50.7.1.6.17:55S:0.2:178.75W:0.04, h529km, 15km, mb4.6/27, Error ellipse: s-maj=30.6km s-min=4.6km az=174.0

NOU 22:08:05:56.9.17:70S:179:22W, h557km, mb4.4/25, Fiji Islands Region

ISC 22:08:51:5.0.6.17:45S:0.1:178:67W:0.09, h547km, n66, s1942/68, mb4.5/14, Fiji Islands Region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, AF1, MARNC, etc.

URZ Urewera, URZ Urewera

ARMA Armidale, ARMA Armidale

ARMA Armidale, MCGD Mangrove Creek, CTA Charters Tower, CTAO Charters Tower

CTAO Charters Tower, CNB Canberra Magna, CAN Canberra

CMSC Cobar Meteorol, COEN Coen

COEN Coen, TOO Toolangi, TOO Toolangi

TAU Tasmania Univ, STKA Stephens Creek

STKA Stephens Creek, INKA Innamika, QIS Mount Isa, ARPS Mount Arapiles, BBOO Buckleboon

WRO Warramunga Arr, WRO Warramunga Arr

22d 9h

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time. Rows include WRAB Tennant Creek, WRA Warrungarra Arr, AS31 Alice Springs, ASAR Alice Springs, FORT Forrest, FORT Kunurra, FITZ Fitzroy Crossi, PSAA0 Pilbara Seismi, MBWA Marble Bar, MORW Morawa, VNDV Vanda, G279 Giralia, CASY Casey, BELA Belgrano 2, CMAR Chiang Mai Arr, GERES GERESS Array B.

IDC 22 08:04:02.0..2.7.53.65N-86.92E.h0km,mbmtmp2.9/2, ML2.6/2, Error ellipse: s-maj=26.2km s-min=14.8km az=70.0,Southwestern Siberia

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time. Rows include I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 1.8nm,0.3s, KURBB Kurchatov Arr, MKAR Makanchi Array, MKAR 0.2nm,0.3s, MKAR 0.2nm,0.3s.

KRNET 22 08:06:55.5..0.1,40.77N:71.22E,mb2.9 ISC 22 08:06:55.8..1.1,40.75N:0.06:71.15E:0.06,h15km,n5, c1579/10,8C,Tajikistan

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time. Rows include OHH Osh, GAR Garm, KAR31 Karatay Array, ARLS ARLS, UCH Uchtor, UCH Uchtor.

IDC 22 08:57:43.3..2.2.5.95S:130.00E.h0km,mb4.2/1, mbtmp4.1/3,ML4.2/2,MS3.2/1, Error ellipse: s-maj=132.4km s-min=28.8km az=70.0

DJA 22 08:57:49.3..0.3.6.5S:3.3.13.7E+:h0km,12km, M4.2/10, mb4.2/7, mb5.2/1, MLv4.2/10, Mw(mb)4.7/1

ISC 22 08:57:51.5..0.7.5.58S:0.06:131.01E:0.06,h100km,n22, c2516/24,Banda Sea

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time. Rows include BNDI Bandanaira, BNDI Bandanaira, FAKI Fak Fak, FAKI Fak Fak, MSAI Masohi, AAI AAI, SWS Sorong, LBMI Labuha, KDU Kakadu, MTN Manton Dam, KNRA Kunurra, COEN Coen, WRA Warrungarra Arr, QIS Mount Isa, ASAR Alice Springs, ASAR Mount Isa, ASAR Alice Springs, KKM Kota Kinabalu, WRAK Warangka, OOD Oodnadatta, MULG Mulgathing, STKA Stephens Creek, GHSS Government Hou, MKAR Makanchi Array.

NAO 22 08:59:35.5..0.6.67.85N:20.45E,ML3.4

IDC 22 08:59:35.5..0.6.67.84N:20.52E,h0km,mb3.6/6, mbtmp3.6/12,ML3.2/6,MS2.6/2, Error ellipse: s-maj=11.7km s-min=5.6km az=117.0

DNK 22 08:59:35.5..0.4.67.83N:20.20E,h0km,ML3.2(UPP), Suspected explosion

HEL 22 08:59:35.8..0.0.67.84N:20.21E,h1km,ML3.0, ML3.2(UPP), Confirmed Induced event

KOLA 22 08:59:36.0.67.84N:20.27E,h0km,ML3.0

BER 22 08:59:37.5..3.8.67.82N:20.49E,h1km,ML2.8, Confirmed Induced event

ISC 22 08:59:34.5..0.5.67.77N:0.02:20.33E:0.02,h0km,n78, c1518/130,mb3.7/5,22D,Sweden

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time. Rows include KUA Kuruvaara.

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Main station data table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time. Rows include KUA Laukkulupa, RATU Laukkulupa, KOUVU Salmi, KOUVU Salmi, NIKU Nikkaluokta, NIKU Nikkaluokta, NIKU Nikkaluokta, DUNDRETT, DUNDRETT, DUNDRETT, LANU Lannavaara, LANU Lannavaara, MASU Masugnsbyn, MASU Masugnsbyn, SALU Saitoluokta, SALU Saitoluokta, SALU Saitoluokta, KIF Kilpisjarvi, KIF Kilpisjarvi, KIF Kilpisjarvi, PAJU Pajala, PAJU Pajala, HEF Hetta, HEF Hetta, HEF Hetta, ERTU Ertisaerv, ERTU Ertisaerv, KOLF Kolari, KOLF Kolari, KTKI Kautokeino, KTKI Kautokeino, JETT Jetta, Norway, STEI Steigen, STEI Steigen, STEI Steigen, TRO Tromso, TRO Tromso, TRO Tromso, RNF Rovaniemi, LOF Lofoten, ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S, ARCES ARCES Array B, ARCES ARCES Array B, MORR Moi Rana, MORR Moi Rana, MORR Moi Rana, KONS Konsvik, KONS Konsvik, HAMF Hammerfest, HAMF Hammerfest, KEV Kevo, OUL Oulu, PRVG Yabda Guba, APAO Apatity Array, APAO Apatity Array, APAO Apatity Array, APAO Apatity Array, APAO Apatity Array, TERF Teriberka, FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array B, FIAO FINESS Array B, FIAO FINESS Array B, NB2 NORARS Subarra, NB2 NORARS Subarra, NB2 NORARS Subarra.

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Main station data table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time. Rows include NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NRAO NORESS Array S, NRAO NORESS Array S, NRAO NORESS Array S, HFS Hagfors, HFS Hagfors, HFS Hagfors, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, KLMR Klimovskoe, KLMR Klimovskoe, KLMR Klimovskoe, AKASO Malin Array Be, BELG Belogomoye, ARU Art Pleasant, ARU Art Pleasant, AKTO Aktyubinsk, MKAR Makanchi Array, ILAR Eielson Array, TORD Torodi Ar. Bea, TXAR Lajillas Array, TUL 22 09:01:22.2..1.1.35.942N:0.010:97.406W:0.008, h6km,6km,ML2.6,mb_Lg2.5/45(NEIC), Error ellipse: s-maj=6.6km s-min=0.6km az=151.0, NEIC 22 09:01:22.2..1.0.35.95N:0.010:97.41W:0.01,h5km,2km, Error ellipse: s-maj=3.0km s-min=1.8km az=167.0, Oklahoma

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WHAR Woolly Hollow, FCAR Ozark Folk Cen, R40A Maddies Statio, etc.

NEIC 22 09:02:31.1±2.1, 23°45'0.1"±175.55W±0.05, h10km±1km, mb4.6/15, Error ellipse: s-maj=20.3km s-min=6.2km az=342.0

IDC 22 09:02:33.0±1.1, 23°45'±176°15'W, h0km, mb3.9/5, mbtmp4.0/6, ML4.9/1, MS3.5/13, Error ellipse: s-maj=40.6km s-min=25.4km az=140.0

ISC 22 09:02:34.6±0.9, 23.28S±0.1°±176.0W±0.2, h10km, n49, r106±23, mb4.5/14, MS3.5/11, South of Fiji Islands

Main table of station data for the left column, including stations like NIUE Niue, MSVF Nonsavu, AFI Afiamalu, etc.

s-min=16.3km az=57.0 NEIC 22 09:02:58.0±2.5, 72°71'N±0.07±74.9W±0.3, h15km±5km, Error ellipse: s-maj=11.6km s-min=9.0km az=62.0

OTT 22 09:02:59.3±0.1, 72°72'N±0.07±74.8W±0.3, h18km, MN4.2/9, 104km Cen from Pond Inlet, Nu Eastern Arctic Background Seismic Zone.

ISC 22 09:02:56.8±0.5, 72.72°N±0.05±74.67W±0.05, h10km, n53, c275/62, mb4.0/10, Baffin Island region

Main table of station data for the middle column, including stations like CLRN Clyde River, TULEG Thule, UPNV Upernavik, etc.

comp=Z,24nm,21.4s,baz=118,slow=38 ESDC Sonseca Array 46.92 94 P P 09 11 29.9 +2.8

ZALV Zalesovo Beam 52.83 15 P P 09 12 14.2 +2.5

KVAR Kislovodsk Array 55.89 51 LR LR 09 35 04.8

IDC 22 09:28:01.9±3.0, 22.79S±176°13'W, h0km, mb3.6/4, mbtmp3.6/4, MS3.3/1, Error ellipse: s-maj=235.3km

s-min=27.7km az=159.0, South of Fiji Islands

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

GUC 22 09:36:58.3±0.8, 22°54'S±68°53'W, h117km±3km, ML3.3

NEIC 22 09:36:58.1±1.2, 22°56'S±0.05±68°51'W±0.07, h115km±3km, Error ellipse: s-maj=10.3km s-min=6.3km az=68.0

ISC 22 09:36:58.1±0.9, 22°56'S±0.04±68°53'W±0.06, h113km±7km, n44, c071/63, TC-30, Northern Chile

Main table of station data for the right column, including stations like LVC Limon Verde, AF01 San Pedro de A, PB06 IPOC Station P, etc.

IDC 22 09:02:57.7±1.1, 72°76'N±75°05'W, h0km, mb3.5/5, mbtmp3.7/9, ML3.3/4, MS3.1/4, Error ellipse: s-maj=21.2km

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WESN West Dahl Nort, WECS Westdahl Cape, VNHG Veniaminof 1, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MOT A Moosalm, MOT A Moosalm, SOTA Sankt Quirin, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CNCS Concesio, CNCS Concesio, MYKA Terra Mystica, 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, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MOT A Moosalm, SOTA Sankt Quirin, WATA Walderalm, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MOT A Moosalm, SOTA Sankt Quirin, WATA Walderalm, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like TLOR Topolog, MFR Marfall, CFR Caraliu, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like UBR Ueberbruch, MOSI Grossmontoni, MOSI Grossmontoni, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WATZ Wairara, RATZ Rangitukia, KATZ Kakaramea, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like AKB Malin Array Si, AK16 Malin Array Si, AK17 Malin Array Si, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CTI Castel Tesino, MAMI Malga Bissina, CIMI Cimolais, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WATZ Wairara, RATZ Rangitukia, KATZ Kakaramea, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PMG Port Moresby, 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 ZOU Zouplfan, ZOU Zouplfan, YARN Col Varnada, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WATZ Wairara, RATZ Rangitukia, KATZ Kakaramea, etc.

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22d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res ISC. Includes stations like POWZ Post Office Ro, RIGZ Rimuhau, PRHZ Porangahau, etc.

AUST 22 10:52:07.0:6.0.2:31:13Sx137:88E, h10km, Error ellipse: s-maj=2.3km s-min=0.6km az=70.0

NOU 22 10:52:08.7:32:18S:137:83E, h10km, MLV3.7/10, Near Coast of South Australia

IDD 22 10:52:10.6:5.3.31:53Sx138:14E, h0km, mbtmp2.9/3, ML2.9/3, Error ellipse: s-maj=79.0km s-min=18.1km az=30.0

ISC 22 10:52:06.7:0.8.32:11S:0:04x137:90E:0:04, h10km, n22, az=252:32, Near coast of South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res ISC. Includes stations like WHYH Whyalla, AUJCS Jamestown Cent, HTT Hallett, etc.

JMA 22 10:52:27.1:0.2.23:9N:0:6:122:9E:0:4, h20km, 2km, MV2.8/11, NEAR ISHIGAKIJIWA ISLAND

TAP 22 10:52:27.1.23.98N.122:87E, h16km, ML2.7, D

ISC 22 10:52:26.2:1.3.23:91N:0:04:122:89E:0:02, h15km, 9km, n45, az=55:77, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res ISC. Includes stations like JKRS Wuta, EWUT Wuta, ENAU Nanau, etc.

HEL 22 11:26:35.5:0.2.64:07N:28:13E, h0km, ML1.7, Explosion

ISC 22 11:26:36.7:1.6.63:88N:27:64E, h0km, mbtmp2.5/2, ML1.6/1, Error ellipse: s-maj=37.6km s-min=10.2km az=100.0

ISC 22 11:26:34.5:0.8.63:92N:0:04:28:13E:0:04, h0km, n21, az=152:31, Finland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res ISC. Includes stations like OBF0 Kangasniemi, OBF8 Ulkokalla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res ISC. Includes stations like MOTA Moosalm, SQTA Sankt Quirin, ZUGS Zugspitze, etc.

DAVA Damuels, DAVA Damuels

DAVA Damuels, KOSI Kohlern

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

Table with columns for station name, coordinates, and other data. Includes stations like AGOR, BERNI, PLONS, etc.

Table with columns for station name, coordinates, and other data. Includes stations like BRG, MBDF, WRAC, etc.

Table with columns for station name, coordinates, and other data. Includes stations like QIZ, SSE, DAV, etc.

MOS 22 11:31:41.1±1.0, 19°14'N; 121°27'E, h9km, mb5.0/35, MS4.4/9, Error ellipse: s-maj=8.3km s-min=5.1km az=99.8

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like APYP, APYP, SIPP, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, JTM, PPI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH, PEAOB, PEAOB, etc.

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Table with columns for station name, elevation, frequency, and other parameters. Includes stations like GYA0B ALIBECK ARRAY, WSAR Wadi Sarin, AKTO Aktyubinsk, etc.

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like SII Sitkinak Islan, CHUM Lake Mlnchumin, I21K Tanana, etc.

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like AFI Afiamalu, M23K Glacier View, C27K Jagd River, etc.

Table with columns: PLBC, EUNU, WHYY, FARO, MLR, MLR, C36M, N32M, P32M, SIT, P33M, P33M, DAG, HFS, R33M, NC405, NC405, NB2, NB2, NOA, NOA, CRAIG, GKP, WRAP, DLBC, DLBC, DLBC, RES, JMIC, MORC, MORC, KRLC, DPC, DIVS, KMBO, KMBO, VRAC, VRAC, VRAC, VRAC, BRG, BRG, BRG, BRG, BRG, BRG, CLL, CLL, CLL, CLL, CLL, CKRC, GERES, GERES, RAR, RAR, YKA, DAVOX, VAE, VAE, SENIN, SENIN, EKA, F04D, G03D, B08A, B08A, SFJD, EDM, EDM, EDM, I04A, I04A, PPT, PPT.

Table with columns: PPT2, PPT2, J04D, NEW, L04D, L04D, PINE, J05D, FRB, LSZ, Vnda, Vnda, NVAR, TAOE, PDAR, TORD, TXAR, JCT, TROLL, TROLL, TZTN, VNA1, VNA3, SJCC, ZARC, ZARC, CBOC, SOCV, BARC, NORC, GUCV, SPEC, YOTC, RUSC, CHIC, POPC, PRAC, PRAC, GCUF, GCUF.

IDC 22 11:33:08.7, 1.3, 33:62S:68:78W, h0km, mb3.9/2, mbmp4:0.05, ML4.1/3, MS3.2/2, Error ellipse: s-maj=40.7km s-min=37.7km az=133.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, h m s, Res, h m s, Res, Code, Station Name, Delta, Azimuth, Op, Phase ID, Time Res, h m s, Res, h m s, Res.

Table with columns: BI05, AC04, G003, AC02, TR04, PLCA, PLCA, PLCA, AC01, LL04, G002, PBV5, LVC, LVC, CPUP, CPUP, PB12, PB16, LPAZ, LPAZ, LPAZ, SIV, SNA, SNA, TX31, TX31, TX32, TXAR, TORD, TORD, WRA, KURBB, ZALV.

TAP 22 11:41:13.8, 23:77N:121:68E, h42km, ML2.7, C JMA 22 11:41:13.9, 0.1, 23:77N:0.4x121:7E:0.4, h27km, TAIWAN REGION

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, h m s, Res, h m s, Res, Code, Station Name, Delta, Azimuth, Op, Phase ID, Time Res, h m s, Res, h m s, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRAC Prado, HELC Santa Helena, TAMC Tame, Arauca, PAMC Pampiona, CBOC Ciudad Bolivar, ZARC Zaragoza, PLMC San Jos del P, GUVG San Jose del G, YOTC Yotoco, DBBC Dabeiba, UREC San Jos de Ur, SJCC San Jacinto, C.

JMA 22 13:43:54.2-0.1, 24:4N:0.5-121.9E:0.6, h40km, 2km, MV2.9/11, TAIWAN REGION
TAP 22 13:43:54.5, 24:45N:121.92E, h7km, ML3.4, C
ISC 22 13:43:53.8-0.9, 24:40N:0.02-121.97E:0.02, h11km, 6km, n89, c086/143, 17C-40, Taiwan

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EWUT Wuta, ENA Nanau, EHP Heping Village, TWC Suao, NDS Dongshan, ETL Fush Village, NACB Ninganchiao, ILA ilan, TWE Neicheng, LATG Datong, ENT T Nioudou, EGS Datong Townshi, NDT Datong, NTC Toucheng, TWD Chiawan, ET LH Xiulin Townshi, FUSB Fushanzhiwuyua, NNSH Datong, NNSB Datong, HWA Hwalien, NNS Nan Shan, NNLW Wulai, TIPB Shuangxi, TWB1 Santiao Chiao, YHNB Yeheng, NSK Sanguang, TWA Mucha, FUSS Fushou, NHDH Xindian Distri.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NHDH baz=334, SXII Grass Mountain, WHF Hehuan Shan, WHF Hehuan Shan, TWT Tachien, TWT Tachien, TDCB Techi, TDCB Techi, TAP Taipei, ESL Shilin, CHGB Renai, CHGB Renai, NFF Wufeng Townshi, NFF Wufeng Townshi, YMO1 YMO1, OWD Renai, TWS1 Kuangyinshan, TWS1 Kuangyinshan, ANP Anpu, ANP Anpu, WUSB Renai, WUSB Renai, EGFH Guanggu, EGFH Guanggu, JYNG Danshuijimaku, JYNG Danshuijimaku, NTST Donshui, NTST Donshui, LIOB Emei, LIOB Emei, NCU National Center, NCU National Center, NCU Zhongli, NCU Zhongli, NSTT Nanjuang, NSTT Nanjuang, TWY Chenhua, TWY Chenhua, WHP Taichung City, WHP Taichung City, YOJ Yonaguni jima, YOJ Yonaguni jima, YOB Yonaguni jima, YOB Yonaguni jima, SBCB Hsinchu, SBCB Hsinchu, HSN Hsinchu, HSN Hsinchu, WVDT WVDT, WVDT WVDT, WCS Beigang Elemen, WCS Beigang Elemen, HGSD Ruisui, HGSD Ruisui, EHY Hungye, EHY Hungye, NMLH Miaoli, NMLH Miaoli, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Liyutan, NSY Sanli, NSY Sanli, NSY Sun Moon Lake, NSY Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SSLB Suanglung, SSLB Suanglung, TYC Yuchr, TYC Yuchr, YULB Yu-i, YULB Yu-i, EYU Yul, EYU Yul, TCU Taichung, TCU Taichung, WDJ Dajia District, WDJ Dajia District, PCYT Pengchayiu, PCYT Pengchayiu, WJS Zhushan, WJS Zhushan, WNT Mingjian, WNT Mingjian, WCHZ Zhanguhua, WCHZ Zhanguhua, FULB Fuli, FULB Fuli, ALS Alishan, ALS Alishan, CHNS Tsauling, CHNS Tsauling, ELDTW Lidau, ELDTW Lidau, WDLH Douliu, WDLH Douliu, WRL Guolierlin Hig, WRL Guolierlin Hig, IRIF Iriomote-Funau, IRIF Iriomote-Funau, STYH Taoyuan, STYH Taoyuan, TPUB Ta-pu, TPUB Ta-pu, HATJ Hateruma jima, HATJ Hateruma jima, WSL Shulin Townsh, WSL Shulin Townsh, JKRS Kuro-shima, JKRS Kuro-shima, ICHU Yijhu, ICHU Yijhu, JIJ Ishigaki jima, JIJ Ishigaki jima, JISG Ishigakijimahi, JISG Ishigakijimahi, JTJ Tarama, JTJ Tarama.

HVO 22 13:57:42.6-0.9, 19:41N:0.04-154:84W:0.06, h38km, 2km, ML3.0/26, ML3.0/54(NEIC), Error ellipse: s-maj=9.0km
NEIC 22 13:57:41.4-0.7, 19:42N:0.03-154:89W:0.01, h45km, 2km, Error ellipse: s-maj=4.9km s-min=1.8km az=175.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes Hawaiian Islands section with stations like PHO Puu Honuaula, JOKA Jonika Flow, JUCZ Jacuzzi, JUCZ Jacuzzi, NPOC North of Pu'u, NPOC North of Pu'u, STCH Steam Cracks, STCH Steam Cracks, KNHH Kane Nui o Ham, PUH Pauahi, BYL Byron's Ledge, BYL Byron's Ledge, HATHI Halema'uma'u T, HATHI Halema'uma'u T, KKO Keanakako i, KKO Keanakako i, SBLHI Steaming Bluff, SBLHI Steaming Bluff, RIM Rim, RIM Rim, UWB Uwekahuna B, UWB Uwekahuna B, NPH North Pit, NPH North Pit, RSD Rainshed, RSD Rainshed, OBL Observatory Le, OBL Observatory Le, UWE Uwekahuna, UWE Uwekahuna, SDHHI Sand Hill, SDHHI Sand Hill, WRMH West Rim, WRMH West Rim, HLP Hilina Pali, HLP Hilina Pali, MLH Mauna Loa, MLH Mauna Loa, HTA Hot Caves, HTA Hot Caves, AIN Ainahou, AIN Ainahou, MLOA Mauna Loa Obse, MLOA Mauna Loa Obse, MWH Moku aweowe, MWH Moku aweowe, POHA Petukula, POHA Petukula, KHU Kahuku, KHU Kahuku, HPO Honuapo, HPO Honuapo, ALEP Alea Permanent, ALEP Alea Permanent, HUH Hualalai, HUH Hualalai, KHLU Kahalu'u, KHLU Kahalu'u, CPH Captain Cook, CPH Captain Cook, HPAH Hawaii Prepara, HPAH Hawaii Prepara, HLK Halekalea, HLK Halekalea, KHL Kahului Airpor, KHL Kahului Airpor, KIP Kipapa, KIP Kipapa, KEKH Kekaha, KEKH Kekaha.

NEIC 22 14:03:47.8-1.6, 21:97S:0:05:68:53W:0:06, h123km, 6km, Error ellipse: s-maj=8.1km s-min=7.7km az=71.0
GUC 22 14:03:47.6-0.7, 21:95S:68:38W, h120km, 4km, ML3.7
ISC 22 14:03:47.6-0.8, 21:96S:0:04:68:47W:0:08, h126km, 7km, n34, c095/46, mb4.4/3, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P.

22d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, AF01 San Pedro de A, PB06 IPOC Station P, etc.

IDC 22 14:09:51.8, 1.9, 6.00S, 153.75E, h0km, 18km, mb3.8/7, mbtmp4.2/10, MS3.5/22, Error ellipse: s-maj=17.6km s-min=15.4km az=171.0

NEIC 22 14:09:55.9, 2.7, 6.15S, 0.10x153.8E, 0.1, h88km, 7km, mb4.3/33, Error ellipse: s-maj=17.7km s-min=12.0km az=55.0

ISC 22 14:09:51.5, 0.5, 6.02S, 0.07x153.73E, 0.07, h50km, n66, e141/50, mb4.3/24, MS3.5/21, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), HNR Honiara, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR, SHEM Shemya Is, Adk, SONM, etc.

IDC 22 14:10:19.7, 1.5, 4.12S, 166.74E, h0km, mb4.0/4, mbtmp4.1/5, ML4.3/11, MS3.5/5, Error ellipse: s-maj=50.9km s-min=26.6km az=115.0, Vanuatu Islands

JMA 22 14:22:53.7, 0.1, 24.77N, 0.06x122.3E, 0.3, h30km, 2km, MV2.0/10, TAIWAN REGION

TAP 22 14:22:53.3, 24.78N, 122.22E, h5km, ML2.5, C ISC 22 14:22:50.1, 2.1, 24.88N, 0.03x122.35E, 0.02, h9km, 9km, n56, e070/17, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM, MSVF Nonsavu, RAO Raoul Island, STKA, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWA Mucha, TWA, NWRT Kuosheng, ENA Nanau, etc.

IDC 22 14:36:08.6, 5.8, 16.85N, 100.83W, h0km, mb4.0/4, mbtmp3.9/6, ML3.2/2, MS3.2/2, Error ellipse: s-maj=13.9km s-min=36.8km az=23.0

MEX 22 14:36:12.0, 0.7, 16.67N, 100.85W, h10km, MD4.1 NEIC 22 14:36:13.1, 1.7, 16.77N, 0.09x100.73W, 0.10, h31km, 14km, Error ellipse: s-maj=18.2km s-min=7.0km az=45.0

ISC 22 14:36:10.1, 1.2, 16.82N, 0.09x100.80W, 0.07, h10km, n25, e083/30, mb4.1/6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAIG EI Cayaco, CAIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, CAIG Los Arroyos, DAIG Los Arroyos, etc.

TAP 22 14:40:10.8, 24:64N, 122:39E, h18km, 1km, ML2.5, D
JMA 22 14:40:12.0, 0.0, 24:6N, 0.5, 122:42E, 0.2, h29km, 1km,
MV1.8/10, NW OFF ISHIGAKIJIMA IS

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

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

IDC 22 14:49:21.5, 5.5, 3:09S, 102:61E, h0km, mb3.7/4,
mbmp3.7/4, Error ellipse: s-maj=286.5km s-min=24.1km
az=53.0
DJA 22 14:49:23.7, 0.3, 3:2S, 10:2E, h10km, M3.8/9, MLV3.8/9

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

GUC 22 15:31:22.6, 0.7, 21:49S, 67:39W, h202km, 8km, ML3.8
SCB 22 15:31:26.6, 1.3, 21:47S, 67:36W, h153km, 5km, ML3.5/4,
MW3.2, Error ellipse: s-maj=5.0km s-min=4.4km az=0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G001, G001, G001, etc.

WEL 22 15:35:01.1, 1.1, 36:5S, 12:17E, h131km, 31km,
M4.3/13, ML4.5/13, MLV4.3/13, Error ellipse: s-maj=0.0km
s-min=0.0km az=17.5

NOU 22 15:35:01.3, 36:29S, 179:50E, h199km, mb4.2/8, Off E.
Coast of N. Island, N.Z.

ISC 22 15:35:01.6, 2.5, 36:1S, 0:17E, h183km, 10km,
n116, 1:160/129, Off east coast of North Island

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

NEIC 22 15:36:52.7, 1.4, 4:89S, 0:10, 129:4E, 0.2, h189km, 13km,
mb4.1/12, Error ellipse: s-maj=22.8km s-min=12.5km
az=107.0

DJA 22 15:36:55.2, 0.3, 5:4S, 13:0E, h193km, 3km, M4.2/14,
mb4.4/8, mb4.5/5, MLV4.3/14, Mw(mlb)3.7/5

IDC 22 15:36:59.1, 4.6, 5:07S, 129:44E, h258km, 4.7km, mb3.5/6,
mbmp4.1/8, Error ellipse: s-maj=39.2km s-min=11.0km
az=78.0

ISC 22 15:36:59.6, 4.0, 4:95S, 0:05, 129:61E, 0:06, h200km, n57,
DJA 22 15:36:59.6, mb4.0/9, Banda Sep

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, NLAI Namlea, etc.

IDC 22 15:42:55.71.5, 6.26S, 153.98E, h0km, mb3.6/6, mbmp=3.77, ML3.5/1, MS3.0/2, Error ellipse: s-maj=46.5km s-min=24.5km az=121.0

ISC 22 15:43:03.21.4, 6.25S, 153.8E, 0.2, h48km, n10, 0.95R/8, mb3.6/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KRVT Karavat, PMG Port Moresby, WRA Warramunga Arr, etc.

WEL 22 16:30:17.3, 0.6, 32.3, 177.8W, 2.3, h323km, 7km, M4.2/25, mB4.8/25, ML5.1/31, MLV4.9/24, Mw(mb)4.0/25, Error ellipse: s-maj=0.0km s-min=0.0km az=110.1, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GLKZ Green Lake, RIZ Raoul Island, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MWZ Urewera, URZ Charters Tower, RIGZ Rimuha, etc.

NEIC 22 16:48:00.2.1, 6.36S, 0.10, 157.2E, 0.1, h14km, 7km, mb4.5/10, Error ellipse: s-maj=20.1km s-min=8.1km az=51.0

IDC 22 16:48:04.4.5, 6.37S, 156.09E, h0km, mb3.8/3, mbmp=2.83, MS3.1/10, Error ellipse: s-maj=152.9km s-min=39.9km az=109.0

ISC 22 16:48:03.1.1, 6.65S, 0.1, 157.0E, 0.1, h35km, n31, 1.50R/17, mb4.3/9, MS3.0/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, RABL Rabol, PMG Port Moresby, etc.

ISC 22 17:07:00.2.2, 6.13N, 0.1, 89.55W, 0.08, h43km, n29, 0.28R/39, 2C, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BOQS Boqueron, LFERS El Faro, SJTE Alcaldia de S, etc.

NEIC 22 16:54:16.7, 1.8, 20.72S, 0.05, 178.5W, 0.2, h611km, 12km, mb4.1/19, Error ellipse: s-maj=24.0km s-min=7.3km az=84.0

IDC 22 16:54:18.3, 1.2, 20.85S, 178.78W, h607km, 14km, mb3.2/11, mbtmp=4.2/12, Error ellipse: s-maj=18.3km s-min=15.0km az=118.0

ISC 22 16:54:17.4, 0.6, 20.83S, 0.09, 178.7W, 0.1, h600km, n44, 1.50R/144, mb3.9/22, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MSVF Nonsavu, MSVF Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, CTAO Charters Tower, WR0 Warramunga Arr, etc.

ISC 22 17:07:00.2.2, 6.13N, 0.1, 89.55W, 0.08, h43km, n29, 0.28R/39, 2C, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BOQS Boqueron, LFERS El Faro, SJTE Alcaldia de S, etc.

CNCH Conchagua 1.69 81 eP Pn 17 07 26.9 -0.4

IDC 22 17:17:27.4-1.9, 52.97N, 168.49W, h0km, mb3.6,7, mbmp3.6/7, MS3.2/3, Error ellipse: s-maj=54.3km s-min=29.5km az=5.0

AEIC 22 17:17:27.1, 52.35N, 168.06W, 0.06, h27km, 7km, ML3.1, Error ellipse: s-maj=6.4km s-min=5.4km az=199.0

NEIC 22 17:17:30.0, 1.6, 52.47N, 168.14W, 0.05, h38km, 39km, Error ellipse: s-maj=10.5km s-min=2.3km az=156.0

ISC 22 17:17:28.5-1.1, 52.33N, 168.04W, 0.07, h35km, n40, o=83/40, mb3.5/6, MS2.9/3, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like NIKH, OKSP, OKSO, etc.

NNC 22 17:43:06.3-4.9, 37.16N, 71.16E, h0km, mb4.1, mpv3.8, 3C-1D, Error ellipse: s-maj=38.6km s-min=36.6km az=149.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AML, UCH, EKS2, etc.

IDC 22 17:57:46.6-1.3, 34.56N, 36.86W, h0km, mb3.5/3, mbmp3.5/3, MS3.3/27, Error ellipse: s-maj=278.6km s-min=45.3km az=171.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MDT, SCHO, SFJD, etc.

Table with columns: ELK, INK, DLBO, NVAR, PFO, BBB, AKTO, ILAR, MBAR, KDAD, LSZ, MKAR, SEY. Lists stations like Elko, Inuvik, Dease Lake, etc.

NNC 22 18:11:13.0-0.3, 37.07N, 71.09E, h0km, mb4.0, mpv3.6, 3C-3D, Error ellipse: s-maj=28.0km s-min=26.9km az=141.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KK31, KK31, CHMS, etc.

NOU 22 18:55:58.0, 15.15S, 166.95E, h56km, MLV4.4/15, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DVP, RTV, KOUNC, etc.

GEN 22 19:28:24.7, 43.85N, 10.39E, h8km, 1km, MIO.5, ROM 22 19:28:23.7, 43.81N, 10.40E, 0.02, h11km, ML1.0/3, 1C-1D, Error ellipse: s-maj=1.8km s-min=1.3km az=288.0, Central Italy

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

JMA 22 19:35:31.1-0.2, 26.22N, 0.9, 127.2E, 0.6, h45km, 1km, MV3.3/9, NEAR OKINAWAJIMA ISLAND

JMA Felt J1 at NEAR OKINAWAJIMA ISLAND

IDC 22 19:35:32.2-2.3, 26.31N, 127.35E, h71km, 29km, mb3.2/5, mbmp3.5/5, MS2.8/3, Error ellipse: s-maj=39.2km s-min=26.1km az=77.0

ISC 22 19:35:30.9-0.9, 26.26N, 0.08, 127.15E, 0.05, h52km, 8km, n15, o=43/21, mb3.3/5, Ryukyu Islands

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

JSN 22 19:41:42.7-1.2, 19.49N, 79.78W, h0km, 89km, MD3.9, SSNC 22 19:41:43.3-1.7, 19.04N, 80.23W, h34km, 999km, MD3.4, ML3.5, MW4.1

ISC 22 19:41:41.8-2.5, 19.06N, 0.09, 80.3W, 0.1, h35km, n11, o=156/17, 1C-2D, Cuba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MCJ, CVJ, MTJD, etc.

SJA 22 19:45:42.5-0.8, 30.65S, 71.83W, h12km, 3km, ML4.0, MW3.8

NEIC 22 19:45:46.6-2.6, 30.69S, 0.03, 71.73W, 0.07, h34km, 5km, mb4.2/4, ML4.2(GUC), Error ellipse: s-maj=9.2km s-min=4.2km az=93.3

IDC 22 19:45:47.0-3.3, 30.76S, 71.60W, h37km, 29km, mb3.3/4, mbmp3.8/7, ML3.7/3, MS3.1/5, Error ellipse: s-maj=30.8km s-min=22.5km az=146.0

GUC 22 19:45:42.0-0.7, 30.68S, 71.62W, h38km, 1km, ML4.2

ISC 22 19:45:46.2-0.8, 30.69S, 0.02, 71.74W, 0.04, h33km, 2km, n114, o=203/152, mb4.0/6, Near coast of Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CO06, CO02, CO02, etc.

Table of astronomical observations for 22d 20h, listing station names (e.g., MT05, Renca), coordinates, and various parameters like SNR and error ellipses.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for TNTI, MSFV, etc.

Main table of astronomical observations for 2016 JUL, listing station names (e.g., TNTI, MSFV, CTAO), coordinates, and various parameters like SNR and error ellipses.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for MSFV, JNU, etc.

Table of astronomical observations for 1176, listing station names (e.g., MSFV, ASAR, WRO), coordinates, and various parameters like SNR and error ellipses.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for PLAI, WBSI, etc.

ICC 22:19:46:32.0, 0.8, 2.44N, 128.13E, h0km, mb4.0/9, mbmp4.0/9, MS3.1/1, Error ellipse: s-maj=46.3km s-min=15.6km az=73.0

DJA 22:19:46:35.1, 0.3, 2.2N, 128.13E, h10km, M4.3/16, mb4.3/6, mb4.9/2, MLV4.3/16, MW(B)4.2/2

NEIC 22:19:46:39.4, 2.2, 2.28N, 0.08, 128.03E, 0.09, h61km, 8km, mb4.2/30, Error ellipse: s-maj=14.0km s-min=11.2km az=63.0

ISC 22:19:46:38.4, 0.5, 2.33N, 0.04, 128.05E, 0.07, h51km, n84, s=155/80, mb4.2/23, 5C-2Z, Halmahe

ICC 22:20:07:47.3, 1.6, 24.42S, 175.62W, h0km, mb3.9/4, mbmp3.9/5, ML5.0/1, MS3.3/1, Error ellipse: s-maj=64.2km s-min=32.9km az=165.0

NEIC 22:20:07:51.1, 2.24, 65S, 0.1, 176.9W, 0.2, h10km, 2km, mb4.5/11, Error ellipse: s-maj=36.4km s-min=11.5km az=54.0

ISC 22:20:07:56.5, 1.0, 24.0S, 0.2, 175.9W, 0.2, h50km, n19, s=196/19, mb4.4/11, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XAN, H08S2, H08S3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HIZ, WYZ, TRVZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBAR, ATD, H01W2, etc.

NOU 22:20:31:00.6, 38°78'S, 175°04'E, h252km, MLV4.0/9, North Island, New Zealand

Code Station Name Azimuth Phase ID Time Res. Includes station codes like RER, FOMA, VOI, etc.

Code Station Name Azimuth Phase ID Time Res. Includes station codes like STCH, JACUZZI, etc.

Table with columns: Station Name, IAML, Pg, Sg, Time, Res. Includes stations like SDHH, UWE, WRMH, RSD, HLP, MLH, AIN, etc.

HVO 22 21:19:04.5:0.9, 19.33N, 0.03:155.14W:0.01, h5km, 2km, ML2.7/25, ML2.6/46(NEIC), Error ellipse: s-maj=4.4km s-min=1.4km az=160.0

NEIC 22 21:19:05.4:1.6, 19.36N, 0.03:155.15W:0.02, h3km, 3.4km, Error ellipse: s-maj=3.9km s-min=1.5km az=155.0

Hawaiian Islands

Table with columns: Code, Station Name, IAML, Pg, Sg, Time, Res. Includes stations like KNHH, STCH, NPOC, JCUZ, PUH, KKO, BYL, RIM, HATHI, SBLHI, NPH, UWB, OBL, SDHH, UWE, WRMH, JOKA, RSD, HLP, MLH, HTA, AIN.

Table with columns: Station Name, IAML, Pg, Sg, Time, Res. Includes stations like HMH, MLOA, MWH, KHU, ALEP, POHA, HUH, KHLU, HPAH.

IDC 22 21:19:41.3:1.6, 29.30S, 61.17E, h0km, mb3.7/6, mbtmp3.8/7, ML4.4/1, MS3.0/2, Error ellipse: s-maj=57.3km s-min=25.9km az=29.0

NEIC 22 21:19:42.7:1.6, 29.28S, 61.09:61.22E:0.09, h10km, 1km, mb4.6/16, Error ellipse: s-maj=16.0km s-min=12.9km az=146.0

ISC 22 21:19:43.0:0.7, 29.33S, 61.18E:0.10, h14km, n37, c057929, mb4.3/13, Southwest Indian Ridge

Table with columns: Code, Station Name, IAML, Pg, Sg, Time, Res. Includes stations like RER, VOI, AIS, OPO, H08S1, H08S2, H08S3, SUR, KIBK, KIBK, CMAR, SHEL, ASAR, WRA, TORO, KARP, KK31, KKAR, KKAR, AAK, ENH, MK31, MKAR, MKAR, KEK, KEK, YHNB, YHNB, KURK, ODZ, ZALV.

IDC 22 21:22:58.3:1.1, 11.87N, 140.80E, h0km, mb3.8/5, mbtmp3.8/5, MS2.9/1, Error ellipse: s-maj=88.9km s-min=24.8km az=103.0, Western Caroline Islands

Table with columns: Code, Station Name, IAML, Pg, Sg, Time, Res. Includes stations like JHJ, WRA, ASAR, ILAR, YKA, FINES, SINO, SINO, SINO.

Table with columns: Station Name, IAML, Pg, Sg, Time, Res. Includes stations like DIKM, BOYA, BOYA, BZK, BZK, BZK, SAMS, SAMS, SAMS, KAST, KAST, KAST, KAGI, KAGI, KAGI, HAVZ, HAVZ, HAVZ, KVT, KASTAMONU, YARIMA-LADIK, BUYUKKIZGOLU, TOSYA, ILGA, ILGA, CTAK, CTAK, CTAK, AMSY, AMSY, AMSY, ERBA, ERBA, ERBA, COAL, COAL, COAL, CANT, CORM, KARABUK-MERKEZ, TOKA, TOKA, TOKA, YAL, YAL, YAL, YAL, YAL, YAL, TOKT, TOKT, TOKT, BTIN, BTIN, BTIN, ALU, ALU, ALU, ALU, ALU, ALU, ALU, ALU, ALU, ALU, SEV, SEV, SEV, SEV, SEV, SEV, SUDU, SUDU, SUDU, SUDU, SUDU, SUDU, SUDU, SUDU, SUDU.

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like SUDU, KIRKAKALE, FEODOSIYA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like KIRS, LZRR, GUNE, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like BGD, BGD, BGD, etc.

22 22h

Table of astronomical observations for 2016 JUL, columns include station name, time, position, and various parameters.

2016 JUL

Table of astronomical observations for 2016 JUL, columns include station name, time, position, and various parameters.

1180

Table of astronomical observations for 1180, columns include station name, time, position, and various parameters.

NEIC 22 22:31.35:4.2,5,37.53N;0.05:72.3E;0.1,h228km,10km, mb4.2/4, Error ellipse: s-maj=12.6km s-min=6.2km az=108.0
IDC 22 22:34:42.6,2,38.29N;71.29E,h221km,46km,mb3.0/1, mbmp3.65,ML3.2/2, Error ellipse: s-maj=37.0km s-min=27.0km az=112.0
ISC 22 22:13:35.1,0.8,37.53N;0.05:72.39E;0.06,h200km,n30, az=209/41,2C-1D,Tajikistan

1181

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, and other technical details. Includes stations like TWE, ILA, CHGB, etc.

2016 JUL

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, and other technical details. Includes stations like WJS, TCU, WNT, etc.

22d 22h

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, and other technical details. Includes stations like DSXP, ROCAM, RER, etc.

22d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include stations like DBG Daneborg, SPAA Spitsbergen Ar, SPAA Spitsbergen Ar, SPAA Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include stations like DDA 22:52:52.60, ISK 22:52:53.0, NIC 22:52:55.1, etc.

2016 JUL

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include stations like KORT comp=E,30m,0.9s, GOLH Golhisar, ANTB Antalya, YER Yerkesik, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include stations like SLOZ Alcaldia de Sa, CNCH Conchagua, MTO3 Montecristo, etc.

1182

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include stations like DZM Mont Dzumac, TARA Tarawa, KOUNC Koumac, etc.

IDC 22:23:33:22.7:1.1, 39:32N:73:38E, h0km, mb3.9/12, mltmp3.9/19, ML3.3/7, MS2.9/11, Error ellipse: s-maj=19.3km s-min=12.6km az=138.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include stations like OHH Osh, DRK Karamyk, KSH Kashi, etc.

23d 1h

2016 JUL

1188

Table with columns for station ID, name, elevation, frequency, and various signal quality metrics (S, P, I, etc.). The table is organized into three main vertical sections.

YUK3	Moose Creek	41.88	43	P	P	01 07 33.2 +0.2
TABL	Table Mountain	41.92	45	I	Amb	01 07 37.0
I29M	Ogilvie Camp	41.95	37	P	P	01 07 36.6
I29M	Ogilvie Camp	41.95	37	P	P	01 07 33.2 -0.1
J29M	Klondike Camp	42.20	39	P	P	01 07 35.2 -0.1
O28M	Mount Upton	42.27	44	P	P	01 07 36.6 +0.3
O28M	Mount Upton	42.27	44	P	P	01 07 36.6 +0.3
EPYK	Eagle Plains	42.36	36	P	P	01 07 36.7 +0.1
EPYK	Eagle Plains	42.36	36	P	P	01 07 36.7 +0.1
PCA	Pinnacle	42.44	45	I	Amb	01 07 40.9
PINM	Pinnacle	42.44	45	P	P	01 07 37.8 +0.4
MK31	Makanchi Array	42.74	294	I	Amb	01 07 42.5
MK31	Makanchi Array	42.74	294	I	Amb	01 07 39.8 -0.1
MKAR	Makanchi Array	42.74	294	P	P	01 07 40.0 +0.1
MKAR	Makanchi Array	42.74	294	P	P	01 09 22.9 +0.6
MKAR	Makanchi Array	42.74	294	P	P	01 12 32.5 -0.1
MKAR	Makanchi Array	42.74	294	P	P	01 13 32.0 +0.2
MKAR	Makanchi Array	42.74	294	P	P	01 16 54.9 -1.5
MKAR	Makanchi Array	42.74	294	P	P	01 07 39.8 -0.1
MKAR	Makanchi Array	42.74	294	P	P	01 09 22.1 -0.3
MKAR	Makanchi Array	42.74	294	P	P	01 07 40.0 +0.1
MKAR	Makanchi Array	42.74	294	P	P	01 13 23.0 +0.2
MKAR	Makanchi Array	42.74	294	P	P	01 07 40.0 +0.1
YUK4	Talbot Arm	42.83	43	P	P	01 07 41.1 +0.5
MAKZ	Makanchi	42.93	294	P	I	01 07 41.5 +0.1
MAKZ	Makanchi	42.93	294	P	I	01 07 41.5 +0.1
PNL	Peninsula	42.98	46	P	P	01 07 41.7 +0.2
YUK6	Outpost Mounta	43.08	44	P	P	01 07 43.3 +0.7
INK	Inuvik	43.12	32	P	P	01 07 42.1 -0.4
INK	Inuvik	43.12	32	P	P	01 09 23.7 +0.5
INK	Inuvik	43.12	32	P	P	01 16 54.6 -0.1
INK	Inuvik	43.12	32	P	P	01 07 42.2 -0.4
INK	Inuvik	43.12	32	P	P	01 07 44.6
INK	Inuvik	43.12	32	P	P	01 09 23.0 -0.2
INK	Inuvik	43.12	32	P	P	01 07 42.0 -0.4
INK	Inuvik	43.12	32	P	P	01 13 34.8 -1.7
O29M	Mount Kennedy	43.18	45	P	P	01 07 44.1 +0.9
KURK	Kurchatov	43.30	301	P	I	01 07 44.0 -0.2
KURK	Kurchatov	43.30	301	P	I	01 07 47.0
KURK	Kurchatov	43.30	301	P	P	01 07 44.0 -0.2
KURK	Kurchatov	43.30	301	P	P	01 07 43.9 -0.3
KURK	Kurchatov	43.30	301	P	P	01 07 45.2 +1.1
M30M	M30M	43.31	41	S	S	01 13 42.6 +3.0
MAYO	Mayo, Yukon	43.41	39	I	Amb	01 07 49.3
N30M	Aishikik Lake	43.51	43	P	P	01 07 46.5 +0.7
N30M	Aishikik Lake	43.51	43	P	P	01 13 44.5 +1.9
HYT	Haines Junctio	43.52	44	P	P	01 07 47.2 +1.3
HYT	Haines Junctio	43.52	44	P	P	01 13 45.7 +3.0
P29M	Windy Craggy	43.79	45	P	P	01 07 49.6 +1.7
P29M	Windy Craggy	43.79	45	P	P	01 13 49.6 +3.1
P30M	Million Dollar	44.00	44	P	P	01 07 51.2 +1.6
P30M	Million Dollar	44.00	44	P	P	01 13 51.8 +2.3
N31M	Braeburn, Yuko	44.10	42	I	Amb	01 07 55.1
N31M	Braeburn, Yuko	44.10	42	P	P	01 07 51.6 +1.3
N31M	Braeburn, Yuko	44.10	42	P	P	01 13 53.6 +2.7
O30N	Mendenhall	44.19	43	P	P	01 07 52.0 +0.9
O30N	Mendenhall	44.19	43	P	P	01 13 54.3 +2.1
M31M	Drury Creek, Y	44.49	41	P	P	01 07 54.0 +0.7
PLBC	Pleasant Camp	44.51	45	P	P	01 07 54.6 +1.2
PLBC	Pleasant Camp	44.51	45	P	P	01 13 59.9 +3.3
WHY	Whitehorse	44.79	43	P	P	01 07 56.6 +0.8
WHY	Whitehorse	44.79	43	P	P	01 14 02.0 +1.2
A36M	Sachs Harbour	44.88	26	P	P	01 07 56.2 0.0
A36M	Sachs Harbour	44.88	26	P	P	01 09 30.1 +0.9
A36M	Sachs Harbour	44.88	26	P	P	01 07 55.9 -0.3
SKAG	Skagway	45.00	45	P	P	01 07 58.5 +1.2
N32M	Quiet Lake	45.44	42	P	P	01 08 01.1 +0.4
N32M	Quiet Lake	45.44	42	P	P	01 14 11.8 +1.9
ZIRO	ZIRO	45.63	263	eP	P	01 08 03.8 +0.9
ZIRO	ZIRO	45.63	263	eP	P	01 09 26.0 +1.7
ZIRO	ZIRO	45.63	263	eP	P	01 09 59.0 +2.9
ZIRO	ZIRO	45.63	263	eP	P	01 12 42.0 +1.9
ZIRO	ZIRO	45.63	263	eP	P	01 14 09.3
P32M	Atlin	45.72	44	P	P	01 08 03.8 +0.9
P32M	Atlin	45.72	44	P	P	01 14 16.7 +2.8
JIS	Juneau Island	45.90	46	I	Amb	01 08 08.8
P33M	Teslin, Yukon	45.91	43	I	Amb	01 08 08.8
P33M	Teslin, Yukon	45.91	43	P	P	01 08 05.4 +1.0
P33M	Teslin, Yukon	45.91	43	P	P	01 14 18.8 +2.3
SIT	Sitka	45.91	48	I	Amb	01 08 08.2
SIT	Sitka	45.91	48	P	P	01 08 05.9 +1.6
SIT	Sitka	45.91	48	P	P	01 14 21.0 +4.5
LSA	Lhasa	46.06	268	P	S	01 08 08.1 +1.7
LSA	Lhasa	46.06	268	P	S	01 14 12.1 -8.2
LSA	Lhasa	46.06	268	P	P	01 08 08.0 +1.5
LSA	Lhasa	46.06	268	P	P	01 08 08.1 +1.7
LSA	Lhasa	46.06	268	P	P	01 09 31.0 +2.9
LSA	Lhasa	46.06	268	P	P	01 10 03.0 +2.7
C36M	Paulatuk	46.10	29	P	P	01 09 04.0 -0.8
C36M	Paulatuk	46.10	29	P	P	01 08 04.8 -0.8
SHLS	Shalkode	46.23	291	eP	P	01 08 05.4 -1.8
SHLS	Shalkode	46.23	291	eP	P	01 08 05.4 -1.8

SHLS	Borovoye	46.51	291	eS	S	01 14 18.2 -3.4
UZZ	Uzynbulak	46.51	291	I	P	01 08 09.4 0.0
UZZ	Uzynbulak	46.51	291	I	P	01 14 26.6 +1.0
ZHN	Zhinishke	46.87	291	eP	P	01 08 12.2 +0.2
ZHN	Zhinishke	46.87	291	eP	P	01 14 32.0 +1.4
TEZP	TEZPUR	46.93	263	eP	P	01 08 12.8 +0.2
TEZP	TEZPUR	46.93	263	eP	P	01 10 08.1
SATY	SATY	46.94	291	I	P	01 08 12.9 +0.2
SATY	SATY	46.94	291	I	P	01 14 32.8 +1.1
BRVK	Borovoye	47.01	307	P	P	01 08 13.1 +0.3
BRVK	Borovoye	47.01	307	P	P	01 09 38.2 +1.1
BRVK	Borovoye	47.01	307	P	P	01 08 12.4 -0.4
BRVK	Borovoye	47.01	307	P	P	01 09 34.8 0.0
BRVK	Borovoye	47.01	307	P	P	01 08 12.7 -0.2
BRVK	Borovoye	47.01	307	P	P	01 08 12.4 -0.4
BRZS	Berezinski	47.05	302	eP	P	01 08 13.0 -0.3
BRZS	Berezinski	47.05	302	eP	P	01 08 13.0 -0.3
BRZS	Berezinski	47.05	302	eP	P	01 14 32.2 -0.6
R33M	Jennings River	47.09	44	P	P	01 08 14.8 +1.3
R33M	Jennings River	47.09	44	P	P	01 14 36.2 +3.0
PRZ	Przheval'sk	47.24	290	I	Amb	01 08 18.9
IMP	Imphal	47.36	261	eP	P	01 08 15.4 -0.6
CHKK	Chushkaly	47.43	293	I	P	01 08 16.3 +0.1
WRAK	Wrangell Islan	47.67	48	P	P	01 08 19.3 +1.6
WRAK	Wrangell Islan	47.67	48	P	P	01 14 46.3 +5.3
CRAG	Craig	47.69	49	P	P	01 08 19.5 +1.6
CRAG	Craig	47.69	49	P	P	01 14 46.2 +4.8
MDOK	Medeo	47.74	292	I	P	01 08 19.2 +0.5
MDOK	Medeo	47.74	292	I	P	01 14 43.7 +0.8
AAA	Alma-Ata	47.80	292	eS	S	01 08 19.1 0.0
AAA	Alma-Ata	47.80	292	eS	S	01 14 44.6 +1.0
KUU	Kuty	47.81	293	I	P	01 08 18.8 -0.3
KUU	Kuty	47.81	293	I	P	01 14 43.4 -0.2
DLBC	Dease Lake	47.93	45	P	P	01 08 21.1 +1.3
DLBC	Dease Lake	47.93	45	P	P	01 08 21.6 +1.7
DLBC	Dease Lake	47.93	45	P	P	01 14 50.0 +5.1
GUAH	GUAHATI	47.95	264	eP	P	01 08 20.5 +0.2
GUAH	GUAHATI	47.95	264	eP	P	01 09 40.3 +0.2
GUAH	GUAHATI	47.95	264	eP	P	01 10 17.2
SHL	Shillong	48.24	263	P	P	01 08 23.6 +0.8
SHL	Shillong	48.24	263	P	P	01 08 22.6 -0.1
SHL	Shillong	48.24	263	P	P	01 08 23.5 +0.1
CHTO	Chiang Mai	48.34	250	I	Amb	01 08 26.9
CHTO	Chiang Mai	48.34	250	I	Amb	01 08 23.5 +0.1
CHTO	Chiang Mai	48.34	250	I	Amb	01 08 24.0 +0.6
CHTO	Chiang Mai	48.34	250	I	Amb	01 08 24.1 +0.7
CHTO	Chiang Mai	48.34	250	I	Amb	01 08 23.6 +0.2
CHTO	Chiang Mai	48.34	250	I	Amb	01 08 25.0 +0.3
CHTO	Chiang Mai	48.34	250	I	Amb	01 08 26.0 +2.2
T35M	Bob Quinn	48.46	47	P	P	01 14 59.5 +7.3
CM31	Chiang Mai Arr	48.61	250	P	P	01 08 25.8 +0.4
CM31	Chiang Mai Arr	48.61	250	P	P	01 08 25.8 +1.1
CMAR	Chiang Mai Arr	48.61	250	P	P	01 08 25.9 +0.5
CMAR	Chiang Mai Arr	48.61	250	P	P	01 09 44.8 +1.3
CMAR	Chiang Mai Arr	48.61	250	P	P	01 12 59.2 +1.8
BTLS	Baital	48.64	295	eP	P	01 08 25.2 0.0
BTLS	Baital	48.64	295	eP	P	01 08 25.2 0.0
BTLS	Baital	48.64	295	eP	P	01 14 54.6 -0.4
ULHL	Ulaloh	48.73	291	P	P	01 08 27.2 +0.9
TKM2	Tokmak 2	48.78	292	P	P	01 08 27.3 +0.7
BOOM	Boomsokoye ush	48.79	292	I	Amb	01 08 30.2
AZL	Aizawl	48.94	261	eP	P	01 08 28.4 +0.5
EUNU	Eureka	49.02	11	P	P	01 08 27.5 -0.2
EUNU	Eureka	49.02	11	P	P	01 09 45.0 +0.9
KKM	Kota Kinabalu	49.09	222	P	P	01 08 29.5 +0.3
KKM	Kota Kinabalu	49.09	222	P	P	01 08 32.3 +3.2
SGDS	Sogindy	49.10	293	I	P	01 08 29.4 +0.5
SGDS	Sogindy	49.10	293	I	P	01 15 02.2 +1.1
CHMS	Chumysh	49.26	293	P	P	01 08 33.2 +3.2
USP	Ospenovka	49.28	293	P	P	01 08 30.7 +0.5
GTK	Tadong	49.30	267	eP	P	01 08 31.9 +1.3
KBK	Karagaybulak	49.32	292	P	P	01 08 31.5 +0.9
BAKI	Blak	49.58	194	P	P	01 08 31.3 -1.3
AAK	Ala-Archa	49.62	293	P	P	01 08 33.4 +0.6
AAK	Ala-Archa	49.62	293	P	P	01 08 32.6 -0.2
AAK	Ala-Archa	49.62	293	P	P	01 08 33.2 +0.4
AAK	Ala-Archa	49.62	293	P	P	01 08 33.4 +0.6
AAK	Ala-Archa	49.62	293	P	P	01 08 33.2 +0.4
AAK	Ala-Archa	49.62	293	P	P	01 08 33.2 +0.4
UCH	Uchtor	49.82	292	P	P	01 08 35.3 +0.6
TAPN	Taplejung	49.88	268	eP	P	01 08 35.9 +0.8
EKS2	Erkin-Say	50.05	293	P	P	01 08 36.7 +0.8
GRNB	Grenville Isla	50.07	50	P	I	01 08 36.3 +0.6
GRNB	Grenville Isla	50.07	50	P	I	01 08 39.6
HG4B	Hotsping	50.17	52	I	Amb	01 08 39.4
SVE	Sverdlovsk	50.23	314	eP	S	01 08 36.7 -0.2
SVE	Sverdlovsk	50.23	314	eP	S	01 15 15.4 -0.9
SVE	Sverdlovsk	50.23	314	eP	S	01 17 39.3
SWI	Sorong	50.24	201	P	P	01 08 37.0 -0.5
KSH	Kashi	50.38	288	P	P	01 08 43.6 +5.1
KSH	Kashi	50.38	288	P	P	01 10 05.8 +3.9
KSH	Kashi	50.38	28			

23d 1h

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like SMLA, THN, APA, BHK, etc.

2016 JUL

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like BUCK, AJM, KEBM, TPRI, etc.

1190

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like COEN, KADU, JASL, etc.

23d 1h

Table of 23d 1h data with columns for station name, frequency, power, and other metrics.

2016 JUL

Table of 2016 JUL data with columns for station name, frequency, power, and other metrics.

1194

Table of 1194 data with columns for station name, frequency, power, and other metrics.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Offset. Includes entries like YER Yerkesik, DALY Delyan (Mula), S39A Bolivar, R40A Maddies Statio, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Offset. Includes entries like THL Klokotos Trika, HHAR Hobbs, NIS1 Nisyros Isl., MGMO Mountain Grove, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Offset. Includes entries like BNI Bardonecchia, EFP Elpalio, PVO Paravola, MORW Morawa, etc.

Table with columns: Station ID, Call Sign, Frequency, Class, Mode, Power, and Time. Includes stations like WHTX, VT1, J58A, ZKR, etc.

Table with columns: Station ID, Call Sign, Frequency, Class, Mode, Power, and Time. Includes stations like BINY, I62A, ROPD, etc.

Table with columns: Station ID, Call Sign, Frequency, Class, Mode, Power, and Time. Includes stations like 833A, 833A, NPNY, etc.

1197 2016 JUL 23d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like M63A Gales Ferry, PANJ Prince, TUPA Temple Units, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like V55A baz=330, BG3 Lak Jocassee, CASEE Lake Jocassee, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like Y58A baz=331,SNR=16, KEST Kesra, KEST Kest, etc.

23d 2h

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like CHIC Chingaza, CASY Casey, PTGC Puerto Gaitan, etc.

2016 JUL

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like CNLB Canela, PLTB Pedras Altas, NEIC 23 01:37:29.0, etc.

1198

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like AKASG Malin Array Be, IDC 23 02:05:38, MSVF Nonsavu, etc.

1199

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like NNCB Datong, NNSB, NNS, NNSH, FUSB, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like NTST, NCU, NCUH, NCUH, NCUH, etc.

2016 JUL

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like KNM, KNMB, AXDP, ZPLA, etc. Also contains a large block of text with coordinates and technical data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like FORT, MORW, BLDU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like SATY, MK31, MKRAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like Tensor Solution, NEIC, etc.

MOS 23:02:52:09.1.1.30:07N:141:75E, h43km, mb4.9/19, Error ellipse: s-maj=15.3km s-min=5.3km az=116.2 NIED 23:02:52:11.0.30:15N:141:84E, h52km, MW4.5, Moment

Table with columns: Station Name, Time, Res, ISC, H, m, s, ISC. Includes stations like HHC, DAV, XAN, ULN, LZH, SOMM, SEY, BOD, KMI, PZH, GTA, GOMU, CMAR, TIXI, MTN, WMQ, ZALV, MK31, MKAR, MAKZ, NRIK, KURK, KSH, ASAR, NEA2, IL31, ILAR, BRVK, SCRK, KK31, KK31, KKAR, KKAR, SVE, ARU, ABKA, KIRV, PRGR, KLMM, KLMM, KLMM.

Table with columns: Station Name, Time, Res, ISC, H, m, s, ISC. Includes stations like ARCES, DORR, FINES, KBZ, SUMG, SUMG, SUMG, MNK, MNK, MNK, MNK, NVAR, AKAS, AKKB, HFS, NB2, NOA, PDAR, PFO, RAYN, RAYN, RAYN, BR131, BR131, BURAR, ASF, DPC, LPIG, TXAR, LPAZ, IDC 23 03:29:05.3, 1.3, 44:67N; 148:22E, h0km, mb3.4/4, m1btp3.4/4, Error ellipse: s-maj=43.5km s-min=38.0km az=52.0.

Table with columns: Station Name, Time, Res, ISC, H, m, s, ISC. Includes stations like JMP, JCH, JOK, JRM, JNK, YSS, JOT, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, MKAR, FINES, WRA, TXAR, ISK 23 03:29:46.2, 37:32N; 37:08E, h8km, ML2.7/13, DDA 23 03:29:47.8, 0.0, 37:29N; 36:96E, h22km, ML2.4, ISC 23 03:29:47.3, 1.0, 37:30N; 03:36.99E, 0.02, h13km, 8km, n23, 0855/36, Turkey. Includes Kuril Islands and Kuril Islands stations.

Table listing astronomical observations for 23d 5h. Columns include object name, coordinates (RA, Dec), magnitude, and other parameters. Objects include XMS1, H0S2, H0S3, H0S1, BJT, WRA, TARG, DRK, SONM, MK31, MKAR, KKRAR, KURK, MAJO, ZAAO, ZALV, ZALV, BRVK, ABKAR, FINES, ARCES, GERES, and GERES.

Table listing astronomical observations for REN 23 04:34:12.9. Columns include object name, coordinates, and magnitude. Objects include REN 23 04:34:12.9, NCEDC, NEIC, ANF, and ISC.

Table listing astronomical observations for various objects. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other parameters. Objects include POCOA, MFMB, MCDM, MLNR, MTJUN, BECR, DSP, MRCM, ORC, BENR, TIN, MCM, MCM, MEMM, LCH, LCH, LCH, MMLB, LMLB, MLCR, MPM, MLIM, MDMY, MDRM, MDPB, MDPB, MDCM, KCC, LHC, LHV, LHV, LHV, LHV, GRAC, GRAC, GRAC, LUL, CGO, NV10, NV11, NV11, CWC, CWC, CWC, NV11, TPH, SGV, RYN, RYN, RYN.

Table listing astronomical observations for various objects. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other parameters. Objects include WLMH, SPG2, MRHM, VOG, FURC, FURC, FURC, MPMC, MPMC, KVN, KVN, KVN, Q09A, MYLM, WASM, VES, VES, YES, TPNV, TPNV, TPNV, TPNV, YERR, YERR, YERR, CMB, CMB, CMB, ISA, ISA, ISA, PWMM, GWY, GWMY, QSM, QSM, MCB, PNTR, PDRM, PARM, LRMC, EMB, BMSM, VCNR, VCNR, CTM, PSMR, PSM, PSM, PAGB, BAVM, MPK, PSTM, PKLM, PVCM, ARVC, ARVC, PMPB, RBGA, R11A, PWKM, HPCM, BBNM, PPO, GSC, BPIM, GHS, SAO, PRN, BCW, PCCM, SHPR, BMN, SPR3, SPR3, SPR3, PSUT, ELK, W13A, PKPU, MTPU, U15A, DUG, DUG, DUG, DUG.

Table listing astronomical observations for various objects. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other parameters. Objects include WLMH, SPG2, MRHM, VOG, FURC, FURC, FURC, MPMC, MPMC, KVN, KVN, KVN, Q09A, MYLM, WASM, VES, VES, YES, TPNV, TPNV, TPNV, TPNV, YERR, YERR, YERR, CMB, CMB, CMB, ISA, ISA, ISA, PWMM, GWY, GWMY, QSM, QSM, MCB, PNTR, PDRM, PARM, LRMC, EMB, BMSM, VCNR, VCNR, CTM, PSMR, PSM, PSM, PAGB, BAVM, MPK, PSTM, PKLM, PVCM, ARVC, ARVC, PMPB, RBGA, R11A, PWKM, HPCM, BBNM, PPO, GSC, BPIM, GHS, SAO, PRN, BCW, PCCM, SHPR, BMN, SPR3, SPR3, SPR3, PSUT, ELK, W13A, PKPU, MTPU, U15A, DUG, DUG, DUG, DUG.

Table listing astronomical observations for various objects. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other parameters. Objects include WLMH, SPG2, MRHM, VOG, FURC, FURC, FURC, MPMC, MPMC, KVN, KVN, KVN, Q09A, MYLM, WASM, VES, VES, YES, TPNV, TPNV, TPNV, TPNV, YERR, YERR, YERR, CMB, CMB, CMB, ISA, ISA, ISA, PWMM, GWY, GWMY, QSM, QSM, MCB, PNTR, PDRM, PARM, LRMC, EMB, BMSM, VCNR, VCNR, CTM, PSMR, PSM, PSM, PAGB, BAVM, MPK, PSTM, PKLM, PVCM, ARVC, ARVC, PMPB, RBGA, R11A, PWKM, HPCM, BBNM, PPO, GSC, BPIM, GHS, SAO, PRN, BCW, PCCM, SHPR, BMN, SPR3, SPR3, SPR3, PSUT, ELK, W13A, PKPU, MTPU, U15A, DUG, DUG, DUG, DUG.

Table listing astronomical observations for various objects. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other parameters. Objects include WLMH, SPG2, MRHM, VOG, FURC, FURC, FURC, MPMC, MPMC, KVN, KVN, KVN, Q09A, MYLM, WASM, VES, VES, YES, TPNV, TPNV, TPNV, TPNV, YERR, YERR, YERR, CMB, CMB, CMB, ISA, ISA, ISA, PWMM, GWY, GWMY, QSM, QSM, MCB, PNTR, PDRM, PARM, LRMC, EMB, BMSM, VCNR, VCNR, CTM, PSMR, PSM, PSM, PAGB, BAVM, MPK, PSTM, PKLM, PVCM, ARVC, ARVC, PMPB, RBGA, R11A, PWKM, HPCM, BBNM, PPO, GSC, BPIM, GHS, SAO, PRN, BCW, PCCM, SHPR, BMN, SPR3, SPR3, SPR3, PSUT, ELK, W13A, PKPU, MTPU, U15A, DUG, DUG, DUG, DUG.

IDD 23 04:58:36.9, 6.6, 37.47N, 72.16E, h18km, 68km, mb3.0/3, mbmp3.6/7, Error ellipse: s-maj=66.8km s-min=58.0km az=99.0

NINC 23 04:58:41.1, 1.9, 37.96N, 71.92E, h181km, 28km, mb2.9, mpv3.9, Error ellipse: s-maj=19.7km s-min=10.5km az=23.0

SOME 23 04:58:44.0, 38.30N, 72.15E, h5km

ISC 23 04:58:39.0, 1.5, 37.9N, 71.83E, 0.08, h113km, n29, 0.1956/38, mb3.4/3, 3C-5D, Afghanistan-Tajikistan border region

Table listing astronomical observations for various objects. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other parameters. Objects include AML, UCH, MRKS, EKS, AAK, KAK, BRLS, BRLS, CHMS, CHMS, CHMS, TKM2, TKM2, TKM2, SGDS, SGDS, SGDS, KST, KST, DGS, DGS, KRBS, KRBS, KTBS, KTBS, MKAR, KURBB, AB31, AB31, AKTO, AKTO, AKTO, FINES, NOA, TORD, TORD.

DDA 23 05:04:47.0, 4.0, 38.20N, 42.80E, h7km, 2km, ML2.4

ISK 23 05:04:48.5, 38.29N, 42.92E, h16km, ML2.4

ISC 23 05:04:47.1, 5.3, 38.2N, 0.1, 42.87E, 0.05, h17km, 8km, n9, 0.057/15, Turkey

Table listing astronomical observations for various objects. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other parameters. Objects include AKDM, AKDM, GEVA, GEVA, GEVA, TVAN, VANB, VANB, VANB, ADVC, ADVC, ADVC, BLIS, BLIS, GURO, ERVC, MUSM, MUSM, WRA, ASAR, MSVF, MKAR, INET, UPA, UPA, UPA, ISC, ISC, ISC, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RIMA Rio Macho, DRKO Durika, JACO Garabito, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNSH Datong, NNSB Datong, NNS Nan Shan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELDTW baz=223, YOJ Yonaguni jima, YOJ baz=74, etc.

IDC 23 05:28:21.4, 2.9, 46.51N-153.10E, h0km, mb3.5/5, mbtm3.4/6, ML2.0/1, MS2.9/4, Error ellipse: s-maj=70.4km s-min=40.3km az=177.0, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, MA2 Magadan, SEY Seychnan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OWD Renai, YHNB Yeheng, YHNB baz=328, etc.

KRSC 23 06:04:29.2, 1.4, 51.92N-156.99E, h196km, 11km, ML4.1 IDC 23 06:04:30.4, 1.0, 52.12N-156.36E, h194km, 9km, mb3.0/5, mbtm3.5/5, MS2.7/1, Error ellipse: s-maj=40.6km s-min=18.0km az=146.0

ISC 23 06:04:30.1, 1.0, 51.94N-156.85E, 0.09, h192km, 6km, MS2.9, s=15/45, mb3.1/4, Kamohatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAU Pauzhetka, KDTR Khodutka, ASAK Asacha, etc.

NIED 23 05:33:36.4, 32.46N, 130.81E, h12km, MW3.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^13Nm; Mn=-3.41; Mss=0.46; Mss=0.59; Mss=8.40; Msr=1.19; Fault plane solution: Ms=8.77000x10^13 NP1:ps:97.00000, s80.00000, lambda=3.00000. NP2:ps:188.00000, s87.00000, lambda=170.00000

JMA 23 05:33:36.4-0.0, 32.5N-130.8E:0.1, h12km, MV3.5/20, 2D, SOUTHERN KUMAMOTO PREF, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIU3 Iuzumi3, JIU3 Okuchi, JZO JZO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WPL Puli Township, WPL baz=248, HGSD Ruisui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, TUMR Tumrok, RUS Mys Kozlova, etc.

JMA 23 05:59:02.4-0.2, 24.24N-121.72E, h16km, 1km, TAIWAN REGION

TAP 23 05:59:03.3, 24.18N-121.70E, h12km, ML3.1, C ISC 23 05:59:03.7-0.8, 24.19N-121.73E:0.02, h12km, 4km, n72, s967/142, 5D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETL Fush Village, ETL baz=253, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNST Sun Moon Lake, SSSL Suanglung, SSSL baz=250, etc.

IDC 23 06:06:24.8-2.1, 3.58N-125.15E, h0km, mb3.3/3, mbtm3.3/3, Error ellipse: s-maj=188.9km s-min=28.8km az=64.0, Talaud Islands

ISC 23 06:14:44.5-2.1, 28.1N-103.845E:0.4, h35km, n6, s055/6, mb3.5/4, Nepal

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

IDC 23 06:14:39.3-2.7, 27.98N-84.37E, h0km, mb3.5/4, mbtm3.5/6, ML3.5/1, Error ellipse: s-maj=80.0km s-min=40.2km az=49.0

ISC 23 06:14:44.5-2.1, 28.1N-103.845E:0.4, h35km, n6, s055/6, mb3.5/4, Nepal

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

Table with columns: FINES, ARCES, NOA, and station details including station name, frequency, and time.

Station details for IDC 23 06:18:06.6 ± 1.2, 35:55S ± 15.44W, h0km, mb4.2/10, mblmp4.2/10, MS4.3/42, Error ellipse: s-maj=47.5km...

Station details for GCMT 23 06:18:14.1 ± 0.1, 35:27S ± 0:01, 15:24W ± 0:01, h21km, MW3.2/140, Moment Tensor Solution: s76, c101, t140, c224, Duration: 19.0, Moment tensor: Sk=1016 Nm...

Station details for ISC 23 06:18:09.3 ± 0.4, 35:22S ± 0:08, 15:46W ± 0:08, h10km, n94, c1939/54, mb4.7/27, MS4.3/42, 2C, Tristan da Cunha region

Main table listing station names, frequencies, and times for the 23d 7h period. Includes stations like TRISTAN DA CUN, HORSE PASTURE, ASCENSION HYDR26, etc.

Table listing station names, frequencies, and times for the 2016 JUL period. Includes stations like TORO TOROI AR BEA, TORO TOROI AR BEA, TORO TOROI AR BEA, etc.

Station details for THE 23 06:22:01.0, 34:94N ± 25:97E, h0km, 1km, ML2.8/3, Error ellipse: s-maj=1.6km s-min=0.7km az=171.0...

Station details for ATH 23 06:22:01.1, 34:92N ± 25:86E, h10km, 3km, ML3.2/5, Error ellipse: s-maj=6.3km s-min=1.5km az=349.0...

Station details for DDA 23 06:22:02.0 ± 0.0, 35:29N ± 0:00, h0km, 1km, ML2.3, Error ellipse: s-maj=3.5/3, Error ellipse: s-maj=72.9km s-min=29.7km az=134.0...

Main table listing station names, frequencies, and times for the 2016 JUL period. Includes stations like IERAPETRA CHAN, STIA SITIA LASITHI, ZAKROS, etc.

Table listing station names, frequencies, and times for the 1204 period. Includes stations like DGB ZMIR, DENIZLI TAVAS, TAVA DENIZLI TAVAS, etc.

Station details for IDC 23 06:23:48.5 ± 1.8, 9:68S ± 127:71E, h0km, mb3.8/3, mblmp3.9/5, ML4.2/2, MS3.5/3, Error ellipse: s-maj=1.21, 3km s-min=22.6km az=59.0...

Main table listing station names, frequencies, and times for the 1204 period. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, STEPHENS CREEK, etc.

Station details for IDC 23 06:30:59.0 ± 3.4, 24:58N ± 94:98E, h127km, 34km, mb3.4/5, mblmp3.7/6, MS3.6/1, Error ellipse: s-maj=69.2km s-min=14.6km az=58.0...

Station details for ISC 23 06:30:56.5 ± 0.9, 24:55N ± 0:2, 94:6E ± 0:2, h100km, n15, c185/15, mb3.8/5, Myanmar-India border region

Main table listing station names, frequencies, and times for the 1204 period. Includes stations like ODARE, CHIANG MAI ARR, RAMM RAMTE, etc.

Station details for INET 23 06:41:53.0 ± 0.8, 8:80N ± 83:96W, h15km, 15km, MW3.4, UCR 23 06:41:54.9 ± 1.3, 8:95N ± 84:04W, h0km, 6km, MW4.2...

Station details for UPA 23 06:41:55.4 ± 1.1, 8:91N ± 84:10W, h10km, 10km, MW3.9, ISC 23 06:41:55.0 ± 1.3, 8:91N ± 0:05, 84:06W ± 0:04, h12km, 9km, n29, c973/40, 4C-2D, Off coast of Costa Rica

Main table listing station names, frequencies, and times for the 1204 period. Includes stations like DOMINICAL, PEREZ ZELEDON, CERRO DE MUERT, etc.

ML4.3/10, ML4.2/56(NEIC), Mwr4.0/6(SLM), Error ellipse: s-maj=3.8km s-min=1.7km az=87.0 NEIC 2017:16:05.3, 19:53N:155:96W, h9km, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mrr=1.10; Mtt=1.02; Mss=0.08; Mtr=0.17; Mrt=0.18; Fault plane solution: Mrr1.14000x10^15 Np1.0x80.00000, 840.00000, 1-80.00000. NP2.0x247.00000, 851.00000, 1-98.00000. Principal axes: T 1.1320, P165.0000, Azm343.0000; N 0.0011, P16.0000, Azm252.0000; P 1.1332, P162.0000, Azm113.0000.

ISC 2017:16:05.4, 7.0, 6.0, 19:55N, 0.04, 155:95W, 0.04, h15km, 4km, n87, 182/72, mb3.8/7, Hawaiian Islands

Table with columns: Code, Station Name, A Z, Op, Phase ID, ISC, Time, Res, ISC. Lists station data for stations like IS95, IS95U, KHUU, CPH, HUH, HUH, HUH, etc.

Table with columns: Code, Station Name, A Z, Op, Phase ID, ISC, Time, Res, ISC. Lists station data for stations like DLBC, PDAR, ILAR, TXAR, HHC, HHC, HHC, HHC, HHC, etc.

IDC 2017:27:43.8, 3.4, 0.77N, 125:99E, h12km, 19km, mb4.5/23, mbmp4.5/23, MS3.6/3, Error ellipse: s-maj=23.9km s-min=10.2km az=75.0 DJA 2017:27:45.4, 0.2, 1.1, N2x12.6E+, h10km, M4.6/19, mb5.0/12, mb5.1/10, MLV4.6/19, Mw(mB)4.5/10, Mw(Mwp)5.8/1, Mwps.8/1, BUJ 2017:27:47.7, 4.0, 0.74N, 126:11E, h61km, mb4.746, mb4.7/24, Ms4.4/6, Ms7.4/2/6 NEIC 2017:27:48.4, 1.7, 0.81N, 0.07x126:17E:0.05, h45km, mb4.9/64, Error ellipse: s-maj=10.2km s-min=8.0km az=185.0

ISC 2017:27:47.7, 0.5, 0.83N, 0.04, 126:16E, 0.05, h40km, 4km, s194, 193/194, mb4.8/65, MS3.5/3, 3C, Northern Molucca Sea

Table with columns: Code, Station Name, A Z, Op, Phase ID, ISC, Time, Res, ISC. Lists station data for stations like TINTI, TINTI, TINTI, TINTI, LBMI, LBMI, KMSI, KMSI, SANSI, SANSI, SANSI, etc.

Table with columns: Code, Station Name, A Z, Op, Phase ID, ISC, Time, Res, ISC. Lists station data for stations like FORT, CMAR, CMAR, CMAR, CMAR, CMAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK, GEYT, NRK, NRK, NRK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSI, KASI, MAS, KLI, PPSI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHTO, MEEK, MORW, FITZ, FITZ, etc.

MOS 23:07:41:42.3:0.9, 6:1S: 101.24E, h5km, mb5.4/58, MS4.6/19, Error ellipse: s-maj=8.8km s-min=5.1km az=110.9

PLAI Plampang 16.57 98 P Pn 07 45 38.1 +0.2
WBSI Waikabubak, Su 18.25 100 P Pn 07 45 59.3 +0.4

ASAR Alice Springs 35.64 122 P P 07 48 42.1 -1.3
QZH Quanzhou 35.78 281 P P 07 48 45.4 +1.0

23d 7h

Table with columns: Station Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like HAWA Hanford, I05D Terrebonne, JCC Jacoby Creek, etc.

2016 JUL

Table with columns: Station Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like PAL Palisades, O44A Mansfield, N49A Colonus Grove, etc.

1210

Table with columns: Station Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like U59A baz=2.0, Z41A Richland Creek, V51A Loudon, etc.

ICD 23 07:43:29.8; 0.9, 46.34N; 149.48E, h25km±4km, mb3.9/11, mbtmp4.0/11, Error ellipse: s-maj=23.3km s-min=19.9km az=126.0

SKHL 23 07:43:29.6; 0.8, 46.20N; 149.30E, h60km±2km, mb4.5/5 MOS 23 07:43:31.3; 1.5, 46.25N; 149.60E, h52km, mb4.9/4, Error ellipse: s-maj=12.2km s-min=8.8km az=75.3

NEIC 23 07:43:34.6; 1.1, 46.41N; 0.10; 149.5E; 0.1, h63km±4km, mb4.5/2.1, Error ellipse: s-maj=16.6km s-min=11.0km az=136.0

ISC 23 07:43:32.8; 0.5, 46.25N; 0.05; 149.66E; 0.06, h50km, n79, 152/80, mb4.3/23, Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR 370nm,0.3s, etc.

Table with columns: YAK, comp-Z, 15nm, 0.8s, pmax, pmax, 07 47 59.3 +1.9, etc. Includes stations like YAKUTSK, HIA, BOD, ULN, etc.

IDC 23 07:44:09.4:5.6,56:33s:26.73W, h76km, 50km, mb4.3/9, s-maj=21.5km s-min=15.9km s-min=15.9km

NEIC 23 07:44:12.1:1.2,56:52S:0.09:26.9W:0.2, h103km, 8km, mb4.9/39, Error ellipse: s-maj=13.8km s-min=12.6km az=127.0

IDC 23 07:44:11.3:0.4,56:57S:0.05:26.73W:0.06, h100km, n103, r159/106, mb4.8/26, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzE, Op, Phase ID, Time, Res, etc. Includes stations like HOPE, ORCD, VNA1, etc.

Table with columns: PMSA, LR, LR, 07 55 21.1, etc. Includes stations like Palmer Station, SMAIL, BELA, etc.

IDC 23 07:44:11.3:0.4,56:57S:0.05:26.73W:0.06, h100km, n103, r159/106, mb4.8/26, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzE, Op, Phase ID, Time, Res, etc. Includes stations like SAML, ETMB, DRV, etc.

Table with columns: ARCES, comp-Z, 0.4nm, 0.5s, baz=150, slow=4.2, SNR=5.4, etc. Includes stations like ARCES, PZH, CD2, etc.

SNET 23 07:52:46.1:0.9, 13:05N:90:20W, h26km, 8km, ML3.2 SSS 23 07:52:46.1:0.9, 13:05N:90:20W, h26km, 8km, ML3.2 GCG 23 07:52:46.1:0.9, 13:18N:90:41W, h12km, 9km, MD3.6

Table with columns: Code, Station Name, Az, AzE, Op, Phase ID, Time, Res, etc. Includes stations like NUBE, SLOZ, CEDA, etc.

IDC 23 07:54:12.5:12.0, 5:73N:125:83E, h80km, 115km, mb3.8/10, mbtmpt4.1/10, MS4.2/2, Error ellipse: s-maj=116.2km s-min=18.2km az=67.0

NEIC 23 07:54:15.7:1.9, 5:72N:0:07:125:9E:0.1, h107km, 9km, mb4.2/18, Error ellipse: s-maj=195.6km s-min=9.9km az=78.0

IDC 23 07:54:16.0:0.6, 5:74N:0:05:126.01E:0.08, h116km, n44, r1918/45, mb4.1/17, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, AzE, Op, Phase ID, Time, Res, etc. Includes stations like GSPH, DAV, KCP, etc.

23d 8h

Table with station names and coordinates for the 23d 8h section, including ARCES ARCES Array B and INK.

INET 23 08:13.13.0.0.7, 12.28N:87.60W, h25km, 5km, MW2.9
SNET 23 08:13.14.4.0.9, 12.54N:87.58W, h66km, 18km, ML3.0

Main table for the 23d 8h section listing station names, coordinates, and various parameters like Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

IDC 23 08:19.25.4.2.1, 13.27N:89.16W, h0km, mb3.7/4,
mbmp3.8/4, Error ellipse: s-maj=56.9km s-min=-44.0km

UCR 23 08:19.35.8.1.7, 13.39N:89.94W, h61km, 14km, ML4.1,
MW3.2, mb4.1(NEIC)
SNET 23 08:19.35.6.0.9, 13.36N:89.95W, h57km, 9km, ML4.1

MEX 23 08:20.26.5.0.6, 14.56N:91.60W, h20km
ISC 23 08:19.36.7.1.0, 13.41N:0.07:89.91W+0.05, h70km, 7km,
n107, r192/123, mb3.9/3, 6C-16D, El Salvador

Main table for the 23d 8h section listing station names, coordinates, and various parameters like Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

2016 JUL

Main table for the 2016 JUL section listing station names, coordinates, and various parameters like Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

1212

Main table for the 1212 section listing station names, coordinates, and various parameters like Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SBM South Baldy, Y22D IRIS PASSCAL I, and various AMTX and ANMO stations.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like OKCFA Volcan, BRUJ Volcan, and various OK025, OK030, and OK035 stations.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BBRC Vernon, 451A Vernon, and various KAN05, KAN10, and Y45A stations.

23d 8h

Table with columns: Station, Frequency, Power, Mode, etc. Includes entries like LRM C Laurel Mtn Rad, KSCO Kaye Shedlock, MAPC Malpego, etc.

2016 JUL

Table with columns: Station, Frequency, Power, Mode, etc. Includes entries like FVM French Village, Y52A Lilburn, X51A Calhoun, etc.

1214

Table with columns: Station, Frequency, Power, Mode, etc. Includes entries like R49A Shelbyville, HDIL Hopedale, HDIL Hopedale, etc.

1215

Table with columns: ID, Name, Comp, Az, El, SNR, Time, Az, El, SNR, Time, Az, El, SNR, Time. Rows include O48B, HLID, HLID, HLID, LKWY, S54A, R53A, R53A, BRRC, JFWFS, JFWFS, JFWFS, N47A, N47A, N47A, N47A, V58A, V58A, V58A, V58A, MFID, MFID, PRAC, YMR, I37B, BLA, BLA, BLA, SPBC, O49A, GARC, L44A, L44A, L44A, P51A, FLOC, Q52A, Q52A, BOSQ, MOD, RLMT, RLMT, CNNC, CNNC, URIC, BARC, T57A, T57A, N49A, N49A, N49A, I40A, CHIC, P52A, ACSO, ACSO, SDDR, RUSC, G54A, Q54A, P53A, P53A, BOZ, BOZ, BOZ, BOZ, BOZ, YBH, U59A, U59A, F33A, F33A, F33A, I42A, I42A, O52A, O52A, S57A, S57A, L04D, L04D.

2016 JUL

Table with columns: ID, Name, Comp, Az, El, SNR, Time, Az, El, SNR, Time, Az, El, SNR, Time. Rows include L04D, SPMN, SPMN, SPMN, L48A, E28A, E28A, E28A, K04D, LAO, LAO, N51A, N51A, N51A, PTLC, V61A, V61A, T59A, T59A, O53A, O53A, O53A, O53A, J05D, F36A, F36A, L02F, L02F, T04C, Q56A, AAM, AAM, AAM, MCWV, MCWV, MCWV, J04D, J04D, G40A, R58B, R58B, H43A, J47A, J47A, N53A, N53A, K02D, K02D, T60A, T60A, I45A, I45A, PTCG, CBN, CBN, CBN, M52A, M52A, I04A, I04A, I05D, I05D, MSO, MSO, MSO, ATAH, MDND, MDND, MDND, J01E, J01E, J01E, M53A, M53A, K50A, K50A, P57A, P57A, I03D, I03D, EGMT, EGMT.

23d 8h

Table with columns: COWI, Conover, 33.58, 18, IAMS_20, IAMS_20, 09 12 33.8, COWI, Conover, 33.58, 18, S, S, 09 04 00.2 +0.8, DGMT, Dagmar, 33.64, 359, P, P, 08 58 38.1 +1.0, DGMT, Dagmar, 33.64, 359, P, P, 08 58 37.6 +0.5, DGMT, 33.64, 359, S, S, 09 04 01.1 +1.2, ALLY, Alegheny Cole, 33.69, 33, P, P, 08 58 37.1 -0.5, H04D, Lebanon, 33.82, 335, IAMS_20, IAMS_20, 09 11 48.5, H04D, Lebanon, 33.82, 335, P, P, 08 58 39.2 +0.5, H04D, 33.82, 335, S, S, 09 04 04.2 +1.0, G05D, Wamic, OR, 33.87, 337, P, P, 08 58 39.0 -0.1, G05D, 33.87, 337, S, S, 09 04 04.6 +0.6, I02E, 33.94, 334, IAMS_20, IAMS_20, 09 11 33.0, I02E, SwissHome, OR, 33.94, 334, P, P, 08 58 39.7 0.0, I02E, 33.94, 334, S, S, 09 04 06.1 +0.9, SDMD, Soldier's Deli, 34.05, 39, P, P, 08 58 40.9 +0.2, HOOD, Mount Hood Mee, 34.06, 337, P, IAMB, IAMB, 08 58 42.0 +1.1, HOOD, 34.06, 337, S, S, 08 58 44.1, GLMI, Grayling, 34.08, 25, IAMS_20, IAMS_20, 09 12 44.8, GLMI, Grayling, 34.08, 25, P, P, 08 58 40.6 -0.3, GLMI, Grayling, 34.08, 25, P, P, 08 58 41.0 +0.1, AGMN, Agassiz Nation, 34.09, 9, P, P, 08 58 41.1 +0.2, AGMN, 34.09, 9, S, S, 09 04 07.9 +0.6, AGMN, Agassiz Nation, 34.09, 9, P, P, 08 58 40.8 -0.1, AGMN, 34.09, 9, S, S, 09 04 05.7 -1.6, COR, Corvallis, 34.10, 335, IAMS_20, IAMS_20, 09 12 08.0, ERPA, 34.10, 32, P, P, 08 58 40.6 -0.6, ERPA, 34.10, 32, P, P, 08 58 40.8 -0.4, I49A, Point Hope, 34.12, 27, P, P, 08 58 40.8 -0.5, I49A, 34.12, 27, S, S, 09 04 09.7 +1.8, I49A, 34.12, 27, S, S, 09 04 09.7 +1.8, SSQA, Standing Stone, 34.22, 36, P, P, 08 58 42.4 +0.2, SSQA, 34.22, 36, P, P, 08 58 42.1 -0.1, SSQA, 34.22, 36, S, S, 09 04 10.3 +0.7, HAWA, Hanford, 34.24, 340, IAMS_20, IAMS_20, 09 11 56.2, M55A, Ridgway, 34.30, 34, P, P, 08 58 42.3 -0.6, M55A, 34.30, 34, P, P, 08 58 42.3 -0.6, E43A, Lone Tree Farm, 34.51, 21, P, P, 08 58 44.3 -0.3, B35A, Bob, Littlefor, 34.53, 12, P, P, 08 58 44.4 -0.3, B35A, Bob, Littlefor, 34.53, 12, P, P, 08 58 44.4 -0.3, G03D, McInnville, O, 34.60, 335, IAMS_20, IAMS_20, 09 12 29.0, G03D, 34.60, 335, P, P, 08 58 45.9 +0.5, G03D, 34.60, 335, S, S, 09 04 17.6 +2.4, D41A, Chassel, 34.61, 18, P, P, 08 58 45.1 -0.4, D41A, Chassel, 34.61, 18, P, P, 08 58 46.0 +0.5, EYMN, Ely, 34.62, 14, P, P, 08 58 45.8 +0.1, EYMN, 34.62, 14, S, S, 09 04 15.9 +0.3, EYMN, Ely, 34.62, 14, P, P, 08 58 45.4 -0.3, EYMN, 34.62, 14, S, S, 09 04 15.4 -0.2, PAGS, Pennsylvania G, 34.63, 38, P, P, 08 58 45.8 0.0, N58A, Sunbury, 35.03, 37, P, P, 08 58 49.1 -0.1, N58A, 35.03, 37, P, P, 08 58 49.1 -0.1, WVNY, West Valley, N, 35.03, 33, P, P, 08 58 49.0 -0.3, WVNY, 35.03, 33, S, S, 09 04 18.9 -3.2, M57A, Sunshine Farm, 35.12, 36, P, P, 08 58 50.4 +0.4, M57A, 35.12, 36, P, P, 08 58 50.4 +0.4, F04D, Rainier, OR, 35.22, 336, P, P, 08 58 51.4 +0.7, F04D, 35.22, 336, S, S, 09 04 28.1 +3.4, PANJ, Princeton, 35.23, 344, IAMS_20, IAMS_20, 09 14 26.9, NEW, Newport, 35.23, 344, P, P, 08 58 51.8 +0.9, NEW, Newport, 35.23, 344, S, S, 09 04 25.6 +0.5, BAUV, El Baul, 35.33, 95, P, P, 08 58 51.2 -0.9, L56A, Greenwood, 35.41, 34, P, P, 08 58 52.4 -0.1, L56A, 35.41, 34, P, P, 08 58 52.4 -0.1, TUPA, Temple Unvers, 35.52, 39, P, P, 08 58 53.5 +0.1, J54A, Appleton, 35.63, 32, P, P, 08 58 53.5 -0.8, J54A, 35.63, 32, P, P, 08 58 53.5 -0.8, PANJ, Lac du Bonnet, 35.99, 9, P, P, 08 58 57.7 +0.7, ULM, Lac du Bonnet, 35.99, 9, P, P, 08 58 58.1 +0.8, ULM, 35.99, 9, LR, LR, 09 14 19.7, ULM, Lac du Bonnet, 35.99, 9, P, P, 08 58 57.4 -2.6, J55A, Hilton, 36.05, 33, P, P, 08 58 57.5 -0.4, J55A, 36.05, 33, P, P, 08 58 57.5 -0.4, BRNJ, Basking Ridge, 36.21, 39, P, P, 08 58 59.6 +0.3, PDPR, Patillas Dam, 36.25, 80, P, P, 08 58 58.6 -1.3, BINY, Binghamton, 36.33, 36, P, P, 08 58 50.5 +0.1, BINY, Binghamton, 36.33, 36, P, P, 08 59 00.3 0.0, BINY, 36.33, 36, S, S, 09 04 40.9 -1.0, K57A, Scipio Center, 36.38, 35, P, P, 08 59 00.4 -0.4, CBYP, Canovanas, 36.40, 79, P, IAMB, IAMB, 08 59 00.1 -1.2, ODNU, Ogdenburg, 36.43, 38, P, P, 08 59 01.1 -0.1, SADO, Sadova, 36.46, 30, LR, LR, 09 15 23.6, J56A, Wolcott, 36.56, 34, P, P, 08 59 01.7 -0.6, J56A, 36.56, 34, P, P, 08 59 01.7 -0.6, NLWA, Neilton Lookou, 36.63, 337, IAMS_20, IAMS_20, 09 13 59.8, FOR, Fordham, 36.73, 39, P, P, 08 59 04.1 +0.3, FOR, 36.73, 39, P, P, 08 59 04.1 +0.3

23d 8h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other details. Includes entries like BIRV Birongo, PAL Palisades, L59A Walton, etc.

2016 JUL

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other details. Includes entries like LPAZ La Paz, GBN Wrangell Island, WRAC Wrangell Island, etc.

1216

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other details. Includes entries like TGL Tana Glacier, BERG Berg Lake, CRQE Cirque, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like DHY Denali Highway, I26K Coal Creek Min, PRPB Parauapebas, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like CAST Castle Rocks, F26K Sheehjek River, M19K Big River Lodg, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like E22K baz=125, F21K Alatina River, C24K Franklin Bluff, etc.

23d 8h

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

2016 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like HFS Hagfors, BCLA Clavier, RCHB Rochefort, etc.

1218

Table with columns for station name, frequency, power, and other technical details. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

23d 9h

Table with 5 columns: Station ID, Name, Time, Azimuth, and Elevation. Includes stations like O20K, CHGN, SVW2, RED, RDWB, RSO, HOM, etc.

2016 JUL

Table with 5 columns: Station ID, Name, Time, Azimuth, and Elevation. Includes stations like SCLM, SSSA, KTH, CHUM, CHUM, WAT7, WMT, J20K, etc.

1220

Table with 5 columns: Station ID, Name, Time, Azimuth, and Elevation. Includes stations like IM03, KIAG, PTPK, BALM, MESA, RIDG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like P30M Million Dollar, N30M Aishkik Lake, E24K Your Creek, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like PGC Sidney, NLWA Neilton Lookou, B06A Marblemount, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like NVAR Mina Array Bea, DGMT Dagmar, DGMT Dagmar, etc.

23d 9h

2016 JUL

1226

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SVE Sverdlouvs, BIGH Upper Bighouse, KIROV Kirov, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MKAR Makanchi Array, MKAR Makanchi, MKAR Makanchi, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MNK Tegucigalpa, TGUH Tegucigalpa, TGUH Rosebush, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BTNL, BCLA, BMRD, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like GOF, LJU, SABO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details for stations in the 23d 10h range.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details for stations in the 2016 JUL range.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details for stations in the 1228 range.

Table with columns: Code, Station Name, Frequency, and other details for the IDC 23 10:00-51:00 range.

Table with columns: Code, Station Name, Frequency, and other details for the JMA 23 10:07:42.6-0.1 range.

Table with columns: Code, Station Name, Frequency, and other details for the JMA 23 10:07:50.3-3.8 range.

Table with columns for station call letters, name, time, and other details. Includes stations like GRZ, DZM, DZM, DZM, etc.

Table with columns for station call letters, name, time, and other details. Includes stations like LCRK, BBOO, BBOO, BBOO, etc.

Table with columns for station call letters, name, time, and other details. Includes stations like MYLDM, UGM, UGM, UGM, etc.

Table with columns for station call letters, name, time, and other details. Includes stations like MYLDM, UGM, UGM, UGM, etc.

1231

2016 JUL

23d 12h

Table with columns: GRNR, Gornyy, 84.04 334, j/P, P, 12.50 25.7 +1.7, and various other astronomical data points.

Table with columns: Y22A, Socorro, 89.88 52, P, P, 12.50 54.6 +2.2, and various other astronomical data points.

Table with columns: KURK, Kurchatov, 115.61 316c, i/PKIKP, PKP/Pdf, 12.56 30.9 -0.7, and various other astronomical data points.

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

CNRM 23 12:55:33.7, 35:27N:4:66W, h70km, ml3.4
MDD 23 12:55:34.2, 1.1, 35:48N:4:65W, h6km, mb_Lg1.777,
Error ellipse: s-maj=9.0km s-min=5.8km az=153.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Smir Dam, Mijas, Los Guajares, etc.

Table with columns: PESTR, Estremoz, 4.25 326 ePn, Pn, 12 56 37.4 +1.6, etc.

IDC 23 12:59:06.9, 1.0, 3:69N:92:57E, h0km, mb4.0/13,
mbmp4.0/15, ML3:82, MS3.4/14, Error ellipse:
s-maj=35.3km s-min=20.7km az=45.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LHM1, Lhok Sumawe, GSI, Gunung Sitoli, etc.

IDC 23 12:58:09.0, 0.6, 3:58N:0:08:92:54E:0:07, h24km, n88,
o:9997/4, mb4.2/29, MS3.3/13, Off west coast of northern
Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHIANG MAI ARR, CHIANG MAI, CHIANG MAI ARR, etc.

CNRM 23 12:55:33.7, 35:27N:4:66W, h70km, ml3.4
MDD 23 12:55:34.2, 1.1, 35:48N:4:65W, h6km, mb_Lg1.777,
Error ellipse: s-maj=9.0km s-min=5.8km az=153.0

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

Table with columns: SOKA, Soboth, 78.84 317 eP, P, 13 11 12.7 +1.9, etc.

IDC 23 13:08:33.1, 0.8, 32:64S:57:22E, h0km, mb3.9/9,
mbmp4.0/10, ML4.9/1, MS3.5/14, Error ellipse:
s-maj=29.3km s-min=20.0km az=74.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WTTA, Wattenberg, WATA, Walderalm, etc.

IDC 23 13:08:33.1, 0.8, 32:64S:57:22E, h0km, mb3.9/9,
mbmp4.0/10, ML4.9/1, MS3.5/14, Error ellipse:
s-maj=29.3km s-min=20.0km az=74.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FOMA, Nahampoana Res, VOI, Vohitsoka, ROCAM, Rodrigues Isla, etc.

1235

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like CDVI St. Croix, CBYP Canovanas, etc.

IDD 23 14:13:42.0, 2.07, 52.03N, 172.98W, h0km, mb3.8/17, mbmp3.9/20, ML3.9/3, MS3.0/8, Error ellipse: s-maj=26.1km s-min=12.1km az=168.0

Main table for 1235 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like KOFF Korovin Flat P, KOKL Mount Kiluchef, etc.

2016 JUL

Main table for 2016 JUL with columns: SEW, OZZK, J20K, etc. Includes entries like Seward, Cooper Landing, Nowinta River, etc.

23d 14h

Main table for 23d 14h with columns: K27K, TOLK, TOLK, etc. Includes entries like Chicken, Toolik Lake Re, Toolik Lake Re, etc.

23d 14h

Table with columns: STA, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Blacksburg, Palisades, Kings Mountain, etc.

SJA 23 14:18:14.7, 0.8, 31.19S; 72.10W, h8km, 4km, ML4.4, MW4.0, IDC 23 14:18:15.1, 0.8, 31.09S; 71.86W, h0km, mb4.0/7, mbmp3.9/11, ML3.5/4, MS3.4/13, Error ellipse: s-maj=26.8km s-min=20.8km az=104.0

Code Station Name Az Az' Phase ID Time Res

Main table of station data for the left column, including station names like Fray Jorge, Combarbal, El Pedregal, etc.

2016 JUL

Table with columns: MT01, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Popeta, Cerro Villicun, Las Melosas, etc.

AC01 Pan de Azucar 5.19 14 Pn 14 19 33.7 0.0 H03N1 Juan Fernandez 6.27 247 T T 14 26 33.8

Code Station Name Az Az' Phase ID Time Res

Main table of station data for the middle column, including station names like Nana, Extrema, Samal, etc.

1236

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tubou, Lakemba, Taveu, etc.

Code Station Name Az Az' Phase ID Time Res Includes stations like DZM, MZ, etc.

Code Station Name Az Az' Phase ID Time Res

Main table of station data for the right column, including station names like Urewera, Carnagh Statio, etc.

IDC 23 14:24:21.9, 0.6, 20.89S; 178.69W, h577km, 5km, mb4.1/27, mbmp5.0/31, Error ellipse: s-maj=10.6km s-min=9.1km az=116.0

ASAR Alice Springs 43.88 257 P P 14 31 37.9 -0.3 ASAR Alice Springs 43.88 257 P P 14 31 37.9 -0.4

23d 14h

2016 JUL

1238

Table with columns: Call Sign, Name, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R. Includes stations like MCARA, PLID, B08A, J20K, H23K, etc.

Table with columns: Call Sign, Name, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R. Includes stations like HHC, HHC, H23K, K27K, etc.

Table with columns: Call Sign, Name, Az, El, P, R, Az, El, P, R, Az, El, P, R, Az, El, P, R. Includes stations like HAMF, ARAO, ARCES, ARCES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like BTNL, BSTI, KHC, etc.

IDC 23 14:37:45.5+1.1, 15.645S, 176.36W, h390km, 25km, mb2.9/3, mbtmp3.8/6, Error ellipse: s-maj=181.0km s-min=15.8km az=155.0

ISC 23 14:37:45.5+1.7, 16.51S, 176.2W, 0.5, h400km, n6, 0.073/7, mb3.1/3, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AFI, MSVF, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like NTC, TWC, TWP, etc.

IDC 23 15:09:39.8+2.3, 19.47N, 68.47W, h0km, 28km, ML2.6 RSPR 23 15:09:43.4, 19.40N, 68.43W, h67km, 11km, MDS, 4.6

ISC 23 15:09:43.1+1.8, 19.3N, 0.2, 68.46W, 0.06, h0km, 32km, Error ellipse: s-maj=26.3km s-min=4.2km az=194.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like DR12, AGPR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WCS, WVD, SMLT, etc.

UCR 23 15:20:14.3+0.6, 10.70N, 84.98W, h167km, 4km, MW3.4 INET 23 15:20:14.9+0.8, 10.75N, 84.89W, h157km, 11km, MW2.7

ISC 23 15:20:16.5+1.4, 10.73N, 0.09, 84.96W, 0.09, h150km, n18, 0.084/20, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like VMAR, ARE1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOUNC Koumac, New Ca, DZM Mont Dzumac, etc.

GUC 23 15:25:54.1-0.8, 21.71S:68.68W, h114km, 4km, ML3.7, IDC 23 15:26:10.7-8.3, 20.16S:67.84W, h266km, 64km, mb3.4/1, mbmp3.7/2, MS2.9/1, Error ellipse: s-maj=130.5km s-min=64.3km az=148.0

ISC 23 15:25:54.9-1.3, 21.72S:68.68W, h10km, 10km, n18, 0.038/29, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IPOC Station P, LVC Limon Verde, etc.

IDC 23 15:59:18.0-1.6, 34.81N:139.40E, h0km, mb3.4/2, mbmp3.4/2, MS2.6/1, Error ellipse: s-maj=30.3km s-min=22.0km az=83.0

JMA 23 15:59:21.1-0.1, 34.9N:0.3:139.3E:0.4, h9km, 1km, Mv3.3/10, NEAR IZU-OISHIMA ISLAND

JMA Fev13 J1 at NEAR IZU-OISHIMA ISLAND

ISC 23 15:59:19.1-3.3, 34.97N:0.05:139.34E:0.07, h16km, 8km, n18, 0.056/16, 8D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KTJ3 Kamata3, JIM2 Oshima 3, etc.

IDC 23 16:15:29.8-1.8, 44.14N:105.68W, h0km, mbmp3.4/2, ML2.9/2, Error ellipse: s-maj=54.2km s-min=10.5km az=146.0

NEIC 23 16:15:30.6-2.7, 44.04N:102.105:23W:0.07, h0km, 2km, ML3.1/33, Error ellipse: s-maj=8.0km s-min=3.1km az=98.0

ISC 23 16:15:29.6-1.1, 44.03N:106.105:38W:0.04, h0km, n23, 0.182/22, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, K22A Casper, etc.

IDC 23 16:30:28.0-2.3, 4.19N:123.70E, h0km, mb3.8/3, mbmp3.4/3, MS3.9/1, Error ellipse: s-maj=289.0km s-min=26.5km az=83.0, Celebes 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, etc.

IDC 23 16:35:43.9-0.7, 8.42S:124.29E, h0km, mb4.2/11, mbmp4.3/14, ML4.5/4, MS3.4/18, Error ellipse: s-maj=29.5km s-min=15.4km az=66.0

NEIC 23 16:35:46.3-1.7, 8.50S:0.07:124.27E:0.05, h10km, 1km, mb4.7/8, Error ellipse: s-maj=12.1km s-min=8.6km az=345.0

DJA 23 16:35:46.6-0.3, 8.53S:12.12E, h10km, M4.6/17, mb4.8/15, mb5.2/7, ML4.6/17, Mw(MB)4.6/7

ISC 23 16:35:47.1-0.4, 8.49S:0.04:124.26E:0.05, h20km, n93, 0.189/785, mb4.3/16, MS3.6/14, Timor region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPSI Mapaga, JAGI Jajag, Banyuwa, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), GIRL Giralita, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, BBDO Buckleboo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, KRSR Korea Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like USKR Ussukak Arr, SONMI Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GSPA South Pole Qui, ASRA Arti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GNI Gani, BELG Belogoroye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MBAR Mbarara, LSZ Lusaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SUR Sutherland, AKASG Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, TORD Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DVP Devils Point, KOUNC Koumac, etc.

IDC 23 17:37:16.5-2.2, 5.63N:126.66E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=176.0km s-min=25.3km az=66.0

ISC 23 17:37:23.8-1.3, 5.71N:126.09E:127.6E:0.1, h50km, n7, 0.337/11, mb3.2/3, 4D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DDMP Don Marcelino, BIPH Bislig, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KCP Kidapawan, GLSP General Luna, etc.

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

Table with columns for station name, frequency, and signal strength. Includes stations like DAV Davao City (W), CJJ Chichijima, PSA00 Pilbara Seismi, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like PTCN Pitcairn Island, QIZ Qiongzong, comp=Z,530nm,22.4s, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like XLT comp=Z,770nm,19.0s, KMI Kunming, MA2 Magadan, etc.

Table with columns for station ID, name, elevation, frequency, mode, status, and coordinates. Includes stations like TTA, M20K, L20K, Q23K, etc.

Table with columns for station ID, name, elevation, frequency, mode, status, and coordinates. Includes stations like ILAR, POKR, M27K, etc.

Table with columns for station ID, name, elevation, frequency, mode, status, and coordinates. Includes stations like MPMC, BMAR, NVAR, etc.

23d 18h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Barren Site, Albuquerque, Villa Florida, etc.

2016 JUL

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Vila Real, Rosais, Soneasca Array, etc.

SOME 23 18:29:41.2, 40:15N, 77:63E, h10km
KNET 23 18:29:41.5, 0:1, 40:05N, 79:09E, mb3.8
NMC 23 18:29:44.9, 1.2, 40:25N, 77:65E, h0km, mb4.1, mpv3.9,
Error ellipse: s-maj=8.9km s-min=7.2km az=166.0
ISC 23 18:29:47.2, 2.6, 40:40N, 0:10, 77:63E, 0.04, h9km, 16km,
n63, c140/91, 20C-12D, Kyrgyzstan-Xinjiang border

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Taragay, Kyrgy, TARG, ULHL, etc.

1244

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

IDC 23 18:31:43.8, 1.0, 38:47N, 20:69E, h0km, mb3.6/12,
mtbmp3.6/16, ML3.5/4, MS2.9/3, Error ellipse:
s-maj=21.4km s-min=15.2km az=55.0
ATH 23 18:31:46.1, 38:29N, 20:48E, h15km, 1km, ML3.5/11, Error
ellipse: s-maj=1.9km s-min=0.7km az=260.0
THE 23 18:31:46.3, 38:30N, 20:46E, h12km, 1km, ML3.4/12, Error
ellipse: s-maj=1.4km s-min=0.6km az=267.0
NEIC 23 18:31:48.5, 2.3, 38:30N, 0:06, 20:35E, 0:07, h52km, 9km,
Error ellipse: s-maj=9.8km s-min=7.3km az=212.0
ISC 23 18:31:45.4, 0.6, 38:31N, 0:02, 20:43E, 0:02, h17km, 2km,
n157, c193/195, mb3.6/14, 6C-4D, Greece

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Livadi, Keph, Damouliana-K, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like DRAG, NYDR, LK2D, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PRED, TEOL, PSZ, ARSA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like TEYL, FULB, CHKT, etc.

23d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWK, SNST, TCU, NDT, WCHH, etc.

HVO 23 18:57:57.5±1.3, 19°18'N, 0°01'15.5''W, 0.02, h0km, 4km, ML2.8/12, ML2.7/46(NEIC), Error ellipse: s-maj=2.3km s-min=1.5km az=57.0

NEIC 23 18:57:57.0±1.3, 19°20'N, 0°01'15.5''W, 0.02, h15km, 4km, Error ellipse: s-maj=2.4km s-min=1.9km az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes Hawaiian Islands section with stations like KAHU, HPO, etc.

2016 JUL

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUH, PUH, POHA, STCH.

IDC 23 19:02:53.1±1.3, 35°71'N, 22°25'E, h0km, mb3.5/9, mbmp3.4/11, ML2.7/2, Error ellipse: s-maj=25.9km s-min=17.9km az=10.0

ATH 23 19:02:55.7, 35°49'N, 22°21'E, h11km, 7km, ML3.1/4, Error ellipse: s-maj=9.1km s-min=2.1km az=49.0

THE 23 19:02:55.3, 35°50'N, 22°14'E, h4km, 2km, ML2.8/8, Error ellipse: s-maj=3.4km s-min=1.4km az=56.0

ISC 23 19:02:55.4±1.4, 35°55'N, 0°05'22.18E, 0.05, h17km, 8km, n33, c103/44, mb3.5/9, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANKY, KTHR, KTHA, KNDR, etc.

IDC 23 19:20:03.6±1.7, 8°42'S, 124°37'E, h0km, mb3.4/2, mbmp3.7/6, ML3.9/4, Error ellipse: s-maj=83.7km s-min=22.5km az=58.0

DJA 23 19:20:04.1±0.5, 8°S, 124°42'E, h10km, M4.0/6, mb4.6/1, ML3.7/6

NEIC 23 19:20:06.2±2.2, 8°45'S, 0°08'12.28E, 0.04, h21km, 8km, mb4.1/6, Error ellipse: s-maj=11.4km s-min=6.1km az=180.0

ISC 23 19:20:05.4±0.7, 8°41'S, 0°05'12.43E, 0.06, h20km, n29, c254/37, mb3.6/3, Timor region

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

1246

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

ASAR Alice Springs 17.67 150 P P 19 24 12.7 +1.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 10.8 +1.5

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.1 -0.3

ASAR Alice Springs 17.67 150 P P 19 24 11.8 +0.6

ASAR Alice Springs 17.67 150 P P 19 24 11.7 +0.3

Table with columns: PDGK, Podgornoye, 1.68 226, Pn, Pn, 19 40 03.8 -0.3, etc. Includes various station names like PDGK, UZB, ZHN, KURS, etc.

PGC 23 19:43:01.01.0.66:37N-141:33W, h1km, ML3.3/7, 272km northwest of Dawson, Y Northern Alaska

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like G26K, I26K, I26K, etc.

Table with columns: WRH, Wood River Hill, 3.41 239, Pn, Pn, 19 43 54.4 +0.8, etc. Includes stations like WRH, L26K, I23K, etc.

UCR 23 19:50:17.2: 1.2, 8:25N-82:49W, h0km, 1.3km, MW4.4

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like DVD, BAGA3, BAGA3, etc.

Table with columns: AZU, Heredia, 2.33 319, eS, Sb, 19 51 28.7 -0.7, etc. Includes stations like AZU, HDC, JTS, etc.

IDC 23 19:50:54.7: 2.5, 59:36S-146:27E, h0km, mb3.6/2, mbmt3.6/3, ML3.8/1, Error ellipse: s-maj=381.3km

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

IDC 23 19:50:02.7: 1.5, 41:42N-139:32E, h0km, mb3.4/3, mbmt3.3/5, ML2.1/2, Error ellipse: s-maj=41.8km

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

USRK Ussuriysk Arr. 5.96 301 Pn Pn 19 55 31.2 +1.4

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

IDC 23 19:55:53.5: 2.0, 44:58N-81:24E, h0km, mb3.5/2, mbmt3.6/5, ML3.3/3, Error ellipse: s-maj=34.3km

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

23d 20h

Table with columns: Call Sign, Frequency, Band, Mode, Power, and other technical details for stations in the 23d 20h range.

2016 JUL

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations in the 2016 JUL range.

1248

Table with columns: Call Sign, Frequency, Band, Mode, Power, and other technical details for stations in the 1248 range.

23d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, SPB2 Spitsbergen Ar, etc.

BUI 23 21:30:02.6,0.0,0.68N,127.00E,h70km,mb4.7/50, mB4.8/19,Ms4.2/4,M7 3.9/4
IDC 23 21:30:06.9,2.0,1.11N,126.96E,h63km,17km,mb4.1/22, mbtmp4.4/24, Error ellipse: s-maj=21.0km s-min=6.3km az=78.0
DJA 23 21:30:06.2,0.6,1.1N,2.12E,h20km,6km,M4.3/13, mb4.7/10,mb4.8/8,MLV4.4/13,MW(ME)4.1/8
NEIC 23 21:30:07.3,1.4,1.15N,0.06E,126.88E,0.02,h61km,6km, mb4.8/19, Error ellipse: s-maj=9.5km s-min=2.1km az=165.0
ISC 23 21:30:07.6,0.5,1.14N,0.03E,126.86E,0.05,h69km,5km, n181,r1926/205,mb4.7/74,5C-5D,Northern Molucca Sea

Main station list table for 23d 21h. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TINTI Ternate, LBMI Labuha, SANGI Sangihe, etc.

2016 JUL

Main station list table for 2016 JUL. Columns: ENH, Enshi, Az, Phase ID, Time, Res. Includes stations like ENH Enshi, BBOO Buckleboo, PZH Panzhihua, etc.

1258

Main station list table for 1258. Columns: CHGR, Chuyangaron, Az, Phase ID, Time, Res. Includes stations like CHGR Chuyangaron, DZA Taraz, KK31 Karatay Array, etc.

IDC 23 21:45:25.7,0.5,2.36S,175.88W,h0km,mb4.5/15, mbtmp4.5/16,ML3.6/1,MS4.0/14, Error ellipse: s-maj=22.4km s-min=15.0km az=11.0
NEIC 23 21:45:26.3,2.1,23.49S,109.175W,0.1,1.10km,1km, mb4.9/4.1, Error ellipse: s-maj=17.7km s-min=12.3km az=125.0
ISC 23 21:45:26.0,0.7,2.365S,175.52W,0.07,h11km,4km, n11km:PP-P,n186,r158/183,mb4.8/39,MS4.3/22,23C-6D, Tonga Islands region

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

Table with columns for call sign, frequency, power, and other technical details. Includes stations like RAR, RAR, PINN, URZ, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like TXAR, TXAR, TXAR, TXAR, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CONA, CONA, CONA, CONA, etc.

1261

Table with columns: CPUP, Villa Florida, 9.83 116 Pn Pn, 22 20 15.8 +0.1, etc. Includes entries like Villa Florida, SAMIL, ATAH, etc.

2016 JUL

Table with columns: JCT, Junction City, 61.17 328 P pmax, 22 28 09.3 +0.2, etc. Includes entries like Junction City, Waverly, MIAR, etc.

23d 22h

Table with columns: PPT2, Papeete2, 76.64 256 eLR LR, 22 23 56.9, etc. Includes entries like Papeete2, REDW, SUR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROSA, CONA, ARSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSAM, PPTM, JRMG, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAP 23:23:12:38.1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIS, TRAM, CMOB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BCIP, DBBC, CACAO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEIC 23:23:24:01.9, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTM, ORC, WOFM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDC 23:23:53:1.8, etc.

24d 1h

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Azimuth Error, Phase, Time, Residual, and other parameters. Includes stations like Minto, Yulon-K, Pokr, etc.

2016 JUL

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Azimuth Error, Phase, Time, Residual, and other parameters. Includes stations like PETK, ULN, SONM, etc.

1266

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Azimuth Error, Phase, Time, Residual, and other parameters. Includes stations like WRA, ASAR, VANDA, etc.

NEIC 24 01:25:44.2,5.6,13S:0:09:147.5E:0:1, h35km,7km, mb4.4/21, Error ellipse: s-maj=19.0km s-min=10.4km az=116.0

ICC 24 01:25:45.3,1.6,6:15S:147.45E, h45km,15km, mb4.0/13, mbmp4.3/16, ML4.3/2, MS3.2/4, Error ellipse: s-maj=21.5km s-min=11.3km az=95.0

DJA 24 01:25:52.4,1.3,6:5S:8.174E, 1.2, h45km,9km, M5.0/11, mb5.2/3, mb4.5/11, MLV5.3/1, Mw(mB)4.6/3

ISC 24 01:25:44.0,0.5,6:20S:0:06:147.53E:0:07, h35km, n66, +174/171, mb4.3/19, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, Time, Residual, and other parameters. Includes stations like PMG, KRVT, RABL, etc.

ICC 24 01:26:30.7,5.7,3:04S:178.21W, h0km, mb3.6/2, s-min=56.9km az=156.0, Kermadec Islands

ASAR Alice Springs 42.91 268 P P 01 34 39.1 -0.2

WRA Warramunga Arr 49.51 258 P P 01 34 39.6 -0.1

FINES FINESS Array B 145.50 340 PKPbc PKPfd 01 46 09.2 -0.8

ICC 24 01:27:06.8,1.5,1:01N:93.58E, h0km, mb3.7/8, mbmp3.7/9, ML4.7/1, MS3.8/3, Error ellipse: s-maj=46.4km s-min=29.7km az=46.0

ISC 24 01:27:12.2,1.2,1:11N:0:2:93.6E:0:2, h35km, n15, +1923/101, mb3.6/8, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, Time, Residual, and other parameters. Includes stations like CMAR, H0S2, H0S3, etc.

IDC 24 01:45:08.0,0.5,2:07:68N:121.35E, h0km, mb4.4/28, mbmp4.4/32, ML3.9/3, MS3.7/29, Error ellipse: s-maj=15.6km s-min=11.0km az=83.0

MAN 24 01:45:09.2,0.65N:121.11E, h9km, Ms4.7, NEIC 24 01:45:10.0,1.4,2:07:68N:121.36E:0:04, h10km,1km, mb4.7/92, Error ellipse: s-maj=13.6km s-min=3.0km az=153.0

BUI 24 01:45:10.4,0.0,2:07:74N:14E, h9km, mb4.5/57, mb4.5/32, ML4.3/3, Ms4.4/59, Ms7.4/3/56

NIED 24 01:45:12.8,3.0,25S:121.35E, h12km, MW4.7, Moment Tensor Solution: s3, Moment Tensor: Scale 10^16Nm, Mn:0.26, Mw:0.0; Mw:0.25; Mw:0.74; Mw:1.05; Fault plane solution: Ms1.30000x10^16 NP1: +144.00000, +89.00000, +122.00000, NP2: +32.00000, +87.00000, +98.00000

JMA 24 01:45:12.8,0.6,21N:3.12E, h12km, MV4.7/12, PHILIPPINE ISLAND REGION

GCMT 24 01:45:13.0,0.4,2:05:53N:0:04:120:90E:0:03, h28km,1km, MW4.9/70, Moment Tensor Solution: s22,c23, s70,c88; Duration: 0 Moment tensor: Scale 10^16Nm: Mr1:9.4; Mw:0.07; Ms:1.87; Ms:1.87; Ms:0.44; Ms:0.41; Ms:0.6; Ms:1.46; Ms:1.5; Best double couple: Ms2 47100x10^16 NP1: +27.00000, +89.00000, +118.00000. NP2: +6.176.00000, +64.00000, +75.00000. Principal axes: T 2.5500, Plg67.0000, Azm58.0000; N -0.1630, Plg13.0000, Azm182.0000; P -2.3920, Plg18.0000, Azm277.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 01:45:09.9,0.3,3:05:69N:0:03:121:37E:0:04, h10km, n362, +193/949, mb4.7/87, MS3.9/36, 11C-19E, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, Time, Residual, and other parameters. Includes stations like SGCP, TPUB, YULB, etc.

Table with columns for station name, frequency, power, and time. Includes stations like JANG Nango, JOSM Okushiri-Mats, JKEN Kujedannarisaw, etc.

Table with columns for station name, frequency, power, and time. Includes stations like INU Inuyama, GRNR Gornyy, GRNR Gornyy, etc.

Table with columns for station name, frequency, power, and time. Includes stations like MA2 Magadan, HIA Hailar, JMW Minamidato, etc.

24d 2h

Table with columns: Station, Enshi, Time, P, P, 02 57 16.2 -0.5, 02 57 35.0 -4.0, etc. Includes stations like ENH, H1121, H11N1, etc.

2016 JUL

Table with columns: Q17K, Q18K, Q18K, Q18K, Q18K, etc. Includes stations like Contact Creek, Koktuh Hills, Koktuh Hills, etc.

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Table with columns: MCK, MCK, MCK, MCK, MCK, etc. Includes stations like McKinley, McKinley, Your Creek, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other parameters. Includes stations like SHL Hillong, SCR Sand Creek, DOK Dot Lake, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other parameters. Includes stations like INK Inuvik, M30M Minto, YUK Yukon, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other parameters. Includes stations like KBL Kabul, BBB Bella Bello, BJO Bjornoja, etc.

MOR8	Moi Rana	64.32 339	eP	P	03 01 43.1 -1.6	MNK	i/SS	SS	03 15 31.3 +2.8		
MOR8			IAMB	IAMB	03 01 44.2	MNK	pmax	pmax			
KONS	Konsvik	64.40 340	eP	P	03 01 45.1 -0.1	MNK	comp=Z,104nm,1.1s				
KONS			IAMB	IAMB	03 01 47.7	MNK	comp=E,6.0nm,1.1s				
G05D	Wamic, OR	64.47 51	P	P	03 01 47.9 +1.8	MNK	comp=E,4.0nm,17.0s				
K02A	Willamette Mer	64.58 55	P	P	03 01 48.5 +1.6	MNK	comp=Z,47nm,21.0s				
I04D	Tendick Farm,	64.68 53	P	P	03 01 49.0 +1.5	MNK	Minsk	68.41 325	i/P	03 02 11.2 +0.3	
LPSR	Galich'ya Gora	64.70 319	eP	P	03 01 47.0 -0.4	MNK	comp=E,6.0nm,1.1s				
LPSR			pmax			MNK		i/P	03 02 11.2 +0.3		
D08A	Wollman Farm,	64.74 48	IAMB	IAMB	03 01 49.9	MNK	comp=Z,104nm,1.1s,baz=46	i/P	03 02 36.3 +0.6		
SUMG	Summit	64.78 1	P	P	03 01 48.2 +0.1	MNK		i/PP	03 04 42.9 +0.4		
SUMG	Summit	64.78 1	P	P	03 01 48.2 +0.1	MNK		i/PPP	03 06 22.9		
SUMG			pmax			MNK		i/S	03 11 07.0 +2.8		
SUMG						MNK		i/SS	03 11 48.5 +1.4		
HAWA	Hanford	64.80 49	IAMB	IAMB	03 01 50.7	MNK		i/SSS	03 18 48.0		
L02F	Cave Junction	64.98 55	P	P	03 01 51.1 +1.7	MNK		i/LQ	03 27 17.4		
I05D	Terraheone, OR	64.99 52	P	P	03 01 51.1 +1.6	MNK	comp=E,4.0nm,17.1s	i/LR	03 32 17.7		
NEW	Newport	65.00 47	IAMB	IAMB	03 01 51.6	MNK		i/LRM	03 34 55.0		
NEW	Newport	65.00 47	P	P	03 01 50.5 +1.1	IIGN	comp=Z,47nm,21.0s				
PALK	Pallekele	65.07 256	LR	LR	03 31 46.1	ONI	lgnalina	68.48 327	eP	03 02 11.7 +0.3	
VORR	Voronezh	65.14 318	eP	P	03 01 50.2 -0.1	ONI	ONI	68.55 309	P	03 02 13.0 +0.8	
VORR			pmax			ONI	ONI	68.55 309	P	03 02 13.0 +0.8	
J04D	Umpqua Nationa	65.19 53	P	P	03 01 52.6 +1.6	NAO1	comp=Z,12nm,0.9s			03 02 12.5 +0.5	
VSR	Storozhevoje	65.45 318	eP	P	03 01 51.6 -0.6	VSYD	Naroch	68.58 326	eP	03 02 14.0 -0.2	
VSR			pmax			EMGT	Vaisydzialai	68.93 328	eP	03 02 15.8 +1.0	
E09A	Wood Farm, Sta	65.50 49	IAMB	IAMB	03 01 53.8 +1.1	EMB	Emerald Bay	68.98 56	IAMB	IAMB	03 02 17.3
KHMM	Horse Mountain	65.51 56	IAMB	IAMB	03 01 56.8	MOL	Molde	69.00 340	eP	03 02 13.6 -0.9	
J05D	Fort Rock, OR	65.67 53	P	P	03 01 55.9 +1.8	MOL				03 02 14.4	
L04D	Klamath Falls	65.68 54	P	P	03 01 55.5 +1.5	NC30S	comp=Z,18nm,0.9s			03 02 16.4	
MEF	Metsahovi	65.71 331	eP	P	03 01 53.3 -0.5	SOEG	NORSAR Array S	69.09 337	IAMB	IAMB	03 02 15.4 +0.3
MAK	Makhackkala	65.97 307	eP	P	03 01 53.1 -2.6	SOEG	Soedalen	69.11 358	i/P	IAMB	03 02 15.7
MAK			e/PP	PP	03 02 17.7 -3.0	PABE	Pabeze	69.27 328	eP	03 02 16.1 -0.1	
MAK			e/SP	PP	03 02 28.2 +2.5	RMQ	comp=Z,50nm,1.0s			03 02 17.5 +1.1	
MAK			e/PPP	PPP	03 04 19.6	NB2	NORSAR Subarra	69.28 337	P	03 02 15.8 -0.5	
MAK			e/S	SS	03 10 32.0 -3.4	NB2	NORSAR Subarra	69.28 337	P	03 02 15.8 -0.5	
MAK			e/SS	SS	03 11 14.9 -3.1	NOA	NORSAR Array B	69.28 337	P	03 02 16.0 -0.3	
MAK			e/SSS	SSS	03 14 54.1 +2.6	NOA	comp=Z,26nm,0.8s,baz=35,slow=6.1,SNR=341			03 36 36.5	
MAK			pmax		03 17 54.8	HFS	Magfors	69.29 336	LR	LR	03 36 13.2
RAF	Rauma	66.03 333	eP	P	03 01 56.0 +0.2	GNI	Garni	69.33 306	LR	LR	03 34 45.0
VSU	Vasula	66.09 329	i/P	P	03 01 55.2 -1.0	HLI	Halley	69.40 49	P	03 02 17.9 +0.4	
VSU			pmax			HLI	Halley	69.40 49	P	03 02 18.8 +1.3	
VSU	Vasula	66.09 329	eP	P	03 01 56.1 -0.1	NC60Z	NORSAR Array S	69.44 337	IAMB	IAMB	03 02 17.8
WALA	Waterton Lakes	66.19 45	IAMB	IAMB	03 01 59.3	AKN	Aaknes	69.47 340	eP	03 02 17.8 +0.3	
I07A	Izeze	66.20 51	IAMB	IAMB	03 01 59.9	AKN				03 02 18.5	
NSS	Namsos	66.26 339	eP	IAMB	03 01 56.7 -0.4	YERR	Yerrington	69.50 56	IAMB	IAMB	03 02 20.6
NSS			IAMB		03 01 57.8	NAO01	comp=Z,16nm,0.8s			03 02 20.6	
F10A	Beach Ranch, E	66.33 49	IAMB	IAMB	03 02 07.8	NAO01	NORSAR Array S	69.54 337	IAMB	IAMB	03 02 18.5
SCO	Scoresbysund	66.38 355	P	P	03 01 57.7 -0.2	NAO01	NORSAR Array S	69.54 337	eP	IAMB	03 02 17.3 -0.5
SCO			IAMB		03 02 00.0	BOZ	Bozeman (W)	69.60 46	P	03 02 18.2	
SCO	Scoresbysund	66.38 355	P	P	03 01 57.7 -0.2	PBUR	Paburge	69.66 329	eP	03 02 19.9 +1.3	
SCO			pmax			SFJD	Kangerlussuaq	69.89 6	LR	LR	03 02 18.5 -0.2
SCO	Scoresbysund	66.38 355	i/P	IAMB	03 01 58.8 +0.9	SFJD	Kangerlussuaq	69.89 6	LR	LR	03 35 24.2
SCO			IAMB		03 01 59.9	SFJD	Kangerlussuaq	69.89 6	P	IAMB	03 02 19.9 0.0
JTMT	Jette	66.82 46	IAMB	IAMB	03 02 03.8	SFJD	Kangerlussuaq	69.89 6	P	pmax	03 02 20.8
AS31	Alice Springs	66.83 189	P	P	03 02 02.0 +0.8	SFJD	Kangerlussuaq	69.89 6	i/P	P	03 02 19.8 0.0
ASAR	Alice Springs	66.83 189	P	P	03 02 02.2 +0.9	SKFS	Skarsfjard	70.01 307	IAMB	IAMB	03 02 20.5
ASAR	Metsahovi	66.83 189	P	P	03 02 27.4 +1.2	KAR	Kars	70.15 55	IAMB	IAMB	03 02 24.6
ASAR	comp=Z,5.2nm,0.8s,baz=9.6,slow=6.3,SNR=5.8		P	P	03 30 30.9 +3.5	KVN	Kaisererville	70.15 55	IAMB	IAMB	03 02 24.6
ASAR			PKPPKP			OSL	Oslo	70.33 337	eP	IAMB	03 02 23.1 +0.4
BMO	Blue Mountains	66.97 50	IAMB	IAMB	03 02 04.6	OSL				IAMB	03 02 23.5
MOD	Modoc Plateau	67.06 54	IAMB	IAMB	03 02 05.2	YHL	Yebgen Lake	70.33 47	IAMB	IAMB	03 02 25.7
J08A	Circle Bar Ran	67.23 52	IAMB	IAMB	03 02 06.7	SKAR	Skarslia	70.39 338	eP	IAMB	03 02 24.3 +0.3
G0F	Gofitskoye	67.24 311	i/P	P	03 02 04.6 +0.8	SKAR				IAMB	03 02 24.2
G0F			pmax			LHV	Little Hantoon	70.41 56	IAMB	IAMB	03 02 26.6
PLID	Pearl Lake	67.56 49	IAMB	IAMB	03 02 08.0	NVAR	Minna Array Bea	70.42 56	P	03 02 25.2 +1.3	
M5O	Misoula	67.58 46	IAMB	IAMB	03 02 08.8	FOO	Flo	70.46 340	eP	IAMB	03 02 23.7 +0.3
M5O	Misoula	67.58 46	P	P	03 02 06.9 +0.8	FOO				IAMB	03 02 24.3
ILULI	iluissat	67.67 5	i/P	P	03 02 05.6 -0.5	NV11	Mina Array Sit	70.51 55	P	P	03 02 24.8 +0.4
ILULI			IAMB		03 02 06.5	HYA	Hoyanger	70.54 339	eP	IAMB	03 02 24.2 +0.3
VW0R	Wild Horse Val	67.71 52	IAMB	IAMB	03 02 09.4	HYA				IAMB	03 02 24.8
TBLU	Trondheim	67.74 339	eP	IAMB	03 02 04.4 -2.2	YMR	Madison River	70.56 47	IAMB	IAMB	03 02 27.2
TBLU			IAMB		03 02 05.1	MLAC	Mammoth, Mammo	70.66 4	P	P	03 02 26.6 +1.5
ORV	Oroville	67.77 56	IAMB	IAMB	03 02 08.8	LDY2G	Dye2	70.68 4	i/P	P	03 02 25.2 +0.2
PYA1	Pyatigorsk	67.83 310	i/P	P	03 02 06.9 -0.7	LDY2G				IAMB	03 02 25.9
NCK	Natchik	67.90 309	i/P	P	03 02 08.0 0.0	FRB	Frisher Bay	70.72 14	LR	LR	03 35 58.8
NCK			pmax			WSAR	Wadi Sarin	70.73 284	LR	LR	03 38 35.1
FFC	Flin Flon	68.03 35	P	P	03 02 09.2 +0.7	ELK	Elko	70.75 52	LR	LR	03 34 46.8
FFC			IAMB		03 02 10.2	YFT	Old Faithful	70.78 47	IAMB	IAMB	03 02 30.1
FFC	Flin Flon	68.03 35	P	P	03 02 09.2 +0.7	KONO	Kongsberg	70.89 337	P	P	03 02 25.9 -0.2
FFC			pmax			KONO	Kongsberg	70.89 337	P	P	03 02 25.9 -0.2
FFC	Flin Flon	68.03 35	i/P	P	03 02 08.1 -0.4	KONO				pmax	
FFC			P	P	03 02 33.9 -0.2	KONO	comp=Z,11nm,0.8s			P	03 02 26.1 0.0
KIV	Kislovodsk	68.13 310	P	P	03 02 10.3 +0.8	KONO	Kongsberg	70.89 337	eP	IAMB	03 02 26.8
KIV			IAMB		03 02 12.0	KONO				IAMB	03 02 26.8
KIV	Kislovodsk	68.13 310	eP	P	03 02 09.9 +0.4	PAGB	Antelope Grade	70.93 59	IAMB	IAMB	03 02 29.3
KIV			e/PP	PP	03 02 35.0 +0.1	LKWY	Lake	70.93 47	IAMB	IAMB	03 02 30.7
KIV			e/S	S	03 11 02.2 +0.7	H17A	Grant Village	70.95 47	IAMB	IAMB	03 02 31.1
KIV			pmax			H17A	Grant Village	70.95 47	P	P	03 02 30.1 +2.9
KIV						SUE	Sulen	71.00 340	eP	IAMB	03 02 27.2 +0.6
KIV						SUE				IAMB	03 02 27.7
KIV						IMW	Indian Meadow	71.09 47	IAMB	IAMB	03 02 30.9
KIV						RLMT	Red Lodge	71.16 46	IAMB	IAMB	03 02 30.6
KIV						RLMT	Red Lodge	71.16 46	P	03 02 29.6 +1.3	
KIV						MOOW	Moose Ponds	71.29 47	IAMB	IAMB	03 02 32.0
KIV						TIN	Tinemaha, Big	71.34 57	P	P	03 02 31.0 +1.6
KIV						TPAW	Teton Pass	71.35 48	IAMB	IAMB	03 02 32.5
KIV						ASK	Askoy	71.38 340	eP	IAMB	03 02 29.4 +0.4
KIV						ASK				IAMB	03 02 30.1
KIV						DGMT	Dagmar	71.40 40	P	P	03 02 30.2 +0.8
KIV						BER	Bergen	71.43 339	eP	P	03 02 29.7 +0.4

BER	comp=Z,27nm,0.8s		IAMB	IAMB	03 02 30.4	LOHW	Long Hollow	71.46 47	P	P	03 02 30.8 +0.7
LOHW			IAMB			SNOW	Snow King Moun	71.48 48	IAMB	IAMB	03 02 33.1
SNOW						ODD1	Odda	71.49 339	eP	IAMB	03 02 30.3 +0.5
ODD1			IAMB		03 02 30.9	ODD1				IAMB	03 02 30.9
REDW	Red Top Meadow	71.49 48	IAMB	IAMB	03 02 33.1	REDW	Red Top Meadow	71.49 48	IAMB	IAMB	03 02 33.1
VES	Vestal, Richgr	71.59 58	P	P	03 02 31.3 +0.6	VES				IAMB	03 02 31.3 +0.6
LAO	LASA Array	71.65 43	IAMB	IAMB	03 02 33.3	LAO	LASA Array	71.65 43	IAMB	IAMB	03 02 33.3
LAO						LAO	LASA Array	71.65 43	P	P	03 02 32.1 +1.1
PKM	Mpchsion Peak	71.74 59	P	P	03 02 33.5 +1.6	PKM	Mpchsion Peak	71.74 59	P	P	03 02 33.5 +1.6
ANGG	Ammassalik, Gr	71.78 0	i/P	IAMB	03 02 30.6 -0.7	ANGG				IAMB	03 02 31.4
ANGG						ANGG				IAMB	03 02 31.4
CRWC	Cottonwood Cre	71.83 57	P	P	03 02 33.3 +0.9	CRWC				P	03 02 34.4 +1.7
GAWC	Grapevine Rang	71.91 56	P	P	03 02 34.7 +0.8	GAWC				P	03 02 34.7 +0.8
KOPT	Kop Dagi	71.91 308	P	P	03 02 33.0 +0.5	KOPT				P	03 02 33.7 +0.8
BLSS	Blasio	71.95 338	eP	IAMB	03 02 34.2	BLSS				IAMB	03 02 34.2
BCW	Bitter Crk WRG	71.96 59	IAMB	IAMB	03 02 35.8	BCW				IAMB	03 02 35.8
BORG	Borgarnes	71.97 353	P	IAMB	03 02 33.3 +0.8	BORG				IAMB	03 02 35.8
BORG			IAMB			BORG				IAMB	03 02 33.3 +0.8
ISA	Isabella Lake	72.08 58	P	P	03 02 34.2 +0.3	ISA					

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like E28A Huff, STKA Stephens Creek, VLDR Viadesti, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NVR Neurokopi, COWI Conover, OBKA Obir, etc.

Table with columns: Station, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like P38A Dawn, KEK Kerkira, LAKA Lakka, etc.

Table with columns: Station, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like PBMO Poplar Bluff, P48A Milroy, N51A Ashland, etc.

Table with columns: Station, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Y49A Blount Mountain, KEST Kesra, LRAL Lakeview Res, etc.

Table with columns: Code, Station Name, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like ANTB Antalya, KEPT Antalya-Kepez, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC, H, m, s, ISC. Includes stations like DOGA, KONYA_Doganhis, KMER, Basmaki-Afyon, etc.

JMA 24 03:26:34.5±0.2, 23.2N; 0.6±121.6E±0.7, h3km, MV2.5/9, TAIWAN REGION

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC, H, m, s, ISC. Includes stations like FULB, EYUL, YULB, EDH, etc.

2016 JUL

Table with columns: WTP, S, Sb, Time, Res, ISC, H, m, s, ISC. Includes stations like SGST, CHN4, CHN5, etc.

24d 4h

Table with columns: TWQ1, TWQ1, LATG, WDJ, WDK, TWK1, TWK1, TWKBT, NSY, NSY, NDT, NDT, ENT, ENT, ENT, NFF, NFF, NDS, NDS, YHNB, YHNB, YHNB, LIOB, LIOB, WDG, WDG, PHUB, PHUB, PHUB, YOJ, YOJ, YOJ, SX11, SX11, HATJ, HATJ, IRIT, IRIT, JKRS, JKRS, JKRS, JIJ, JIJ, JIJ, TARA, TARA, TARA, MAN 24 04:21:47, 11:38N, 124:55E, h4km, Ms3.9, etc.

24d 4h

Table of meteorological data including station names like JOW, KAPI, WHN, NJ2, ENH, CM31, CMAR, CMAR, GUMO, CHTO, PZH, PZH, PZH, XAN, XAN, XAN, XAN, XAN, CD2, CD2, CD2, KRSR, KRSR, HNS, HNS, HNS, BJT, LZH, LZH, LZH, LZH, LZH, LZH, LZH, HNC, HNC, CN2, CN2, CN2, LSA, LSA, USRK, USRK, GTA, GTA, GTA, WRA, WRA, WB2, WB2, BNX, BNX, BNX, HIA, AS31, ASAR, ASAR, ULN, ULN, SONM, SONM, KLR, KLR, ASAR, ASAR, ULN, ULN, MK31, MK31, MKAR, MKAR, MKAR.

2016 JUL

Table of meteorological data including station names like MKAR, MAK, MAK, MAK, TARG, TARG, NIL, PETK, YAK, YAK, YAK, AAK, AAK, ZAAO, ZAAO, ZALV, ZALV, ZALV, DRK, DRK, DRK, KURBB, KURBB, KURK, KURK, KBL, KBL, BTX, GAR, K31, KKAR, SEY, DZM, BVAR, BRVK, BRVK, TXI, TXI, TXI, WSAR, WSAR, NRIK, NRIK, NRIK, GEYT, GEYT, GEYT, GEYT, GEYT, ABKAR, MSVF, AKTO, AKTO, ARU, ARU, KIRV, BELG, AFI, URZ, RAYN, RAYN, RAYN, KAST, KAST, BPAW, BPAW, MLY, I23K, I23K, ILAR, BRTR, BRTR, BRTR, ARCES, ARCES, SPITS, SPITS, FINES, FINES, INK, KMB0, HFS, IDI, NB2, NOA, NOA, NOA, VRAC, JMJC, MBRAR, PPT, YKA, YKA, DAVOX, LSZ, BORG, EKA, LBTB, TROLL, WNAZ, TXAR, TXAR.

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Table of meteorological data including station names like TSUM, TORD, LSZ, CPUP, MDP, SIV, LPZA, ESDC, NNA, ATAH, GERES, NOA, NOA, IDC 24 04:32:21.5, IDC 24 04:32:26.1, Code, KALP, RCP, JAP, PGP, LUBP, TGY, TGY, WRA, ASAR, MKAR, SCH0, MDT, SADO, SADO, TKL, TORD, GERES, NOA, H10N2, H10N3, H10N1, H10S3, H10S2, FINES, ANMO, PDAR, ELK, IDC 24 04:47:27.0, ANF 24 04:47:27.0, NEIC 24 04:47:27.1, IDC 24 04:47:27.1, Code, SMCO, PV15, PV15, PV07, PV22, PV11, PV11, PV11, S22A, S22A, S22A, PV23, PV23, PV13, PV13, PV13, PV20, PV20, PV10, PV10, O20A, O20A, O20A, ISCO, ISCO, Q24A, Q24A, MIVCO, MIVCO.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SDCO Great Sand Dun, P18A Preston North, N23A Red Feather L, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like LCMT comp=N,32nm,1.8s, HVU Hansel Valley, PSUT Pine Spring, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like NB2 NORSTAR Subarra, NOA NORSAR Array B, ESDC Sonseca Array, etc.

IDC 24 04:54:37.6:0.9, 34.165N-139.04E, h0km, mb3.7/8, mbmp3.7/9, ML3.5/1, MS3.1/12, Error ellipse: s-maj=25.8km s-min=16.1km az=72.0

NIED 24 04:54:38.9:3.4:85N-139.28E, h9km, MW4.0, Moment Tensor Solution. s3 Moment tensor. Scale 10^19Nm; Mn:0.0; Mb:0.00; Mw:0.24; Mb:1.10; Mf:0.43; Fault plane solution: Ms1.20000x10^15 NP1.0:88.00000; 870.00000; 1.170.00000. NP2.0:181.00000; 881.00000; 7.20.00000.

JMA 24 04:54:38.9:0.1, 34.19N:0.2:139.3E:0.3, h3km, 1km, MW3.7/7.1, NEAR IZU-OISHIMA ISLAND JMA Feat III at NEAR IZU-OISHIMA ISLAND ISC 24 04:54:39.0:0.9, 34.31N:0.103:139.23E:0.04, h10km, 6km, n41, c1538/32, mb3.6/6, MS3.1/9, 12D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like KJTJ3 Kamata3, KJTJ5 Kamata3, JIM2 Oshima 3, JHTM Izuhatsuma, etc.

IDC 24 04:48:51.4:4.9, 36.18N:71.54E, h150km, 42km, mb3.3/8, mbmp3.9/11, MS3.2/2, Error ellipse: s-maj=47.4km s-min=30.4km az=140.0

NNC 24 04:48:54.1:8.7, 37.02N:71.27E, h0km, mb4.2, mpv4.2, Error ellipse: s-maj=74.3km s-min=55.5km az=167.0

ISC 24 04:48:57.5:0.7, 36.67N:0.06:71.6E:0.1, h200km, n30, c2506/33, mb3.2/7, 7C-1D, Afghanistan-Tajikistan border region

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

IDC 24 05:06:53.8:2.6, 11.42S:122.52E, h0km, mb3.7/1, mbmp3.5/3, ML3.3/2, Error ellipse: s-maj=201.9km s-min=33.7km az=50.0, South of Timor

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

24d 5h

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

NEIC 24 05:31:45.9,0.9,19.3N:0.2:64.8W:0.1, h16km,24km, Error ellipse: s-maj=28.4km s-min=8.1km az=202.7

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

2019 JUL

Table with columns: COEN, Coen, Az, Phase ID, Time, Res. Includes stations like MTSU, MOUNT SURPRISE, etc.

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Table with columns: MORW, KLBK, BLDU, etc. Includes stations like MORAWA, KERBERBERRIN, etc.

IDC 24 05:48:40.1:2.1, 7.06S, 122.58E, h0km, mb3.1/1, mbtm3.7/3, ML4.0/2, MS2.8/1, Error ellipse: s-maj=293.4km s-min=30.1km az=57.0, Flores Sea

Table with columns: WRA, WRA, ASAR, GUMO, MKAR, etc. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, etc.

IDC 24 05:49:38.7:1.0, 34.74N:57.24E, h0km, mb3.9/15, mbtm3.4/19, ML4.0/4, MS3.0/9, Error ellipse: s-maj=20.8km s-min=16.3km az=3.0

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

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

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

Table of event details for 1281, including names, times, and locations.

Table of event details for 2016 JUL, including names, times, and locations.

Table of event details for 24d 8h, including names, times, and locations.

24d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W3 Cape Leeuwin H, NKC Novy Kostel, KHC Kasperske Hory, etc.

IDC 24 08:46:47.5,2.2,7.02S:129.03E, h0km, mb3.4/1, mbtmp3.0, ML3.7/2, Error ellipse: s-maj=112.4km

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.

TUL 24 08:59:00.4, 1.2, 36.13N, 0.01, 97.10W, 0.01, h6km, 6km, ML2.6, mb_Lg2.3/18(NEIC), Error ellipse: s-maj=1.7km

NEIC 24 08:59:00.5, 0.9, 36.135N, 0.004, 97.10W, 0.01, h8km, 6km, Error ellipse: s-maj=1.6km s-min=0.5km az=78.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OK031 S. Brethren Rd, QUOK Quay, QUOK Cody Creek RV, etc.

JMA 24 09:45:56.7, 0.2, 25.1N, 0.8, 123.6E, 0.4, h29km, MV1.5/7, NW OFF ISHIGAKIJIMA IS, Northeast of Taiwan

2016 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IRIF Iriomote-Funau, YOJ Yonaguni jima, IJU Ishigaki jima, etc.

TAP 24 09:46:28.5, 24.27N, 121.68E, h8km, ML1.3, B, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EHP Heping Village, NACB Ninganchiao, ENA Nanau, etc.

IDC 24 10:07:25.8, 4.0, 17.75S, 178.54W, h581km, 20km, mb3.1/4, mbtmp4.0/5, Error ellipse: s-maj=102.8km

s-min=45.0km az=134.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsav, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 24 10:09:41.9, 1.2, 26.80S, 67.73E, h0km, mb3.6/6, mbtmp3.6/6, Error ellipse: s-maj=42.6km s-min=30.4km az=44.0

ISC 24 10:09:43.6, 1.1, 26.38S, 67.7E, 0.3, h10km, n12, 0.63/6, mb3.8/6, Indian Ocean Triple Junction

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

IDC 24 10:11:59.7, 7.2, 71.86N, 0.97E, h0km, mb2.9/1, mbtmp3.1/4, ML2.6/3, Error ellipse: s-maj=93.9km

BER 24 10:12:03.1, 1.7, 72.04N, 0.76E, h10km, ML2.0, Confirmed Earthquake

ISC 24 10:12:00.4, 1.7, 71.99N, 0.09, 1.1E, 0.1, h11km, n22, 0.89/2/4, Norwegian Sea

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like USP Osenovka, USP Osenovka, TRKS Terek-Say, etc.

IDC 24 10:10:25.8, 4.0, 17.75S, 178.54W, h581km, 20km, mb3.1/4, mbtmp4.0/5, Error ellipse: s-maj=102.8km

s-min=45.0km az=134.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsav, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 24 10:11:59.7, 7.2, 71.86N, 0.97E, h0km, mb2.9/1, mbtmp3.1/4, ML2.6/3, Error ellipse: s-maj=93.9km

BER 24 10:12:03.1, 1.7, 72.04N, 0.76E, h10km, ML2.0, Confirmed Earthquake

ISC 24 10:12:00.4, 1.7, 71.99N, 0.09, 1.1E, 0.1, h11km, n22, 0.89/2/4, Norwegian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BJO1 Bjornoya, LOF Lofoten, LOF Lofoten, etc.

IDC 24 10:11:59.7, 7.2, 71.86N, 0.97E, h0km, mb2.9/1, mbtmp3.1/4, ML2.6/3, Error ellipse: s-maj=93.9km

BER 24 10:12:03.1, 1.7, 72.04N, 0.76E, h10km, ML2.0, Confirmed Earthquake

ISC 24 10:12:00.4, 1.7, 71.99N, 0.09, 1.1E, 0.1, h11km, n22, 0.89/2/4, Norwegian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KONS, KIF, SPA0, HAMF, KBS, SALU, KTK1, ARAO, ARCES, ARCES, HEF, NSS, NSS, KEV, AKN, NOA, FINES, GERES.

IDC 24 10:29:51.2:3.7, 19:38S~177.97E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=204.2km s-min=30.4km az=152.0, South of Fiji Islands

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

NEIC 24 10:38:24.0:0.7, 5.1N, 0.2:125.0E:0.1, h30km, 25km, mb4.2/11, Error ellipse: s-maj=38.7km s-min=4.3km az=209.0

IDC 24 10:38:24.7:1.7, 4.51N, 126.00E, h0km, mb4.0/5, mbtmp4.0/5, Error ellipse: s-maj=107.0km s-min=23.1km az=68.0

ISC 24 10:38:18.3:4.5, 5.7N, 0.5:125.4E:0.3, h35km, n19, 0:59/18, mb4.2/10, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNTI, MYLDM, KNRA, FITZ, WB0, WRAB, WRA, WB2, WR0, AS31, ASAR, ASAR, FORT, BBOO, STKA, STKA, MKAR.

IDC 24 10:20:29.2:4.36:43S~177.93E, h0km, mb3.6/3, mbtmp3.5/3, Error ellipse: s-maj=139.2km s-min=39.8km az=175.0, Off east coast of North Island

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

IDC 24 11:01:46.7:24.0, 43:79N, 144:79E, h0km, mb3.7/4, mbtmp3.7/4, MS2.5/1, Error ellipse: s-maj=528.1km s-min=72.1km az=155.0

SKHL 24 11:02:02.0:0.3, 43:30N~144:50E, h132km, 2km, mb4.5/2, msha5.3/3

JMA 24 11:02:02.2:0.2, 43:3N, 0.6:144:50E, h135km, 1km, MV3.1/36, KUSHIRO REGION

ISC 24 11:02:01.4:0.9, 43:27N, 0.06:144:45E:0.04, h138km, 6km, n30, 0:57/37, mb3.5/4, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAK, JNK, JNK, JNK, AKK, AKR, JAR, JKH, JKH, JKH, JOB, JOB, JTR, JTR, JTR, JRA, NMR, NMR, NEM, NEM, NEM, JCH, JCH, JMP, JMP, YUK, YUK, YUK, YUK.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YUK, JFR, JUK2, JNBK, JNBK, SHO, SHO, SHO, JSE, KUR, KUR, KUR, KUR, KUR, KLR, SONM, H11N2, H11N1, H11N3, H11S1, H11S2, ZALV, MKAR, FINES.

IDC 24 11:18:35.0:3.2, 4:79S, 133:23E, h0km, mb3.4/1, mbtmp3.5/4, ML3.5/3, Error ellipse: s-maj=129.1km s-min=17.7km az=81.0, Irian Jaya region

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

IDC 24 11:26:06.9:1.7, 29:22S, 61:12E, h0km, mb3.7/6, mbtmp3.8/7, ML4.3/1, MS3.2/9, Error ellipse: s-maj=61.7km s-min=28.2km az=26.0

ISC 24 11:26:08.5:1.7, 29:2S, 0.4:61:1E:0.2, h10km, n22, 0:57/7, mb3.8/6, MS3.3/9, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OPO, OPO, H08S1, H08S2, H08S3, LBTB, KMB0, MKAR, TSUM, H01W2, H01W3, H01W1, CMAR, VNSA, ASAR, WRA, GNI, TORD, KBZ, MKAR, AKTO, ZALV, NOA, ANF, NEIC, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like F22K, G22K, G22K, G22K, H21K, H21K, H21K, H21K, PS05, H22K, H22K, H22K, H22K, E22K, E22K, E22K, G22K, G22K, G22K, G22K, G22K, I21K, I21K, I21K, PS06, H23K, H23K, H23K, H23K, GCSA, GCSA, GCSA, MLY, MLY, MLY, D23K, TOLK, TOLK, TOLK, TOLK, J20K, J20K, J20K, E24K, E24K, E24K, I23K, I23K, I23K, I23K, F24K, F24K, F24K, H24K, H24K, H24K, CHUM, CHUM, CHUM, BPAW, BPAW, BPAW, BPAW, BPAW, NEA2, NEA2, NEA2, MDM, TCOL, TCOL, COLA, COLA, COLA, COLA, POKR, POKR, POKR, BWN, BWN, BWN, C23K, C23K, C23K, K20K, K20K, K20K, RD0G, CCB, CCB, WRH, WRH, WRH, F25K, F25K, F25K, CAST, CAST, CAST, CAST, KTH, KTH, KTH, E25K, E25K, FYU.

24d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like FYU, IL31, ILAR, TRF, PRP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like ATH, THE, ISC, SIVA, etc.

2016 JUL

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like SIVA, TMBK, GVD, etc.

1284

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

1285

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Time, Res, and other technical details. Includes stations like AFI, RAR, DZM, etc.

2016 JUL

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Time, Res, and other technical details. Includes stations like LHV, RYN, NVAR, etc.

24d 12h

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Time, Res, and other technical details. Includes stations like ATAH, PZH, LVC, etc.

Table with columns: AAK, Ala-Archa, 3.21 13 Pn, Pb, 12.55 53.4 -0.3, etc. Lists various astronomical objects and their coordinates.

Table with columns: KURBB, Kurchatov Arra, 11.66 16 Pn, Pn, 12.57 45.3 +2.1, etc. Lists astronomical objects with detailed parameters and coordinates.

Table with columns: MZWR, Tabas, 5.55 356 ePn, S, Sn, 13.28 55.7 +0.9, etc. Lists astronomical objects with detailed parameters and coordinates.

JANB	Januaría	21.95 223	eP	P	14 15 44.4	-1.3	CPUP	comp=Z,120nm,1.4s	IAMB	IAMB	14 18 17.4	PAB	comp=Z,73nm,1.5s			pmax	pmax					
PRPB	Parauapebas	21.96 251	eP	P	14 15 46.1	+0.3	CPUP	Villa Florida	38.49 223	eP	P	14 18 15.6	+1.5	PAB	San Pablo	44.53 27	P	P	14 19 04.3	+0.7		
SJMB	Sao João De Ma	22.89 211	eP	P	14 15 56.2	+0.6	ZHG	ZHG	38.56 31	P	P	14 18 17.0	+2.3	PAB	Vila Real	44.54 23	eP	P	14 19 04.3	+0.7		
MC01	Montes Claros	22.90 219	eP	P	14 15 55.2	+0.7	ZHB	Extrema	36.57 253	P	IAMB	14 18 21.1	-0.9	PVLO	comp=Z,78nm,2.0s							
RIB01	Linhares Eas	23.02 209	eP	P	14 15 57.5	+0.6	ETMB	comp=Z,39nm,1.1s							CART	Lamas de Olo	44.59 23	eP	P	14 19 04.6	+0.5	
MC05	Macapa, AP	23.15 235	eP	P	14 15 58.3	+0.3	ETMB	Extrema	38.57 253	eP	P	14 18 15.9	+0.9	CART	Cartagena	44.67 32	P	P	14 19 04.1	-0.6		
PEXB	Peixe	23.14 235	eP	P	14 15 58.2	+0.1	UNIS	Unistalada (Bra	38.88 218	eP	P	14 18 18.6	+1.2	CART	Cartagena	44.67 32	S	P	14 25 45.5	+5.0		
DIAM	Diamantina, MG	23.25 216	eP	P	14 16 06.4	+0.1	CDVI	St. Croix	36.95 298	eP	IAMB	14 18 16.9	-1.1	CART	Cartagena	44.67 32	IAMB	IAMB	14 19 06.0	-0.8		
MDP	Montagnes des	23.39 280	eP	P	14 16 07.4	+0.8	CDVI	comp=Z,116nm,1.1s							MVO	comp=Z,137nm,1.7s						
MDP	165nm,1.4s,baz=92,slow=10,SNR=21						CDVI	St. Croix	38.95 298	eP	P	14 18 26.1	+8.1	MVO	Moncorvo	44.72 24	eP	P	14 19 05.5	+0.5		
MDP	165nm,1.4s						CZD	Col de Zad	39.08 33	P	LR	14 22 20.0	+2.7	MVO	comp=Z,71nm,1.5s							
ALF01	Guarapari-ES	24.30 208	eP	P	14 16 10.0	+0.7	MDT	Midelt	39.15 33	LR	LR	14 18 21.8	+0.8	MVO	comp=Z,78nm,2.0s			eS	S	14 25 43.1	+1.9	
LIC	Lamto	24.47 771	eP	P	14 16 08.1	-3.0	MDT	comp=Z,4um,20.8s,baz=40,slow=34							MVO	comp=Z,16m,0.9s			eSS	SS	14 29 04.1	+1.6
LIC	754nm,1.1s						MDT	Midelt	39.15 33	P	P	14 18 21.2	+1.6	MVO	comp=Z,1um,20.0s			eLR	LR	14 31 34.1		
TIC	Toumoudi	24.56 761	eP	P	14 16 08.8	-3.1	MDT	Midelt	39.15 33	P	P	14 18 21.2	+1.6	MVO	comp=Z,1um,20.0s					14 19 00.2	-5.2	
DBIC	Dimbokro	24.73 76	P	P	14 16 12.1	-1.3	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
DBIC	250nm,0.9s,baz=265,slow=11,SNR=151						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
DBIC	comp=Z,13um,18.3s,baz=262,slow=32						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
DBIC	250nm,0.9s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
DBIC	Dimbokro	24.73 76	P	P	14 16 11.1	-2.3	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
DBIC	Dimbokro	24.73 76	P	P	14 16 11.2	-2.2	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
KIC	Kosan Boka	24.78 771	eP	P	14 16 11.6	-2.3	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
KIC	449nm,1.0s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	P	P	14 16 16.5	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	38nm,0.9s,baz=54,slow=12,SNR=34						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,16um,18.0s,baz=52,slow=35						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	38nm,0.9s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	P	P	14 16 14.1	-1.8	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	Brasília	24.99 228	eP	P	14 16 16.4	+0.6	MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata	44.77 214	eP	P	14 19 00.2	-5.2		
BDFB	comp=Z,73nm,1.1s						MDT	St. Thomas	39.33 298	P	IAMB	14 18 22.9	-0.6	MVO	La Plata							

1291

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like LL02 Futaleuf, SABO M.te Sabotino, W57A Gilead, etc.

2016 JUL

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like HCY Herceg Novi, LONY Lake Ozonia, CRES Cresnev, etc.

24d 14h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like L56A baz=120, MOA baz=120, KBN Korca, etc.

24d 14h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like BBL5, Q54A, Q54B, etc.

2016 JUL

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like CLL, O53A, NRS, etc.

1292

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like SCHO, SCHO, SRS, etc.

Table with columns for ID, Name, and various numerical/letter data points. Includes entries like U49A Red Boiling Sp, MUD Monsted U'grnd, RDO Rodhopi, etc.

Table with columns for ID, Name, and various numerical/letter data points. Includes entries like GPK Gorka Klasztor, WWT Waverly, BLO Bloomington, etc.

Table with columns for ID, Name, and various numerical/letter data points. Includes entries like O44A Mansfield, 143A Soc's Landing, DY2G Dye2, etc.

24d 14h

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Draeger Farm, White Oak Lake, Mountain Grove, etc.

2016 JUL

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MINK, JCT, JCT, etc.

1294

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like JCT, JCT, JCT, etc.

Table with columns: TX32, KIV, KISLOVODSK, etc. Includes station names, frequencies, and signal strength indicators.

Table with columns: FFC, MAK, Y22D, Y22M, DGMT, N23A, S22A, 121A, SMCO, SAKB, K22A, K22A, K22A, SHMA, LAO, LAO, LAO, RWWY, SPITS, NOR, NOR, MVCO, MVCO, SLWR, BELG, BELG, O20A, O20A, 319A, 319A, PV07, PV13, PV23, LPV2, RPN, W18A, PRGR, RDMU, BW06, BW06, PD31, PDAR, PDAR, PDAR, RLMT, RLMT, TUC, TUC, TUC, TUC, P18A, MZR, WHFO, WHFO, GCMT, P17A, EGMT, EGMT, EGMT, KIRV, KIRV, KIRV, DOK, RBK, WUAZ, WUAZ, WUAZ, LOHW, H17A, SNOW, TMUT, TMUT, MOOW, REDW, REDW, TPWA, TPWA, AHID, AHID, FXKY, TCUT, MPU, YHL, YHL, HWUT, HWUT, HWUT, DMTO, DMTO, QLMT, U15A, MTPU, MTPU

Table with columns: MSU, MSU, MSU, MSU, BOZ, BOZ, BOZ, BOZ, BOZ, BOZ, UMZA, 214A, HRY, ASUD, DUG, DUG, DUG, DUG, DUG, DUG, ALNE, ALNE, ALNE, DLMT, DLMT, MCKEN, ASHO, ASHO, HATD, HATD, SHME, SHME, MASF, UOSS, UOSS, UOSS, BANOM, PSUT, PDMCI, ARQ, SPR3, SPR3, MSO, MSO, EDM, EDM, EDM, NEE2, WALA, WALA, WALA, HLID, HLID, BSY, BSY, JETJ, HOQ, HOQ, IRM, DQM, BC3, ELK, ELK, ELK, GMRC, R11A, R11A, MHTO, MHTO, SWSC, SWSC, SMDO, SMDO, JMDO, TUQU, BIDO, BIDO, BELC, MFID, MFID, IKP, GEYT, GEYT, GEYT, YKA, YKA, YKA, PLID, TPNV, TPNV, TPNV, SHOC, HEC, MONP, AKTO, AKTO, TPFO, PFO, PFO, PFO, PFO

24d 14h

2016 JUL

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like G03D, COR, MCCM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MCARA, H24K, H24K, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station details like frequency and power.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station details like frequency and power.

Table of 5 columns: ID, Name, Location, Distance, Direction. Rows include IRIS PASSCAL I, QUOK Quay, LENM Lemitar, TIGA Triton, U32A Winter Ranch, FCAR Ozark Folk Cen, CROK Carrier, OK038 West end E0370, HHAR Hobbs, U38A Gravette, W45A Hickory Valley, NOKA Waynoka, Y49A Blount Mountai, TUC Tucson, ANMO Albuquerque, BLOK Blackwell, OK032 Salt Plains WL, X48A Hartselle, PLAL Pickwick Lake, T35A Sooner Cattle, KAN13 South Haven SW, KAN05 Bluff City Nor, 255A Hazlehurst, 154A Montrose, FPAL Fort Pain, 214A Organ Pipe Nat, 1969 318, MGMO Mountain Grove, PBMO Poplar Bluff, PARMO Parma, GOGA Godfrey, GOGA Godfrey, Y52A Liburn, X18A Snowflake, S39A Bolivar, X51A Calhoun, WWT Waverly, WWT Waverly, SWET Sewanee, Y48A Smith Brothers, T25A Trinidad, W18A Petrified Fore, W18A Petrified Fore, W50A Signal Mountai, R32A Long Quarter, C27N Cedars of Liba, X16A Lo Mia Camp, P, CCM Cathedral Cave, CCM Cathedral Cave, R40A Maddies Statio, CPCT Cooper Cave, CBKS Cedar Bluff, HAW Hawthorne Fire, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, T47A Sharon Grove, KSU1 Kansas State U, KSU1 Kansas State U, KSU1 Kansas State U, HODGE Hodges, U49A Red Boiling Sp, V51A Loudon, S22A 4UR Ranch, Cre, TKL Tuckaleeches C, TKL Tuckaleeches C, WUAZ Wupatki, WUAZ Wupatki, KSCO Kaye Shedlock, KSCO Kaye Shedlock, MVCO Mesa Verde, MVCO Mesa Verde, NHSC New Hope, GLSA Glamis, JSC Jenkinsville, PAULI Pauline, P38A Dawn, P38A Dawn, V53A Saluda, Q24A Divide

Table of 5 columns: ID, Name, Location, Distance, Direction. Rows include T50A Nancy Paris, PDMCI Parker Dam, LAK Tazewell, TAZIN Tazewell, SWSC Sam W. Stewart, IKP In-Ko-Pah, JMCS Kings Mountain, PV13 Radium Mt., BC3 Big Chuckwall, W13A Hualapai Mount, Y58A Scranton, PV15 Paradox Valley, BIRD Birdtown, IRM Iron Mountain, PV11 David Mesa, MONP2 Monument Peak, PV07 Paradox Valley, PV20 West Nyswonger, P45A Skaggs, Pawnee, N33A J Bar K, Exete, SMCO Snowmass, PV10 Paradox Valley, PV22 Blue Mesa, PV22 Blue Mesa, PV23 Carpenter Ridg, PV21 Cone Mtn., N35A Tabor, ISCO Idaho Springs, ISCO Idaho Springs, V55A Taylorsville, BELC Belle Mtn., N38A Joes South For, PMD Palm Desert, U54A Nelsons Fun, S51A Beattyville, TPFO Pinon Flats, PFO Pinyon Flats, PFO Pinyon Flats, PFO Pinyon Flats, W57A Gilead, BLO Bloomington, OGNE Ogallala, OGNE Ogallala, G50A Paris, RMR Granite Moun, N41A Harden Midland, N41A Harden Midland, BGNE Belgrade, BGNE Belgrade, LCMT Little Creek M, MURC Murieta, HDL Hopdale, MTPU Mount Pierson, SZCU Shurtz Canyon, TUQ Turquoise Moun, SRU San Rafael Sw, L34A Svendsen Farm, Q20A White River Ci, Q20A White River Ci, O20A White River Ci, N23A Red Feather La, N23A Red Feather La, Q16A Castle Valley, SFIN Lafayette, SFIN Lafayette, SCIA State Center, P49A Miami Univ, P49A Miami Univ, P49A Miami Univ, MSU Marysval, MVU Marysval, BFSC Mount Baldy R, PHWY Pilot Hill, P18A Preston Nutter, S54A Dingess, Beckl, S54A Dingess, Beckl, BLA Blacksbury, BLA Blacksbury, P17A Butcher Ranch, GSC Goldstone, TMUT Trail Mountain, TMUT Trail Mountain

Table of 5 columns: ID, Name, Location, Distance, Direction. Rows include R53A Hurricane, O48B Farmland, Q52A Bidwell, P51A Williamsport, RDMU Red Mountain, EDW2 Edwards Air Fo, L42A Oliver, Polo, O49A Covington, K38A Parkersburg, N47A Urbana, LRMC Laurel Mtn Rad, RWWW Rawlins, RWWW Rawlins, TPNV Topopah Spring, TPNV Topopah Spring, MPU Maple Canyon, MPMC Manual Prospe, NLU Northy Min, P52A Corning, P52A Corning, SC2Z Santa Cruz Isl, Q54A Cox Mills, Q54A Cox Mills, ACSO Alum Creek Sta, L44A Lake County Fo, ARVC Arvin, P53A Whipple, SPR3 Spring Creek 3, JFWS Jewell Farm, JFWS Jewell Farm, ISA Isabella, Lake, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, BANI BANI, R11A Troy Canyon, C, R11A Troy Canyon, K22A Casper, K22A Casper, K22A Casper, DUG Dugway, Tooele, DUG Dugway, Tooele, CWC Cottonwood Cre, TCUT Toone Canyon, JSRW J. Sargeant Re, I37A Lemond, Waseca, O53A New Philadelph, N51A Ashland, LWUT Hardware Ranch, I40A Norwalk, I40A Norwalk, RSSD Black Hills, RSSD Black Hills, BWO6 Boulder Array, BWO6 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, AAAM Ann Arbor, Q08A Carvers, HVU Hansel Valley, NV11 Mina Array Sit, NVAR Mina Array Bea, NVAR Mina Array Bea, ELK Elko, ELK Elko, SPMN Marine on St, SPMN Marine on St, M53A Wy Miller and, RYN Ryan, KVN Kaiserville, ECR Eagle Creek, REDW Red Top Meadow, SNOW Snow King Moun, SNOW Snow King Moun, F33A Mile Ranch, F36A Milaca, F36A Milaca, FXWY Fox Creek, MOOW Moose Ponds, SSPA Standing Stone, SSPA Standing Stone, IMW Indian Meadow, M55A Ridgway, E28A Huff, G45A Sutons Bay, RLMT Red Lodge, RLMT Red Lodge, GLMI Grayling, YHL Heboen Lake, HLID Hailey, HLID Hailey, L56A Greenwood, L56A Greenwood, E43A Lone Tree Farm, E43A Lone Tree Farm, MCMT McKenzie Canyo

24d 15h

Table of station data for '24d 15h' including columns for call letters, station name, frequency, power, and other details. Includes stations like BOZ, J55A, AGMM, BINY, etc.

2016 JUL

Table of station data for '2016 JUL' including columns for call letters, station name, frequency, power, and other details. Includes stations like K24K, J25K, J25K, RC01, etc.

1300

Table of station data for '1300' including columns for call letters, station name, frequency, power, and other details. Includes stations like GERS, WRA, ASAR, PZH, etc.

1301

2016 JUL

24d 15h

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes entries like LZB Baital, BTLS Shalkode, SHLS Shalkode, etc.

TAP 24 15:30:55.8,24°82'N,122°29'E,h11km,ML2.6,D
JMA 24 15:30:56.2,0.1,24°7'N,0.8,122°3.0'E,4,h38km,4km,
MV1.6/7,TAIWAN REGION
ISC 24 15:30:55.6,1.0,24°79'N,0.0,122°32'E,0.0,2,h15km,8km,
n52,e0.63/89,2C,Taiwan region

Main table of station observations for 1301, including codes like TWB1, NTC, TWC, TWP, etc., with their respective station names and data points.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes entries like ESL Shilin, CHWG Renai, WUSB Renai, etc.

NDI 24 15:33:07.6,3.2,12°18'N,93°22'E,h67km,17km,ML4.2,
mb4,(NEIC)
IDC 24 15:33:07.8,3.4,12°16'N,93°41'E,h72km,28km,mb3.7/13,
mbtmp4.0/14,Error ellipse: s-maj=25.2km s-min=14.2km
az=45.0,
NEIC 24 15:33:07.3,1.7,12°73'N,0°07'93°31'E,0.09,h63km,4km,
mb4,4/38,Error ellipse: s-maj=13.0km s-min=9.4km
az=111.0,
ISC 24 15:33:07.1,0.4,12°78'N,0°05'93°26'E,0.06,h63km,n94,
r151/101,mb4.3/35,1C,Andaman Islands region

Main table of station observations for 1302, including codes like JJJ, YUS, ALS, etc., with their respective station names and data points.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes entries like WRA Warramunga Arr, WRA Warramunga Arr, WR0 Warramunga Arr, etc.

Main table of station observations for 1303, including codes like WRA Warramunga Arr, WRA Warramunga Arr, WR0 Warramunga Arr, etc., with their respective station names and data points.

24d 16h

Table of astronomical observations for 24d 16h. Columns include station name, time, azimuth, elevation, and various data points like SNR and error ellipses.

2016 JUL

Table of astronomical observations for 2016 JUL. Columns include station name, time, azimuth, elevation, and various data points like SNR and error ellipses.

1302

Table of astronomical observations for 1302. Columns include station name, time, azimuth, elevation, and various data points like SNR and error ellipses.

ISU 24 16:09:46.8, 39°56'N, 73°50'E, h3km

KNET 24 16:09:48.0, 39°58'N, 73°33'E, mb3.1
SOME 24 16:09:53.7, 39°58'N, 73°73'E, h5km
NNC 24 16:09:54.4, 6.2, 39°64'N, 73°61'E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=45.6km s-min=29.7km az=160.0

ISC 24 16:09:47.6, 2.1, 39°46'N, 0°08'73.50E, 0.04, h1km, 13km, n23, i169/38, 7C-7D, Tajikistan-Xinjiang border region

Table of astronomical observations for the ISU region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters.

IDC 24 16:22:06.7, 4.4, 29°44'S, 178°20'W, h0km, mb3.5/2, mbmtpp3.5/2, Error ellipse: s-maj=247.9km s-min=54.2km az=162.0, Kermadec Islands

Table of astronomical observations for the IDC region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters.

MAN 24 16:22:16, 11°95'N, 121°55'E, h21km, Ms4.5, Panay

Table of astronomical observations for the MAN region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters.

GUC 24 16:18:58.0, 2.2, 22°27'S, 67°48'W, h186km, 6km, ML3.6

SCB 24 16:18:59.7, 0.8, 22°22'S, 67°42'W, h171km, 1km, ML3.4/7, MWV2.9, Error ellipse: s-maj=5.6km s-min=5.6km az=0.0

ISC 24 16:18:56.0, 2.2, 22°25'S, 0°10'76.40W, 0.05, h195km, 18km, n23, i129/31, 13C, Chile-Bolivia border region

Table of astronomical observations for the GUC region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FRFB Futura, CNLB Canela, BB19B Bebedouro, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EBAD Badajoz, EBAJ Beja, MESJ Mesesjana, etc.

IDC 24 16:34:41.0±.8, 5.49N, 74.97W, h127km, 124km, mb3.0/2, mbmp3.4/2, Error ellipse: s-maj=677.6km s-min=28.1km az=60.0

RSNC 24 16:34:40.1±.1, 3.677N, 73.16W, h142km, 5km, ML3.7, Mw4.0, Fault plane solution: NPT1p=28.00000, 646.00000, 1.18.00000

ISC 24 16:34:37.1±.0, 6.832N, 0.03, 73.10W, 0.04, h155km, 6km, 141.1, ±18.78/73, 5C-3D, Northern Colombia

MDD 24 16:42:14.0±.0, 3.3559N, 3.75W, h0km, mb_Lg3.0/25, Error ellipse: s-maj=3.1km s-min=1.9km az=2.0

SFS 24 16:42:14.0±.0, 3.556N, 3.73W, ML3.0, ALBORAN SUR CNRM 24 16:42:14.1, 3.557N, 3.67W, h21km, ml3.3

INMG 24 16:42:15.0±.1, 6.3562N, 3.76W, h0km, ML2.6, Error ellipse: s-maj=3.9km s-min=2.6km az=173.0

IGL 24 16:42:15.9±.0, 3.557N, 3.75W, h2km, ML2.1 LGD 24 16:42:15.9±.0, 3.557N, 3.74W, h30km

ISC 24 16:42:13.9±.1, 3.5556N, 0.02, 3.72W, 0.02, h18km, 7km, n87, ±19.43/154, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BARC Barichara, PAMC Pamplona, BRRC Barranca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PALE Palesmas, WMEL Melilla, EALB Alboran, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUD Guadarrama, ALCOCHETE Alcocchete, CASTELO BRANCO Castelo Branco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HELC Santa Helena, UREC San Jos de Ur, LL1C La Loma 1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CZZ Col de Zad, MD31 Zarzadilla, MDT Midelt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ECAL Calabor, ECAL Cabril, ELOB Lobios, etc.

24d 18h

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Alice Springs, Port Moresby, Stephens Creek.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Stephens Creek, Casey, Lajitas Array.

MAJ 24 17:14:19.8, 0.02N, 126.97E, h27km, Ms3.8
DUN 24 17:14:20.3, 0.8, 8.1N, 6.127E, h48km, 6km, M4.6/25, mB4.8/4, mb4.5/25, ML4.8/6, Mw(m)B4.0/4

ISC 24 17:14:20.8, 1.1, 8.02N, 126.88E, 0.07, h48km, 10km,
h102, c1992/112, mb4.2/35, MS2.8/6, 3C-12D, Mindanao

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Bislig, Mati, Butuan, Davao City (W).

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Davao City (W), General Luna, Kidapawan, Cagayan de Oro.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Don Marcelino, Cotabato-PC H, Bagumbayan, Su.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Maasin, Tagbilaran, Pagadian, Lapu-Lapu.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Sipulan, Sangihe, Jordan, Roxas, Virac.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Ternate, Labuha, Lhadu, Marisa.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Tolitoli, Sorong, Luwuk, Sanani.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Baumata, GUMO, JOW, PLAI.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like TWSI, MTN, JSU, KNRA.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Chichijima, Nanjing, NKAT, JNU.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Fitzroy Crossi, FITZ, KULM.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Hachiojima 2, WB0, WRA.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like WRA, WB2, WRO.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like WRA, WB2, WRO.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like WRA, WB2, WRO.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like WRA, WB2, WRO.

2016 JUL

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like Alice Springs, HHC, USSRYSK.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like USSRYSK, MORW, FORT, GAI.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like LSA, H1N1, H1N2, KLR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like BBOO, STKA, SONM.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like WMQ, WMQ, WMQ, PETK.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like YAK, MK31, MKAR, MKAR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like MKAR, MAKZ, ZALV.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like AAK, KURB, KURK, NRIK.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like ARU, ILAR, KLMR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like ARCES, BRTR, VVDA.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like VVDA, FINES, AKASG.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like HFS, TXAR, TORD.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like PLCA, IDC 24 17:42:52.9, 9.0, 23.70S, 176.02W.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like MSVF, MSVF, DZM.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like PPT, ASAR, WRA.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like PETK, TXAR, CMAR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like AKASG, NIED 24 17:57:14.2, 37.33N, 141.97E.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like JMK, JFK, JMST, ONAJ.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like JMK, JMM, JIO, JFT.

1304

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like OKURA, ICHINOSEKI, SHIRATAKA.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like YANAIZU, KANEYAMA.

NEIC 24 18:03:32.5, 2.4, 46.06N, 0.08, 150.8E, 0.1, h91km, 4km,
mb5.5/306, Mw0.5/229, Mww5.2, Error ellipse:
s-maj=13.5km s-min=9.4km az=139.0

NEIC 24 18:03:21.46, 0.05N, 150.78E, h100km, Moment Tensor
Solution. Moment tensor: Scale 10^16Nm, Mr4.87,
Mw0.04, Mw0.491, Mw4.73, Mw0.20, Mw5.36; Fault
plane solution: Mb8.890000*10^16 NP1.0=180.680000*,
delta21.260000*, lambda5.350000*, NP2.0=37.240000*, delta26.400000*,
lambda2.470000*. Principal axes: T: 8.8086, Plg6.000000*,
AzM325.000000*, N: 0.1700, Plg12.000000*, AzM213.000000*,
P: -8.9786, Plg27.000000*, AzM117.000000*

MOS 24 18:03:32.8, 1.1, 46.15N, 150.70E, h111km, mb5.8/37,
MS4.0/13 Error ellipse: s-maj=5.9km s-min=4.4km
az=93.4

SKHL 24 18:03:33.0, 0.1, 45.80N, 151.00E, h116km, 8km, mb5.8/12,
mbv5.5/6, ms4.5/6, msh6.2/3, msha6.9/7
IDC 24 18:03:34.0, 0.5, 46.13N, 150.71E, h108km, 4km, mb5.1/28,
mbtmp5.4/35, MS4.0/73, Error ellipse: s-maj=8.8km
s-min=7.6km az=102.0

CGMT 24 18:03:35.0, 0.1, 46.04N, 0.01, 151.04E, 0.1,
h104km, 1km, MW5.3/143, Moment Tensor Solution.
s110, c168; s143, c270; Duration: 10s Moment tensor:
Scale 10^17Nm; Mr0.46; 0.1; Mw0.18; 0.2; Mw0.63; 0.2;
Mw0.5; 0.1; Mw0.15; 0.1; Mw0.57; 0.1; Best double
lambda3.000000*, NP2.0=36.000000*, delta74.000000*,
lambda1.1000000*. Principal axes: T: 9.430, Plg56.000000*,
AzM333.000000*, N: 0.1400, Plg20.000000*, AzM10.000000*,
P: -0.9910, Plg26.000000*, AzM110.000000*, nsta1 refers to surface waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NIED 24 18:03:35.1, 4.5, 28N, 150.98E, h124km, MW5.3, Moment
Tensor Solution. s3 Moment tensor: Scale 10^16Nm;
Mr0.43; Mw0.427; Mw0.470; Mw0.548; Mw0.28; Mw0.542;
Fault plane solution: Mb8.930000*10^16 NP1:
delta138.000000*, lambda330.000000*, lambda3.000000*,
delta89.000000*, lambda120.000000*. NP2.0=45.000000*,
lambda120.000000*

JMA 24 18:03:35.1, 0.45, N3.3, 15.1E, h124km, MD5.2/17,
MW5.3/17, KURILE ISLANDS REGION.
JMA Felt J1 at KURILE ISLANDS REGION.
NEIC 24 18:03:39.45, 74N, 150.88E, h80km, Moment Tensor
Solution. Duration: 10s Moment tensor: Scale 10^16Nm;
Mr1.5; Mw0.41; Mw0.474; Mw0.3; Mw0.205; Mw0.396;
Fault plane solution: Mb7.380000*10^16 NP1:
delta189.000000*, lambda25.000000*, lambda68.000000*. NP2.0=33.000000*,
delta67.000000*, lambda100.000000*. Principal axes: T: 7.2908,
Plg67.000000*, AzM321.000000*, N: 0.1700, Plg9.000000*,
delta210.000000*, P: -7.4608, Plg21.000000*, AzM116.000000*

ISC 24 18:03:36.0, 0.3, 46.07N, 0.03, 150.73E, 0.03, h108km, 1km,
h109km, Pp, n1690, c193/1744, mb5.6/404, 182C-74D,
Kuril Islands

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res. Includes stations like KUR, KUR, KUR.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like JAK, YSS, JMP, JAR, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like PET, JTM, JANG, JSI2, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like BNX, SCS, SEY, etc.

24d 18h

2016 JUL

1306

Table with columns for station ID, name, coordinates, elevation, and various signal quality metrics (e.g., SNR, SNRr, SNRb).

Table with columns for station ID, name, coordinates, elevation, and various signal quality metrics (e.g., SNR, SNRr, SNRb).

Table with columns for station ID, name, coordinates, elevation, and various signal quality metrics (e.g., SNR, SNRr, SNRb).

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, etc. Includes stations like HDA, IL31, ILAR, ILAR, ILAR, etc.

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, etc. Includes stations like ZALV, ZALV, ZALV, ZALV, ZALV, etc.

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, etc. Includes stations like KURK, KURK, KURK, KURK, KURK, etc.

24d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TAPN, AAK, KBS, etc.

2016 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BHK, KAPI, BUCK, etc.

1308

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PNTR, HLID, MNSI, etc.

24d 18h

2016 JUL

1310

Table listing stations (e.g., DIKM, VLDR, UZH) with columns for call letters, frequencies, and various flags (P, A, M, L, R, S, X, F, etc.).

Table listing stations (e.g., AJN, TLBR, UZH) with columns for call letters, frequencies, and various flags (P, A, M, L, R, S, X, F, etc.).

Table listing stations (e.g., ANTO, ANKA, COPA) with columns for call letters, frequencies, and various flags (P, A, M, L, R, S, X, F, etc.).

1311

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like L48A, KOGS, BMRD, AAM, RCHB, DIM, SFIN, SFIN, ELSH, MCH1, SOKA, STRD, PGB, WLF, WLF, DOU, TRQ, MONM, N47A, BOVS, Q44A, PLD, FVM, SWN1, Z35A, TEKS, KBA, X37A, IWEX, OBKA, RSBS, HMNX, VTS, RAO, DIVS, A052A, RZN, MYKA, WATA, ALN, RDO, CRES, WTTA, BFO, RETA, MOTA, OLIL, PRED, N49A, N49A, LJU, SQT, ABTA, A051A, M50A, O48B, CADS, BBLs, JCT, BLY, BOJS, S44A, HWQ, MMB, CEY, RUDO, J54A, WHTX, WHTX, FETA, PBMO, DAVA, SJS, NVR, SMTH, KAVA, CIMO, HTL, MGRS, MIAR, MIAR, MIAR, O49A, O49A.

2016 JUL

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like BMNY, LCAR, SKDS, WHAR, P48A, P48A, P48A, E62A, E62A, E62A, THAS, J55A, J55A, BHL, M52A, M52A, LONY, SRS, Z38A, Z38A, ERPA, ERPA, N51A, N51A, SRKY, KOKK, DAVOX, UPM, WOCN, FCWRN, P49A, P49A, SKO, DYA, KNT, VAY, J56A, J56A, LIA, M53A, SOH, PRK, ACSSO, ACSSO, CSS, WVNY, BATG, ALLY, F62A, F62A, E63A, E63A, 435B, J57A, J57A, BGR, SICI, GRG, HORT, PDG, CCA1, THE, PLG, NCB, DRLN, WLAR, WLAR, TREB, N53A, N53A, N53A, J58A, J58A, G62A, G62A, G62A, PMOR, F63A, F63A, VT1, STON, K57A, DRME, P51A, P51A, PAIG, HCY, O52A, O52A, R49A, R49A, F64A, F64A, JQE, JQM, L56A.

24d 18h

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like L56A, J59A, J59A, JSA, JSA, M55A, M55A, O53A, T47A, CHOS, OHR, Q51A, Q51A, Z41A, FNA, PKME, PKME, H62A, H62A, P52A, LBNH, SENIN, 833A, 833A, LIT, TIR, NATX, NATX, R50A, R50A, ACCN, PSDB, UPAO, KZN, WVT, WVT, WVT, WVT, O54A, O54A, BINY, W45A, NEO, P53A, P53A, WVL, Q52A, Q52A, PENT, G65A, G65A, J61A, J61A, J61A, 735A, KYMI, M57A, M57A, M57A, I63A, I63A, I63A, PPT, PPT, PPT, PPT, L59A, L59A, ARG, THL, OXF, OXF, GHAJ, GHAJ, TIAR, LMN, ROFS, LSK, RAYN, RAYN, RAYN, RAYN, HKT, HKT, U49A, U49A, SSFA, SSFA, SSFA, T50A, T50A.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like CUGUR, YAHY, SVAN, KAYSERI, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like MODS, MODA, ROSALIA, MINSK, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like MDT, MBAR, ARCES, TOR, etc.

AAE 24:20:33:59.0,5,9,12N:40:00E,ho3km,3gkm,ML4.1, Ethiopia

Table with columns for Code, Station Name, Frequency, Mode, and other parameters. Includes stations like ANKE, AAE, AAK, etc.

ICD 24:20:34:41.7,4,7,35,96N:71:30E,h57km,32km,mb3.57, mbmp3,8,12,ML3,7/5,Error ellipse: s-maj=56.6km

NINC 24:20:34:51.8,15,0,36,84N:71:03E,h226km,184km,mb3.1, mpv4.1,Error ellipse: s-maj=152.3km s-min=78.3km az=6.0

ISC 24:20:34:45.9,0,9,36,23N:0:08,71:51E,0:09,h100km,n31, c1993/33,mb3,7/6,3C-3D,Afghanistan-Tajikistan border region

Table with columns for Code, Station Name, Frequency, Mode, and other parameters. Includes stations like AML, EKS2, AAK, etc.

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

IDC 24 22:40:50.0:1.9, 24.75S:175.98W, h0km, mb4.2/5, m-bmp4.1/6, ML4.6/1, MS3.6/3, Error ellipse: s-maj=61.4km s-min=33.8km az=154.0

ISC 24 22:40:57.3:1.4, 24.55S:176.1W:0.2, h35km, n11, c183r, mb4.0/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonavsu, RAR Rarotonga, DZM Mont Dzumac, etc.

NEIC 24 23:03:11.0:2.5, 22.66S:0.06:68.48W:0.09, h108km, 6km, mb4.5/24, Mw4.3/31, ML4.3(GUC), Error ellipse: s-maj=1.6km s-min=6.3km az=86.0

IDC 24 23:03:10.7:0.6, 22.94S:68.40W, h94km, 8km, mb3.9/6, mbmp4.2/10, MS2.7/2, Error ellipse: s-maj=24.2km s-min=21.2km az=174.0

GUC 24 23:03:11.6:0.9, 22.69S:68.58W, h111km, 4km, ML4.3 NEIC 24 23:03:11.4:0.2, 22.70S:68.54W, h104km, Moment tensor: Scale: 10^15Nm; Mw:0.77; Ms:0.72; Mo:0.64; Mo:0.39; Mr:0.36; Fault plane solution: Ms:3.53000e+10; Np1:168.86000e+03; delta3:38000e+03; delta2:318.58000e+03; delta1:67.66000e+03; 1.59.95000e+03; Principal axes: T:3.4932, P:15.0000e+03; Azm3:0.000e+00; N:0.0678, Plg4:0.000e+00; Azm3:4.0000e+00; -3.5610, Plg3:0.000e+00; Azm2:5.000e+00

ISC 24 23:03:10.6:0.6, 22.94S:68.40W:0.05, h108km, 5km, n8, c183r/115, mb4.5/13, 14C-2D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, AF01 San Pedro de A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB15 IPOC Station P, PB09 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB07 IPOC Station P, PB01 IPOC Station P, PB02 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, PB14 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LCO Las Campanas, CO01 Jurupa del Tor, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, CPUP Villa Florida, MT09 Talagante, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MACA Macapuru, GO07 Milladeo Hill, BOAV Boa Vista, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GLA Glamis, PV11 David Mesa, PV11 Red Feather La, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PHWY Pilot Hill, Q20A White River Ci, F33A 5 Mile Ranch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSU Marysvalle, MVU Marysvalle, LCH Last Change Ra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ELK Elk, TOAO Torodi Arr, TORD Torodi Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BOSA Boshof, ESDD Sonca Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, MKAR Makanchi Array, IDC 24 23:09:45.8:1.4, 15.00N:96.27E, h0km, mb3.7/7, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like INU Inuyama, JGF Kuroka, JGF Kuroka, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MDOB Mudurnu, MDOB Mudurnu, FOMA Nahampoana Res, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAFF Raffo Rosso, DAVOX Davos/Dischmat, IDC 24 23:30:52.3:0.8, 7.35S:155.26E, h0km, mb4.2/10, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, RABL Keravat (AS076), KRVT 3.5nm, 0.3s, bazz=118, slow=6.9, SNR=2.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRVT 11nm, 0.3s, bazz=213, slow=3.2, SNR=5.5, etc.

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

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

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SONGINGO Array, MAKANCHI Array, ZALESOVO Array, etc.

RNSC 25 00:37:30.7-1.3, 6.83N-73.11W, h155km, ML3.7, Mw3.9, 6C-3D, Fault plane solution: NP1, 0.13, 0.00000, 0.26, 0.00000, 1.138, 0.00000, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like BARC, PAMC, BARRANCA, SANTA, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PRAC, SJCC, PLMC, LCBC, etc.

IDC 25 01:56:27.1-5.9, 18.10S-178.68W, h599km, 25km, mb27.3, mbtpp3.6/4, Error ellipse: s-maj=214.4km s-min=29.6km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MSVF, WRA, ASAR, ILAR, BRTR, GERES, etc.

IDC 25 02:22:29.8-2.1, 0.64N-126.40E, h0km, mb3.4/3, mbtpp3.4/3, MS3.9/1, Error ellipse: s-maj=162.9km s-min=28.8km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like WRA, ASAR, MSVF, MKAR, etc.

ROM 25 02:27:43.8-0.1, 43.748N-0.008-7.59E, 0.01, h13km, 1km, ML3.0/23, Error ellipse: s-maj=0.9km s-min=0.6km az=229.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like WRA, ASAR, MKAR, etc.

STR 25 02:27:44.0-4.0, 6.44N-3.31E, h5km, MLv3.5/6, Error ellipse: s-maj=0.0km s-min=0.0km az=139.1, preliminary LDG 25 02:27:44.7-0.1, 43.80N-7.63E, h7km, Md3.2, ML3.5/6, Error ellipse: s-maj=1.5km s-min=1.2km az=152.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like GIARDINI BOTAN, SOSEL, ESCA, SAOGE, etc.

25d 3h

2016 JUL

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Main table containing astronomical data for 25 days in July 2016. Columns include station codes (e.g., MONC, RSP, SARZ), object names (e.g., Moncucco Torin, Reno Superiore, Bardonecchia), coordinates (RA, Dec), magnitudes, and other parameters like position angle and error ellipse.

IDC 25 03:08:56.1+1.8, 19:57S:69:06W, h95km, 16km, mb3.9/6, mbmp4.3/10, MS2.5/1, Error ellipse: s-maj=20.8km s-min=13.4km az=112.0
NEIC 25 03:08:58.3+2.4, 19:73S:02:69:25W, 0.07km, h110km, 6km, mb4.5/19, ML4.3(GUC), Error ellipse: s-maj=10.7km s-min=3.3km az=87.0
GUC 25 03:08:59.0+0.7, 19:69S:69:23W, h102km, 3km, ML4.3
ISC 25 03:08:56.7+0.5, 19:69S:03:69:18W, 0.05, h103km, 5km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chusmiza, IPOC Station P, Huaiquique, Diego Aracena, Punta Patache, Limon Verde, San Pedro de A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Puyuhuapi, Isla Dawson, RCBR, San Juan, Palmer Station, Milroy, Neumayer-Watz, Dimbokro, Torodi Arr. Bea, Yellowknife Arr, Alice Springs, Warramunga Arr, Makanchi Array, Songo Arr, PanZhihua, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Concordia, Manacapuru-AM, Pedras Altas, San Juan Bosco, Brasilia, Paso Flores, Puerto Olayes, Otavalo, Boa Vista, Cerro Castillo, Puerto Natalia, etc.

25d 3h

2016 JUL

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mblmp4.5/25, Error ellipse: s-maj=12.8km s-min=9.7km az=19.0
MOS 25 03:44:58.1+0.8, 36.75N-71.43E, h182km, mb4.5/36, Error ellipse: s-maj=7.6km s-min=4.3km az=92.7
NEIC 25 03:44:58.8+1.5, 36.69N-106.713E, h178km, mb4.4/82, Error ellipse: s-maj=10.0km s-min=8.9km az=79.0

BUI 25 03:44:59.2+0.0, 36.80N-71.57E, h173km, mb4.5/23, mb4.5/13
NNC 25 03:44:59.2+5.2, 37.00N-71.08E, h166km, mb4.6/1, mp4.9, Error ellipse: s-maj=25.4km s-min=14.1km az=165.0

ISC 25 03:44:57.8+0.4, 36.71N-104.713E, h168km, mb4.4/90, pP-p, n333, t+162/370, mb4.4/90, 35C-25D, Afghanistan-Tajikistan border region

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

Table with columns: JHNSI, Jhansi, Time, Az, Phase ID, Time, Res, ISC. Lists seismic events and station data.

Table with columns: RAYN, Lanzhou, KIROV, Voronezh, etc. Lists seismic events and station data.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like OJC, MORC, VYAC, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like DY2G, TOLK, COLD, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like ZARC, NORC, ROSC, etc.

ADC 25 03:49:46.9:0.2, 22:39S:68:55W, h109km, 3km, mb3.8/14, s-min=12.5km az=131.0

GUC 25 03:49:48.8:0.2, 22:39S:68:61W, h114km, 4km, ML 4.4

NEIC 25 03:49:48.8:0.2, 22:42S:0:04:68:60W, 0:05, h113km, 5km

ISC 25 03:49:47.1:0.5, 22:38S:0:03:68:50W, 0:05, h110km, 4km, n93, s142/115, mb4.3/23, 8C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC, WBR2, WRR0, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like PBO1, PBO2, PATCX, PB10, TA01, GO01, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like CO06, CO06, CO06, LCO, LCO, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like JAN, JAN, JAN, TSLSK, TSLSK, etc.

1327

Table with columns: Code, Station Name, Time, Res, ISC. Rows include KURBB Kurchatov Arra, ZALV Zalesov Beam, TXAR Lajitias Array.

1327

Table with columns: Code, Station Name, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, WRA Warrunguna Arr, ASAR Alice Springs, MKAR Makanchi Array.

KRNET 25 05:00:54.8±0.1, 39°50'N:73°71'E, mb3.5

Table with columns: Code, Station Name, Time, Res, ISC. Rows include OHH Osh, GAR Garm, TRKS Terek-Say, UCH Uchter, AAK Ala-Archa, MRKS Merke.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include MRKS Merke, MRKS Merke, TKM2 Tokmak 2, KST KasteK, KST KasteK, KST KasteK.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include KST KasteK, SGDS Sogindiy, SGDS Sogindiy, SGDS Sogindiy, DGS Degeres, DGS Degeres, DGS Degeres.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include DGS Degeres, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include KK31 Karatay Array, MTBS Matibue, MTBS Matibue, BRLS Borolday, BRLS Borolday, BRLS Borolday.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include BRLS Borolday, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, MDOK Medeo, MDOK Medeo, MDOK Medeo.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include MDOK Medeo, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, MDOK Medeo, MDOK Medeo, MDOK Medeo.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include MDOK Medeo, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, MDOK Medeo, MDOK Medeo, MDOK Medeo.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include MDOK Medeo, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, MDOK Medeo, MDOK Medeo, MDOK Medeo.

2016 JUL

Table with columns: Code, Station Name, Time, Res, ISC. Rows include BTLS Baital, BTLS Baital.

NEIC 25 05:28:54.2±1.4, 22°65'S:0°09'N:179°2'W:0.2, h577km, mb16km

Table with columns: Code, Station Name, Time, Res, ISC. Rows include MSVF Nonsavu, RAO Raoul Island, MARNO Waere, Loyalty, MARNO Waere, Loyalty.

IC 25 05:55.6±0.7, 22°49'S:0°08'N:179°49'W:0.1, h579km, n42, ±144/44, mb4.1/16, South of Fiji Islands

Table with columns: Code, Station Name, Time, Res, ISC. Rows include MSVF Nonsavu, RAO Raoul Island, MARNO Waere, Loyalty, MARNO Waere, Loyalty, MARNO Waere, Loyalty.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include CTAO Charters Tower, STKA Stephens Creek, STKA Stephens Creek, COEN Coen, AS31 Alice Springs, AS31 Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

25d 5h

Table with columns: Code, Station Name, Time, Res, ISC. Rows include KURK Kurchatov, KURK Kurchatov.

FINES FINESSE Array B

Table with columns: Code, Station Name, Time, Res, ISC. Rows include KURB Kurchatov Arra, TORO Torodi Arr.

IC 25 05:54:49.9±1.7, 2°43'N:128°48'E, h180km, 137km, mb3.6/7, mbmp4.1/7, Error ellipse: s-maj=137.7km

Table with columns: Code, Station Name, Time, Res, ISC. Rows include TNTI Ternate, TNTI Ternate, LBMI Labuha, LBMI Labuha.

DJA 25 05:54:56.5±0.4, 2°N:3°12'E, h200km, 3km, M4.2/22, mb4.9/5, mb4.3/22, MLV4.3/17, MWM(B)4.2/5

Table with columns: Code, Station Name, Time, Res, ISC. Rows include KCP Kimpawan, FAKI Fak Fak, FAKI Fak Fak, LUWI Luwuk, MRSI Marisa.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include POLI Politoi, BBSI Baital, BNSI Bone, SPSI Sidrap Palu.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include BSSI Bau Bau, MMRI Maumere, EDFI Ende Flores, BASI Baing Sumba.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include WBSI Waikabubak, MTN Mantion Dam, PLAI Plampang, TWSI Taliwang, SRBI Sumbawa.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include DNP Denpasar, IGBI Igitau, ABJI Asem Bagus, KNRA Kununurra, JAGI Jajag.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include BLJ Banyuwangi, GMJI Gumukmas, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include WBO Warrunguna Arr, WRA Warrunguna Arr, WRA Warrunguna Arr, WRA Warrunguna Arr.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include WRA Warrunguna Arr, WRA Warrunguna Arr, WRA Warrunguna Arr, WRA Warrunguna Arr.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include WRA Warrunguna Arr, WRA Warrunguna Arr, WRA Warrunguna Arr, WRA Warrunguna Arr.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JKRS, HATJ, HATJ, HATJ, HATJ, HATJ, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SCRR, I26K, I26K, I26K, I26K, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PB11, PB11, TA01, TA01, PATCX, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like TKM2, SMLA, MDOK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like NC204, DAVOX, ESDC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like PLAI, TWSI, WBSI, etc.

25d 7h

Table listing station data for the first section, including station names like Jimena Fronter, Nijar, Lijar, Quesada, Col de Zad, Adamuz, etc., and their respective coordinates and elevation data.

2016 JUL

Main table listing station data for the second section, including station names like Bisoca, Nehoiu, Ploestina, Vrincoiaia, etc., and their respective coordinates and elevation data.

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Table listing station data for the third section, including station names like Hawqa, Rachaya, Bhanes, Deir Qamar, etc., and their respective coordinates and elevation data.

1331

Table with columns: Station Name, Time, Res, Code. Rows include BOS/Bosho, LB/Lobate, LS/Lusak, etc.

Table with columns: Station Name, Time, Res, Code. Rows include YKA Yellowknife Arr, AKASG Malin Arr, etc.

NEIC 25 07:58:40.0 1.7, 10.2S: 0.1, 161.8E: 0.1, h51km, 13km, mb4.3/11, Error ellipse: s-maj=22.1km s-min=14.2km az=48.0

NOU 25 07:58:41.8, 10.21S: 161.72E, h41km, mb5.1/13, Solomon Islands

IDC 25 07:58:42.5 2.9, 10.37S: 161.55E, h79km, 21km, mb3.5/6, mbtmp3.9/7, MS3.2/6, Error ellipse: s-maj=29.0km s-min=19.8km az=66.0

Table with columns: Station Name, Time, Res, Code. Rows include WRA Warrungarra Arr, AKASG Malin Arr, etc.

2016 JUL

Table with columns: Station Name, Time, Res, Code. Rows include ASAR, KNRA, FITZ, etc.

MOS 25 08:38:40.8 0.8, 4.69S: 143.95E, h75km, mb5.3/31, Error ellipse: s-maj=10.0km s-min=6.2km az=107.4

IDC 25 08:38:44.1 0.5, 4.73S: 144.02E, h91km, 4km, mb4.5/22, mbtmp4.9/25, MS3.7/6, Error ellipse: s-maj=13.7km s-min=8.8km az=73.0

NEIC 25 08:38:44.5 1.6, 4.71S: 0.0, 143.98E: 0.0, h87km, 4km, mb5.1/170, Error ellipse: s-maj=9.8km s-min=4.4km az=212.0

GCMT 25 08:38:46.5 0.3, 4.78S: 0.0, 144.03E: 0.0, h93km, 2km, MV5.0/70, Moment Tensor Solution, s48c54, s70c101; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=3.38/11; Mw=1.97; 12; Mo=1.41; 14; Mb=0.37; 10; Mo=1.90; 11; Mw=0.49; 11; Mb=1.48; 10; M0=2000.0; 10; M0=3400.0; 10; Np2: 0.133, 0.000; 85.0, 0.000; -1.87, 0.000; Principal axes: T 3.6610, Pg5.000; Azm221.000; N -0.2250, Plg2.000; Azm311.000; P -3.4360, Plg85.000; Azm66.000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 25 08:38:46.1 0.3, 5.2S: 147.4E, h100km, 3km, M4.9/49, mb5.3/21, mb5.0/49, MLV5.4/Mw(mb)4.8/21

ISC 25 08:38:43.9 0.3, 4.80S: 143.98E: 0.0, h92km, 2km, h92km: PP-A, n804, 1916/800, mb5.1/155, 8C-20D, New Guinea

Table with columns: Station Name, Time, Res, Code. Rows include Code, Station Name, A, AZ, Phase ID, Time, Res, Code.

Table with columns: Station Name, Time, Res, Code. Rows include QLP Quilpie, MMRI Maumere, RMQ Roma, etc.

Table with columns: Station Name, Time, Res, Code. Rows include FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, EDPI Flores, etc.

Table with columns: Station Name, Time, Res, Code. Rows include WBSI Waikabubak, Su, WRKA Warakurna, WRKA Warakurna, etc.

Table with columns: Station Name, Time, Res, Code. Rows include DZM Mont Dzumac, DZM Mont Dzumac, ONTNC Owen Toro, etc.

Table with columns: Station Name, Time, Res, Code. Rows include MSV Nonsavu, MSV Nonsavu, MSV Nonsavu, etc.

Table with columns: Station Name, Time, Res, Code. Rows include MORW Morawa, MORW Morawa, TPUB Ta-pu, etc.

Table with columns: Station Name, Time, Res, Code. Rows include TATO Taipei, NWAO Narragin (SRO), NWAO Narragin (SRO), etc.

Table with columns: Station Name, Time, Res, Code. Rows include JMN Monobe, JMN Monobe, JNG Nakatsu, etc.

Table with columns: Station Name, Time, Res, Code. Rows include MAJO Matushiro, MAJO Matushiro, MAJO Matushiro, etc.

25 Aug 15

Table with columns: Station Name, Time, Res, Code. Rows include QLP Quilpie, MMRI Maumere, RMQ Roma, etc.

Table with columns: Station Name, Time, Res, Code. Rows include FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, EDPI Flores, etc.

Table with columns: Station Name, Time, Res, Code. Rows include WBSI Waikabubak, Su, WRKA Warakurna, WRKA Warakurna, etc.

Table with columns: Station Name, Time, Res, Code. Rows include DZM Mont Dzumac, DZM Mont Dzumac, ONTNC Owen Toro, etc.

Table with columns: Station Name, Time, Res, Code. Rows include MSV Nonsavu, MSV Nonsavu, MSV Nonsavu, etc.

Table with columns: Station Name, Time, Res, Code. Rows include MORW Morawa, MORW Morawa, TPUB Ta-pu, etc.

Table with columns: Station Name, Time, Res, Code. Rows include TATO Taipei, NWAO Narragin (SRO), NWAO Narragin (SRO), etc.

Table with columns: Station Name, Time, Res, Code. Rows include JMN Monobe, JMN Monobe, JNG Nakatsu, etc.

Table with columns: Station Name, Time, Res, Code. Rows include MAJO Matushiro, MAJO Matushiro, MAJO Matushiro, etc.

25d 8h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Lists stations like FINES, 121A, ANMO, AKASG, etc.

2016 JUL

Main table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Lists stations like TKL, W52A, Q54A, etc.

1334

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Lists stations like PB16, LPAZ, LPZAF, etc.

BULI 25 08:58:27.0, 0.49, 575x126, 29x5, h5km, mb5.7/76, m86.2/78, MS5.5/89, MS7.5/4/84, etc.

NEIC 25 08:39:21.9, 0.9, 17.15S:0.07W:2.0W:0.1, h156km, 6km, mb2.4/22, Error ellipse: s-maj=15.6km s-min=9.4km, etc.

Table with columns: ARPS, Mount Arapiles, 17.09 47 P, Pn, 09 02 29.1 0.0, etc. Lists various locations and their associated data points.

Table with columns: BWBA Marble Bar, 28.85 347 P, P, 09 04 28.6 +0.1, etc. Lists various locations and their associated data points.

Table with columns: SOEI Soe, 39.75 357 P, P, 09 05 04.9 +2.0, etc. Lists various locations and their associated data points.

25d 8h

Table with columns: IATA, Airline, Flight, Class, Status, Time, Delay, etc. Includes airlines like MYLDM, VNA2, NVA2, etc.

2016 JUL

Table with columns: IATA, Airline, Flight, Class, Status, Time, Delay, etc. Includes airlines like YULB, GRAF, PPT2, etc.

1336

Table with columns: IATA, Airline, Flight, Class, Status, Time, Delay, etc. Includes airlines like KEIM, MG05, UPI, etc.

25d 8h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KIV, FALS, SOCI, ARU, BRTR, DBIC, etc.

2016 JUL

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O18K, Q19K, T19R, N18K, etc.

1338

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PMR, CHUM, MACC, GHO, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MOA Molin, SJCC San Jacinto, DLBC Dease Lake, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like BSD Bornholm Skovb, 833A Uria, NEW Newport, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like OK038, MDN Morne-David, FNO Franklin, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PMOZ, MCH1, LRW, KESW, ESK, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like M44A, TZTN, ZFIN, SFIN, G40A, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like J61A, TRQ, HRV, LBNH, etc.

ADC 25 09:00:25.7A.0.4, 49:50Sx126:27E, h0km, mb5.1/27, mbmp5.1/27, Error ellipse: s-maj=17.3km s-min=12.7km az=109.0

GCMT 25 09:00:27.4.0.2, 49:48Sx0:01:126:37E, 0:03, h12km, MMV5.6/101, Moment Tensor Solution, s40, c50;

Code Station Name Az Az' Phase ID Time Res Code Station Name Az Az' Phase ID Time Res

TAU Tasmania Unive 15.91 74 Pn T 09 04 11.9 +0.6 HTW1 Cape Leeuwin H 17.11 324 T P 09 22 03.6

HTW2 Cape Leeuwin H 17.12 324 T T 09 22 02.2 HTW3 Cape Leeuwin H 17.13 324 T T 09 22 02.5

ASAR Alice Springs 26.43 16 P P 09 06 03.7 -0.8 ASAR Alice Springs 26.43 16 P P 09 06 04.5 0.0

Table with columns: Station, Frequency, Power, Class, and Date/Time. Includes stations like HNR, KRVT, TOLIZ, MSVF, SBUM, MYKOM, MYLDM, RPSI, H08S2, H08S3, TARA, FOMA, GUMO, PMSA, VOI, PALK, OPO, QIZ, ORCD, CMAR, TPUB, TATO, SUR, BOSA, HOPE, WAKE, JCJ, HYBB, LSZ, TAPN, COYC, JHS, JIRN, PKI, PKIN, GUN, DMN, GKN, DANN, MJAR, MAJO, PYUN, KSAR, INCN, TSUM, JSD, KMB, PLCA, PLCA, RPN, BJT, MIDW, TRQA, MBAR, USRK, ATD, FURI, NIL, PEP, UOSS, YSS, ULN, KLR, HIA.

Table with columns: Station, Frequency, Power, Class, and Date/Time. Includes stations like AAK, MAKZ, PET, LVC, MA2, YAK, H10S2, H10S3, BRV, GHAJ, GNI, CSS, KIV, BRTR, TIXI, BILL, ISP, TORD, RCBR, IDI, CHIR, P18K, Q19K, N18K, TIRR, OTAV, O19K, SVW2, TAM, M20K, CAPN, OBN, RDG, K20K, RC01, SLBS, PWL, CUT, AKAS, TIR, KTH, SML, BPAW, FID, H21K, SCM, RDN, KAIM, PDG, MCK, RAG, BWN, HOPS, HMT, SHT, DHY, BMRM, NEA2, BERG, DIVS, N25K, SNH, WRH, MDM, CCB, VCRB, MESA, PFO, ISLE, YAH, ILAR, A21K, ORV, TABL, CTGM, J25K, LOGN, YBH, J01E, UNM, J26L, L27K, HDC, I02E.

Table with columns: Station, Frequency, Power, Class, and Date/Time. Includes stations like PSZ, NYU, NVAR, SNET, MBO, MOD, BCIP, JIS, BOAB, M30M, LVZ, J29M, P33M, FINES, ELK, HAWA, EPT, GERES, TXAR, TXAR, BMO, DUG, SQT, MOTA, INK, KEV, RETA, CLL, CLL, ARCES, DAVA, MVCO, GRAI, HWUT, KVTX, TEIG, RGN, STU, SENI, BFO, JCT, HATO, DLMT, REDW, TPWA, IMW, LOHW, FLWY, SDCO, PDAR, BOZ, A36M, LKWY, C36M, GRGR, A35B, AVE, ISCO, HKT, NOA, PHWY, MTDJ, SFS, EGMT, ESDC, ESDC, PAB, MPOM, NATX, YKA, YKA, PBAR, BOK, LAO, OGN, PCVE, OK029, Z38A, PBEJ, MORF, PFI, MESJ, PTEO, PESTR, GTRY, EVO.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like UCH, KTMS, CHKK, AAK, CHMS, etc.

IDC 25 09:16:58.4+1.0,39.12Nk:73.60E,h0km,mb3.8/13, mbtmp3.9/19,ML3.3/6, Error ellipse: s-maj=19.2km s-min=16.3km az=190.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like OHH, DRK, GAR, AML, TRKS, UCH, EKS2, AAK, MRKS, KBK, CHGR, ULHL, CHMS, TAS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TKM2, DZA, USP, KST, SGDS, CHM, DGS, MTBS, KK31, KKAR, AAA, BRLS, MDOK, KTBS, KUU, CHHK, SATY, KURS, UZB, BTLS, PDGK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like AAA, BRLS, MDOK, KTBS, KUU, CHHK, SATY, KURS, UZB, BTLS, PDGK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like PDGK, MKAR, KURBB, GEYT, AB31, AKTO, ZALV, ARU, BELG, SONM, BRTR, AKAS, FINES, ARCES, NB2, NOA, ESDC, TORD, INK, ILAR, WRA, ASAR, etc.

KRSC 25 09:30:04.7+2.5,49.21Nk:156.32E,h40km,26km,ML4.2, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SKR, PAU, KDTU, ASAK, MTVR, RUS, GRL, APC, PET, DALK, UGLR, AVH, KOK, SMAR, KRER, SDR, SPN, GNL, KIL, MKZ, TUMR, KBTR, etc.

IDC 25 09:38:57.3+2.6,40.36Nk:78.77E,h0km,mb3.6/1, mbtmp3.6/5,ML3.4/4, Error ellipse: s-maj=37.7km s-min=19.7km az=133.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like PRZ, ULHL, SATY, SATY, UZB, SHLS, SHLS, MDOK, MDOK, MDOK, IZV, etc.

25d 9h

Table with columns: Call sign, Frequency, Mode, Direction, Time, and other parameters. Includes stations like IZV, KNDC, AAA, PDGK, KURS, MTBS, KST, TCM2, DGS, KBK, UCH, KTBS, CHKK, AAK, CHMS, KUUV, KRBS, AMJ, DJR, USP, SGDS, ANX.

2016 JUL

Table with columns: Call sign, Frequency, Mode, Direction, Time, and other parameters. Includes stations like EKS2, MRKS, BTLS, KK31, MAKZ, MK31, MKAR, KURBB, ZALV, TORD, TSKL, LK2D, NYDR, JAN, DRAG, IGT, EVGI, FSK, PVO, EVR, KASA, THL, KEF4, SRN, MAKR, MAKR, ANX.

Table with columns: Call sign, Frequency, Mode, Direction, Time, and other parameters. Includes stations like ANX, KEK, DMLN, DMLN, DMLN, VLS, VLS, VLS, KEF3, KEF3, KEF3, PENT, PENT, PSDA, PSDA, EFP, EFP, EFP, AGG, AGG, AGG, AGG, TYRN, TYRN, SERG, SERG, SERG, RLS, RLS, RLS, RLS, NEST, NEST, NEST, LAKA, LAKA, LAKA, LAKA, KZN, KZN, KZN, DRO, DRO, DRO, AXAR, AXAR, AXAR, AXAR, KLV, KLV, KLV, LIT, LIT, LIT, FNA, FNA, FNA, ATAL, ATAL, ATAL, THAL, THAL, THAL, NEO, NEO, NEO, OHR, OHR, OHR, LTK, LTK, LTK, ACOR, ACOR, ACOR, LOUT, LOUT, LOUT, VIL2, VIL2, VIL2, ITM, ITM, ITM, VAY, VAY, VAY, SKO, SKO, SKO, ULC, ULC, ULC, TIP, TIP, TIP, DRME, DRME, DRME, BUM, BUM, BUM, PDG, PDG, PDG, TTD, TTD, TTD, CEME, CEME, CEME, HCY, HCY, HCY, IVA, IVA, IVA.

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Table of station data for the first section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Stations include KOME, NKME, Vitosha, TREB, BRAT, etc.

Table of station data for the second section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Stations include I46RU, ZALVO, KURBB, MKAR, etc.

Table of station data for the third section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Stations include KUR, SHO, YUK, etc.

25d 14h

Table with columns: WBO, WRAB, WRA, WB2, WB2, WCJ, WCJ, AS31, ASAR, ASAR, STKA, PEAOB, PETK, PETK, MKAR, MKAR, ZALV, ZALV, KDAK, KDAK, J20K, J20K, M20K, M20K, IMAR, IMAR, CNST, CNST. Includes station names, coordinates, and seismic data.

IDC 25 13:40:03.24.7.22.86S:65.90W, h217km, 62km, mb3.2/1, mbtmp3.7/3, Error ellipse: s-maj=94.0km s-min=23.0km az=98.0

GUC 25 13:40:05.9.0.5.22.84S:66.72W, h292km, 7km, ML3.6

ISC 25 13:40:07.0.1.1.22.79S:0.06.689W:0.10, h30km, n18, az=98/33, 3C, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Limon Verde, IPOC Station P, Punta Patache, etc.

JMA 25 13:45:37.6.0.5.24°N 124°E, h170km, 2km, MV1.2/5, NEAR ISHIGAKI/JIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Hateruma Jima, Iriomote-Funau, etc.

TAP 25 13:46:31.1, 24.39N:121.77E, h25km, 1km, ML1.5, D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Nanau, Wuta, Suao, etc.

2016 JUL

Table with columns: NNSB, NNSB, NNSH, NNSH, NNS, NNS, FUSB, FUSB, FUSB, FUSB, YHNB, YHNB, YHNB, YHNB, NWLT, NWLT, NWLT, NWLT, NSK, NSK, NSK, NSK, EGS, EGS, EGS, EGS, WHF, WHF, WHF, WHF, TWT, TWT, TWT, TWT, TIPB, TIPB, TIPB, TIPB, CHGB, CHGB, CHGB, CHGB, NFF, NFF, NFF, NFF, OWD, OWD, OWD, OWD, SX11, SX11, SX11, SX11, WUSB, WUSB, WUSB, WUSB, WVDT, WVDT, WVDT, WVDT, YULB, YULB, YULB, YULB.

KRNET 25 14:05:56.9.0.1, 43.83N:69.74E, mb3.5

SOME 25 14:05:59.4, 43.60N:69.65E

NIC 25 14:06:00.4, 1.9, 43.62N:69.71E, h0km, mb3.9, mpv3.3, Error ellipse: s-maj=10.8km s-min=6.3km az=133.0, Suspected Mining explosion

ISC 25 14:06:01.7-2.1, 43.52N:0.07.697E:0.09, h0km, n14, az=141/21, 6C-4D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Borolday, BRLS, KK31, KK31, KKAR, KKAR, IUG, IUG, TRKS, TRKS, MRKS, MRKS, EKS2, EKS2, BTLS, BTLS, SGDS, SGDS, ARLS, ARLS, ARLS, ARLS, KRBS, KRBS, KRBS, KRBS, DGS, DGS, DGS, DGS, KST, KST, KST, KST, KUU, KUU, KUU, KUU.

IDC 25 14:09:33.2.1.6.25.66N:140.93E, h170km, 15km, mb3.2/4, mbtmp3.6/6, Error ellipse: s-maj=29.4km s-min=21.5km az=91.0

JMA 25 14:09:36.0.0.1, 25.9N:0.4.14.1E, h154km, MV3.9/25, ITO IISLANDS REGION

ISC 25 14:09:35.7.1.1, 25.99N:0.09.141E:0.1, h200km, n14, az=209/19, m3.3/4, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JHH2, JHH2, CBIJ, CBIJ, CBIJ, CBIJ, CJC, CJC, BSO4, BSO4, BSO4, BSO4, JHU, JHU, JHU, JHU, JYT, JYT, JYT, JYT, JAG, JAG, JAG, JAG, JHO, JHO, JHO, JHO, KRSR, KRSR, KRSR, KRSR, WRA, WRA, WRA, WRA.

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Table with columns: MKAR, MKAR, NVAR, NVAR, PDAR, PDAR. Includes station names, coordinates, and seismic data.

IDC 25 14:45:30.2.7.1, 18.01S:177.11W, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=308.6km s-min=38.3km az=142.0, Fiji Islands region

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

SJA 25 14:59:29.2.0.8, 30.79S:71.76W, h25km, 3km, ML4.8, MW4.6

GUC 25 14:59:29.0.8.0, 30.80S:71.44W, h42km, 2km, ML4.8

IDC 25 14:59:29.0.6.30.84S:71.37W, h40km, 4km, mb4.3/11, mbtmp4.5/16, ML4.3/5, MS3.7/11, Error ellipse: s-maj=18.8km s-min=14.2km az=89.0

NEIC 25 14:59:29.2, 30.82S:71.53W, h50km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm, Mr=0.0, Ms=1.35, Mw=9.95, Mn=0.63, Ml=1.76, Mv=1.78, Fault plane solution: M=9.70000e1015, NP1=168.61000, 850.64000, 1.86.36000, NP2=354.34000, 839.50000, 1.94.43000, Principal axes: T 8.7962, Pg84.0000, Azm54.0000; N 1.6034, Plg3.0000; Azm171.0000; P -10.3996, Plg6.0000; Azm261.0000; NEIC 25 14:59:29.6.1.1, 30.83S:0.04.71.51W:0.07, h42km, 4km, mb5.0/185, Mw4.6/41, Mw4.7(GUC) Error ellipse: s-maj=8.3km s-min=5.1km az=95.0

ISC 25 14:59:27.0.4.30.82S:0.02.71.50W:0.03, h30km, 2km, n442, az=135/477, mb5.0/104, MS3.8/6, 6C-5D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Fray Jorge, Fray Jorge, Combarbal, Combarbal, Combarbal, Combarbal, El Pedregal, El Pedregal, El Pedregal, El Pedregal, Tololo Observa, Tololo Observa, Tololo Observa, Tololo Observa, La Serena, La Serena, Juntas del Tor, Juntas del Tor, Juntas del Tor, Juntas del Tor, Las Campanas, Las Campanas, Las Campanas, Las Campanas, San Esteban, San Esteban, San Esteban, San Esteban, Cuesta del Vie, Cuesta del Vie, El Roble, El Roble, El Roble, El Roble, Torpederas, Torpederas, Torpederas, Torpederas, Peldehue, Peldehue, Peldehue, Peldehue, Curacav, Curacav, Curacav, Curacav, Zonda, Zonda, Zonda, Zonda, Llanos de Chal, Llanos de Chal, Llanos de Chal, Llanos de Chal, Cerro Villucun, Cerro Villucun, Rencu, Rencu, Rencu, Rencu.

25d 15h

M19K	Big River Lodg	4.11	15	P	Pn	15 09 30.1 +1.0
SLKM	Skilak Lake	4.15	49		Pn	15 09 30.1 +0.4
SEW	Seward	4.27	57		Pn	15 09 31.5 +0.3
SEW	Seward	4.27	57	P	Pn	15 09 31.5 +0.3
STLK	Strandline Lak	4.29	32		Pn	15 09 32.5 +1.0
M20K	Styx River	4.30	22		Pn	15 09 32.8 +1.1
M20K	Styx River	4.30	22		IAML	15 10 24.5
M20K	comp=N,31nm,0.9s				IAML	15 10 39.0
M20K	comp=E,39nm,1.0s	4.30	22	P	Pn	15 09 33.1 +1.4
L19K	White Mountain	4.32	11		Pn	15 09 32.7 +0.7
L19K	White Mountain	4.32	11	P	Pn	15 09 32.7 +0.7
O22K	Cooper Landing	4.34	51		Pn	15 09 32.6 +0.5
O22K	Cooper Landing	4.34	51	P	Pn	15 09 32.4 +0.3
FIS	Fire Island	4.55	43		Pn	15 09 35.8 +0.9
RC01	Rabbit Creek A	4.69	45		Pn	15 09 36.4 -0.4
RC01	Rabbit Creek A	4.69	45	P	Pn	15 09 36.4 -0.4
L20K	Farewell, AK	4.73	15		Pn	15 09 38.0 +1.8
L20K	Farewell, AK	4.73	15	P	Pn	15 09 38.5 +1.3
SKT	Skwentna	4.76	30		Pn	15 09 38.2 +0.4
SKT	Skwentna	4.76	30		IAML	15 10 35.4
SKT	comp=N,75nm,0.4s				IAML	15 10 36.0
SKT	Skwentna	4.76	30	P	Pn	15 09 38.4 +0.7
FALS	False Pass	4.91	234		Pn	15 09 39.6 0.0
FALS	False Pass	4.91	234	P	Pn	15 09 39.5 0.0
TT01	Tatalina	4.97	3		Pn	15 09 41.2 +0.9
TTA	Tatalina	5.00	3	Pn	Pn	15 09 40.5 +1.1
TTA	Tatalina	5.00	3	P	Pn	15 09 41.3 +0.5
ISNM	Isanotski Nort	5.08	235		Pn	15 09 42.3 +0.4
ISLZ	Isanotski Laza	5.12	234		Pn	15 09 42.7 +0.2
PWL	Port Wells	5.12	52		Pn	15 09 41.4 +0.9
PWL	Port Wells	5.12	52	P	Pn	15 09 41.7 -0.7
PMR	Palmer	5.24	43		Pn	15 09 42.7 -1.2
PMR	Palmer	5.24	43		IAML	15 10 41.1
PMR	comp=N,159nm,0.3s				IAML	15 10 46.2
PMR	Palmer	5.24	43	P	Pn	15 09 42.7 -1.2
SSLS	Ghishaldin Sou	5.25	235		Pn	15 09 44.0 -0.2
KNK	Knik Glacier	5.38	47		Pn	15 09 44.7 -1.1
KNK	Knik Glacier	5.38	47	P	Pn	15 09 44.8 -1.0
PPLA	Purkeypile	5.41	22		Pn	15 09 47.8 +1.5
PPLA	Purkeypile	5.41	22	P	Pn	15 09 48.3 +2.0
GHO	Glory Hole Cre	5.43	42		Pn	15 09 45.5 -1.1
CUT	Chulitna	5.46	33		Pn	15 09 46.7 -0.1
CUT	Chulitna	5.46	33	P	Pn	15 09 46.3 -0.5
Q23K	Middleton Isla	5.54	70		Pn	15 09 47.2 -0.6
Q23K	Middleton Isla	5.54	70	P	Pn	15 09 47.6 -0.2
MID	Middleton Isla	5.54	70		Pn	15 09 47.3 -0.6
K20K	Telida	5.55	12		Pn	15 09 48.5 +0.5
K20K	Telida	5.55	12	P	Pn	15 09 48.9 +0.8
GLI	Glacier Island	5.66	55		Pn	15 09 48.4 -1.1
GLI	Glacier Island	5.66	55	P	Pn	15 09 48.3 -1.2
SML	Sawmill	5.67	44		Pn	15 09 48.1 -1.6
SML	Sawmill	5.67	44	P	Pn	15 09 48.1 -1.6
WECS	Westhal Cape	5.71	237		Pn	15 09 50.5 +0.2
HIN	Hinchinbrook I	5.73	61		Pn	15 09 50.5 0.0
FID	Port Fidalgo	5.88	57		Pn	15 09 51.3 -1.1
M23K	Glacier View	5.89	46		Pn	15 09 51.3 -1.2
CAST	Castle Rocks	5.91	20		Pn	15 09 53.1 +0.4
JPK	Jack Peak	5.96	54		Pn	15 09 53.0 -0.4
SCM	Sheep Creek Mo	6.06	46		Pn	15 09 53.9 -1.1
SCM	Sheep Creek Mo	6.06	46	P	Pn	15 09 53.6 -1.3
EYAK	Cordova Ski Ar	6.13	60		Pn	15 09 55.5 -0.3
EYAK	Cordova Ski Ar	6.13	60	P	Pn	15 09 55.2 -0.6
WAT7	Susitna Watana	6.21	35		Pn	15 09 55.8 -1.1
KTH	Kantishna Hill	6.25	24		Pn	15 09 57.7 -0.4
CHUM	Lake Minchuminc	6.30	17		Pn	15 09 58.3 +0.4
WAT1	Susitna Watana	6.30	36		Pn	15 09 56.5 -1.5
WAT1	Susitna Watana	6.30	36	P	Pn	15 09 56.5 -1.5
TRF	Thorofore Moun	6.31	27		Pn	15 09 57.5 -0.8
TRF	Thorofore Moun	6.31	27	P	Pn	15 09 57.5 -0.8
Divd	Divide	6.35	55		Pn	15 09 58.6 -0.1
J20K	Nowinta River	6.35	10		Pn	15 09 59.5 +0.9
J20K	Nowinta River	6.35	10	P	Pn	15 09 58.8 +0.2
AKSA	Akutan Strait	6.38	237		Pn	15 09 59.6 +0.5
WAT5	Susitna Watana	6.39	40		Pn	15 09 57.7 -1.6
WAT5	Susitna Watana	6.39	40	P	Pn	15 09 57.4 -1.9
AKUT	Akutan	6.41	237		Pn	15 09 59.5 0.0
KLU	Klutina	6.45	52		Pn	15 09 59.5 -0.6
KLU	Klutina	6.45	52	P	Pn	15 09 59.4 -0.6
AKGG	Akutan Green G	6.47	238		Pn	15 09 59.5 -0.8
AKBBA	Akutan Broad B	6.51	238		Pn	15 10 00.7 -0.1
AKMO	Akutan Morgan	6.55	238		Pn	15 10 01.2 -0.1
KAIM	Kayak Island	6.60	67		Pn	15 10 02.3 +0.4
RND	Reindeer	6.65	32		Pn	15 10 00.9 -1.3
M24K	Tolsona, Glenn	6.67	47		Pn	15 10 02.2 -0.7
M24K	Tolsona, Glenn	6.67	47	P	Pn	15 10 02.2 -0.7
BPAW	Bear Paw Mtn.	6.73	21		Pn	15 10 02.5 -1.1
BPAW	Bear Paw Mtn.	6.73	21	P	Pn	15 10 02.6 -1.1
PS12	TAPS Pump St12	6.77	54		Pn	15 10 04.0 -0.3
BMRM	Bremner River	6.81	59		Pn	15 10 04.5 -0.3
BMRM	Bremner River	6.81	59	P	Pn	15 10 04.3 -0.5
GCSA	Galena City Sc	6.81	359		Pn	15 10 05.2 +0.5
DHY	Denali Highway	6.85	38		Pn	15 10 03.8 -1.7
DHY	Denali Highway	6.85	38	P	Pn	15 10 03.6 -1.8
MCK	McKinley	6.89	30		Pn	15 10 04.2 -1.5
MCK	McKinley	6.89	30	P	Pn	15 10 04.8 -1.0
NICHA	Nichawak Mount	6.89	65		Pn	15 10 05.5 -0.3
MTBL	Makushin Table	6.93	239		Pn	15 10 06.8 +0.3
UNV	Unalaska Valle	6.93	238		Pn	15 10 05.3 -1.1
UNV	Unalaska Valle	6.93	238	P	Pn	15 10 05.2 -1.1
SUCK	Suckling Hills	6.95	67		Pn	15 10 06.3 -0.3
MSW	Makushin Switc	7.01	239		Pn	15 10 07.4 -0.2
BERG	Berg Lake	7.06	64		Pn	15 10 07.8 -0.2
N25K	Chitina, Valde	7.07	54		Pn	15 10 08.3 +0.1
N25K	Chitina, Valde	7.07	54	P	Pn	15 10 08.3 +0.1
BWN	Browne	7.12	26		Pn	15 10 07.7 -1.1
MAPS	Pakushin South	7.15	239		Pn	15 10 08.4 -0.9
GRIN	Grindile Hills	7.21	66		Pn	15 10 10.5 +0.4
HARP	HAARP	7.23	47		Pn	15 10 10.4 +0.2
HARP	HAARP	7.23	47	P	Pn	15 10 09.7 -0.6
KHIT	Khitrov Hills	7.29	64		Pn	15 10 10.9 -0.2
GLB	Gilahina Butte	7.34	56		Pn	15 10 11.7 -0.1
WACK	Wrangell Chich	7.35	52		Pn	15 10 12.6 +0.4
CRQM	Cirque	7.42	62		Pn	15 10 12.7 -0.4
VRDI	Verde Repeater	7.42	58		Pn	15 10 12.9 -0.3
SH	Sunshine Point	7.43	67		Pn	15 10 13.2 +0.2
PAX	Paxson	7.44	43		Pn	15 10 11.9 -1.3
PAX	Paxson	7.44	43	P	Pn	15 10 12.1 -1.1
CRQE	Cirque	7.44	62		Pn	15 10 13.0 -0.3

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WAX	Waxell Ridge	7.48	65		Pn	15 10 13.5 -0.2
TGL	Tana Glacier	7.57	62		Pn	15 10 14.4 -0.5
I21K	Tanana	7.57	15		Pn	15 10 14.2 -0.6
I21K	Tanana	7.57	15	P	Pn	15 10 14.6 -0.1
NEA2	Nenana	7.57	25		Pn	15 10 12.2 -2.6
NEA2	Nenana	7.57	25	P	Pn	15 10 12.3 -2.6
MLY	Manley	7.62	19		Pn	15 10 14.0 -1.6
MLY	Manley	7.62	19	P	Pn	15 10 13.7 -1.9
MCARA	McCarthy VSAT	7.67	58		Pn	15 10 16.1 -0.1
MCARA	McCarthy VSAT	7.67	58	P	Pn	15 10 16.3 +0.1
WRH	Wood River Hill	7.71	29		Pn	15 10 14.3 -2.3
ISLE	Juniper Island	7.76	64		Pn	15 10 17.5 0.0
KIAG	Kiagna River	7.83	62		Pn	15 10 18.5 0.0
OKFG	Magazine Ridge	7.85	239		Pn	15 10 16.8 -1.9
ANM	Nome	7.86	31		Pn	15 10 19.4 +0.8
BAGL	Bagley Icefield	7.86	65		Pn	15 10 18.9 +0.3
MESA	Mesa	7.86	67		Pn	15 10 18.8 -0.1
MESA	Mesa	7.86	67	P	Pn	15 10 18.6 -0.3
PATK	Patty Peak	7.86	60		Pn	15 10 19.2 +0.3
B11M	Baldy	7.87	61		Pn	15 10 18.9 0.0
K24K	Donnelly Dome	7.89	37		Pn	15 10 18.5 -0.4
K24K	Donnelly Dome	7.89	37	P	Pn	15 10 18.6 -0.3
CCB	Clear Creek Bu	7.92	28		Pn	15 10 17.2 -2.2
H21K	Melozitna Rive	7.93	11		Pn	15 10 20.1 +0.6
H21K	Melozitna Rive	7.93	11	P	Pn	15 10 19.9 +0.3
HDA	Harding Lake	7.96	32		Pn	15 10 17.6 -2.4
HDA	Harding Lake	7.96	32	P	Pn	15 10 17.3 -2.7
I23K	Minto, Yukon-K	7.99	22		Pn	15 10 17.8 -2.5
I23K	Minto, Yukon-K	7.99	22	P	Pn	15 10 17.9 -2.5
YAH	Yahyte	8.00	66		Pn	15 10 21.1 +0.3
GRNC	Granite Creek	8.00	66		Pn	15 10 22.2 +0.5
IDM	Imurphy Dome	8.07	27		Pn	15 10 18.2 -2.7
MENT	Mentasta	8.08	46		Pn	15 10 21.7 +0.1
TCOL	CIGO, UAF Yank	8.09	27		Pn	15 10 18.8 -2.9
TCOL	CIGO, UAF Yank	8.09	27	P	Pn	15 10 19.6 -2.1
COLA	College	8.10	27		Pn	15 10 19.4 -2.3
COLA	College	8.10	27	P	Pn	15 10 19.6 -2.1
M26K	Nabesna, AK	8.10	51		Pn	15 10 22.4 +0.5
M26K	Nabesna, AK	8.10	51	P	Pn	15 10 21.7 -0.2
RIDG	Independent Ri	8.14	40		Pn	15 10 21.0 -1.5
RIDG	Independent Ri	8.14	40	P	Pn	15 10 21.3 -1.1
IM03	Indian Mountai	8.16	8		Pn	15 10 22.9 +0.3
IMAR	Indian Mountai	8.16	8	Pn	Pn	15 10 23.0 +0.4
BARN	Barnard Glacie	8.20	61		Pn	15 10 23.7 +0.3
IL31	Ilisar	8.26	30		Pn	15 10 21.0 -2.9
ILAR	Eielson Arroy	8.26	30		Pn	15 10 20.9 -3.0

25d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like E24K, WSAR, NEA2, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SCRK, J26L, ASUD, etc.

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

25d 15h

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Table with columns: MOA, Mollin, SNR, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters for various stations.

Table with columns: NVAR, Mina Array Bea, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters for various stations.

Table with columns: MVO, Moncorvo, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters for various stations.

JMA 25:15:13.44:0.0,1,35:0N,22:132:5E:0.2,h9km,MV-0.3/7, SHIMANE HIROSHIMA BORDER, Western Honshu

JMA 25:15:11.8:0.2,37:3N,0:5:14:1E:1.0,h43km,2km, MV1.6/32,E OFF FUKUSHIMA PREF,Near east coast of eastern Honshu

TIR 25:15:43:50.6,38:95N,21:14E,h10km,2km,Md3.6,M4.0, NEIC 25:15:43:55.5-1.7,39:16N,0:05:20:90E:0.03,h10km,1km, mb4.3/10,ML3.1(TH),Error ellipse: s-maj=9.2km

THE 25:15:43:56.6,39:16N:20:92E,h0km,1km,ML3.3/16,Error ellipse: s-maj=1.5km s-min=0.4km az=73.0

PDG 25:15:43:56.4,0.5,39:18N:20:82E,h21km,ML3.4/11,Error ellipse: s-maj=0.6km s-min=0.2km az=0.0

ATH 25:15:43:56.3,39:17N:20:90E,h13km,2km,ML3.4/14,Error ellipse: s-maj=2.6km s-min=0.9km az=269.0

PDG 25:15:43:56.4,0.5,39:18N:20:82E,h21km,ML3.4/11,Error ellipse: s-maj=0.6km s-min=0.2km az=0.0

BEO 25:15:44:01:20.7,39:51N:20:97E,h0km,ML3.3/17, ISC 25:15:43:55.7:1.0,39:16N:0:01:20:93E:0.02,h18km,4km, n203,1827/249,mb3.9/15,3C-1D,Greece-Albania border region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC Pn S

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC Pn S

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC Pn S

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC Pn S

Table with columns: Name, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like THL, MAKR, ANX, VLS, DMLN, LSK, KEK, PENT, KEF3, AGG, TYRN, SERG, RLS, LAKA, NEST, AXAR, KBN, KLV, LIT, FNA, ATAL, VLO, NEO, OHR, OHK, ITM, TIR, VAY, VAV, VAY, PHP, STIP, SKO, SKO, SKO, ULC, MMB, TIP, BCI, DRME, PRVS, BUM, PDG, TTG.

Table with columns: Name, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PVY, BOSS, CEME, BARS, HCY, IVA, KOME, RZT, VTN, NKME, NKMC, CEL, RDO, TREB, SELS, BRY, SJES, SJES, ALLN, ZAPS, UPM, UPM, STON, ANOJ, BOVS, RUDO, SGRT, GRUS, ZAGS, SZH, BLS, DIVS, DIVS, DIVS, IDI, ANOJ, TRUS, PAOL, KUBS, TEKS, SZH, SRKY, MGRS, FRGS, FRGS, BLY, NRCA, MURB, BOJS, CRES, CEY, SKED, SOKA, SABO, OBKA, PSZ, ARSA, BUR08, ANTO, TOL, STAL, CLUD, CIMO, CONA, CTI, ABTA, KEST, MSSA, WAT, FETA, MOTA, GERES, FINES, NA001, NC401, NC405, NB201, NB202, NOA, EKA, AKKO, ARCES, ARCES, KEV, TORD, KK31, KK31, MKAR, MK31, MKAR, MKAR, ZAAO, ZALV, ZALV, SONM, ASAR.

Table with columns: Name, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HEKM, HEKM, CUKAN, ARPR, CUGUR, DARE, DARE, KEMA, KEMA, AKCD, AKCD, CUZAR, CUZAR, CUAYA, ELBS, ELBS, SCER, SCER, SVSK, SVSK, ELZG, ELZG, ELZG, ELZG, REFA, REFA, CUSAR, CUSAR, SARI, SARI, SARI, SARI, RSDY, RSDY, TUNCI, TUNCI, ALUC, ALUC, ALUC, ALUC, BNN, BNN, KETL, KETL, TOKT, TOKT, ERZN, ERZN, EUMZ, EUMZ, KOVA, KOVA, ATAB, ATAB, KAHM, KAHM, HACI, HACI, HCRS, HCRS, GZT, GZT, SAIM, SAIM, URFA, URFA, HCB, HCB, ANDN, ANDN, GUMT, GUMT, ESPY, ESPY, CKKR, CKKR, SIRK, SIRK, SANL, SANL, YAHY, YAHY, YEDI, YEDI, KOZT, KOZT, BANG, BANG, BNGB, BNGB, AVNS, AVNS, KOPT, KOPT, KUZU, KUZU, AKO, AKO, COAL, COAL, SAMS, SAMS, CMRD, CMRD, CDAG, CDAG, KARAK, KARAK, SVAN, SVAN, CKRK, CKRK, ERZM, ERZM, MUSM, MUSM, MARD, MARD, GULE, GULE, TAHT, TAHT, BTMM, BTMM, KIRS, KIRS.

ISK 25 15:44:00.4, 39:07N:37:76E, h5km, ML3.5/17
DDA 25 15:44:01.1, 0.0, 39:08N:37:79E, h15km, MW3.7
ISC 25 15:44:01.7-0.9, 39:07N:02:37:78E, 0.02, h14km, 8km.

IDC 25 16:12:21.0, 0.9, 26:46N: 128:21'E, h0km, mb3.76,
mbmp3.6/8, ML2.5/2, MS3.2/2, Error ellipse: s-maj=36.2km
s-min=11.4km az=96.0
JMA 25 16:12:24.1, 0.2, 26:6N:0.5:128:8E:0.6, h23km, 2km,
NIED 25 16:12:24.1, 26:5N:128:7E, h23km, MW3.9, Moment
Tensor Solution: S3 Moment tensor: Scale 10^14Nn;
Mn:3.4; Mn:1.39; Mn:5.03; Mw:2.70; Mw:4.08; Mw:2.34;
Fault plane solution: Mb: 71000x10^14 NP1:
phi: 172.00000°, delta: 0.00000°, lambda: 36.00000°.
NP2: phi: 52.00000°,
delta: 0.00000°, lambda: 124.00000°
ISC 25 16:12:23.7, 0.7, 26:52N: 102:48'E, h27km, m2.0,
c1904/30, mb3.8/6, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for JAOM Aogashimamukai, BSO1 Boso, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for KKAR Karatay Array, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for AC01 Pan de Azucar, AC02 Maricunga, AC03 Copiap, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like PB01, PATCX, PTCX, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like ARAG, ATAH, ATAH, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like UPA, SJCC, NBAN, etc.

Table with columns: Call Sign, Frequency, Name, Class, Power, and other details. Includes entries like PETF, GRTK, CMIG, TEIG, H09N1, SOR, etc.

Table with columns: Call Sign, Frequency, Name, Class, Power, and other details. Includes entries like HAW, Y60A, Y60A, Y60A, etc.

Table with columns: Call Sign, Frequency, Name, Class, Power, and other details. Includes entries like CNCC, CNCC, CNCC, Y49A, Y49A, etc.

25d 17h

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TKL Tuckaleechee C, SWET Sewanee, U56A King, V52A Sevierville, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TZTN baz=167, S61A Accomac, S61A baz=175, CLTN Cedars of Leba, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like S51A Beattyville, S51A baz=167, S51A baz=175, ABTX Abilene, Hawle, etc.

25d 17h

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Table with columns for call sign, frequency, power, antenna, and various performance metrics. Includes call signs like SFIN, TAOE, KAN01, ERPA, etc.

1371

Table of radio station call signs, frequencies, and details. Includes stations like WVU Waterville, H62A Milan, K43A Burlington, etc.

2016 JUL

Table of radio station call signs, frequencies, and details. Includes stations like DBIC Dimbokro, F63A Nahmakanta, etc.

25d 17h

Table of radio station call signs, frequencies, and details. Includes stations like MVCO Presque Isle, WUAZ Wupatsi, etc.

25d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like San Pablo, Kahutara, Black Stump Fm, etc.

2016 JUL

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Teslin, Yukon, Atlin, Nonsava, etc.

1374

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Beaver Creek A, Bad Ischl, Aus, etc.

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., pmax, MLR, PKP, PKPpdf, etc.).

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., VLK, GKN, DMN, CN2, etc.).

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., BTO, CM31, CMAR, etc.).

25d 19h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GZH, CNSH, GYA, etc.

IDC 25 17:44:39.6, 1.2, 21.36N, 143.99E, h0km, mb3.77, mbtmp3.8/8, ML3.5/1, Error ellipse: s-maj=40.4km s-min=20.6km az=85.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCJ, KSR, WRA, etc.

JMA 25 17:59:25.6, 0.3, 24.2N, 0.5, 12.4E, h19km, 1km, MV0.5/6, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyus Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IRIF, HATJ, JKRS, etc.

TAP 25 18:00:07.7, 23.96N, 121.56E, h37km, 1km, ML1.3, D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ETM, TWD, ESL, etc.

IDC 25 18:08:28.2, 0.8, 15.00N, 147.56E, h0km, mb4.0/14, mbtmp4.1/17, ML4.4/3, MS4.8/3, Error ellipse: s-maj=22.6km s-min=16.3km az=100.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO, JCJ, PATS, etc.

2016 JUL

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H1N1, JHJ, JOW, etc.

IDC 25 18:21:02.5, 1.1, 29.25S, 61.13E, h0km, mb3.77, mbtmp3.7/8, ML4.4/1, Error ellipse: s-maj=35.3km s-min=27.4km az=43.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OPO, H0S1, CMAR, etc.

1378

ZALV Zalesovo Beam 85.36 14 P P 18 33 40.5 -0.6

IDC 25 18:37:56.3, 1.3, 3.34S, 149.02E, h0km, mb3.8/6, mbtmp3.8/7, ML3.1/1, Error ellipse: s-maj=29.6km s-min=27.6km az=52.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT, WRA, ASAR, etc.

NEIC 25 19:25:53.9, 0.8, 57.16N, 0.04, 155.48W, 0.04, h77km, 7km, Error ellipse: s-maj=5.4km s-min=3.0km az=201.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PLK3, R17K, etc.

Table with columns: PWL, L20K, KNK, HNH, GHO, GLI, TT01, FID, SML, PPLA, JPK, SCM, K20K, KLU, KTH, J20K, N25K, BPAW, WAX, GLB, GRNC, WRH, MLY, CCB, RIDG, I23K, MDM, H21K, IL31, SCRK, IMAR, J25K, B2AR, H23K, J26L, H24K, PRP, I26K, OZIE, J01B. Includes station names, coordinates, and other data.

BUI 25:19:38.42.6.0.0.2.90S:148.13E, h10km, mb5.2/85, mB6.1/78, Ms6.2/95, Ms7.6/2/89
IDC 25:19:38.42.9.0.3.2.97S:147.99E, h0km, mb5.3/50, mbmp5.3/54, ML2.3/1, MS6.1/57, Error ellipse:
NEIC 25:19:38.43.9.2.94S:147.98E, h9km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr0.36;
Mw2.57; Mw-2.93; Mo0.47; Mw2.09; Mo0.60; Fault plane solution: Ms3.55000x10^18 NP1.0x116.740000,
delta7.400000, lambda.180000. NP2.0x25.830000, delta8.920000,
lambda.167.370000. Principal axes: T 3.4117, Plg12.0000,
Azml341.0000; N 0.2663, Plg77.0000, Azml188.0000; P
-3.6780, Plg6.0000, Azml72.0000
MOS 25:19:38.44.3.0.9.2.97S:148.00E, h21km, mb5.9/93,
MS6.3/82, mb5.6/93, MLV.6/3.2, Mw(mB)6.1/82,
MwMwp6.0/67, Mwmp6.0/67
NEIC 25:19:38.45.6.1.5.2.97S:148.03E:0.06, h14km, 1km,
mb6.0/397, Ms 20.6/433, Mw6.3/27, Mw6.4, Error
ellipse: s-maj=10.9km s-min=9.8km azw=196.0
NEIC 25:19:38.47.3.04S:148.28E, h14km, Moment Tensor
Solution. Duration: 7s4 Moment tensor: Scale 10^18Nm;
Mr0.58; Mw1.36; Mw-1.94; Mo1.74; Mw0.39; Mo-0.49;
Fault plane solution: Ms4.63000x10^18 NP1.0x11.00000,
delta6.00000, lambda.177.00000. NP2.0x102.00000, delta7.00000,
lambda.124.00000. Principal axes: T 4.3352, Plg18.0000,
Azml233.0000; N 0.5431, Plg6.0000, Azml109.0000; P
-4.8783, Plg14.0000, Azml234.0000;
KLM 25:19:38.47.2.63S:147.94E, h10km, mb5.9
GCMT 25:19:38.49.6.0.0.2.97S:148.18E, h12km, Mw6.4/178,
Moment Tensor Solution. s174,c426; s178,c774;
Duration: 3s9 Moment tensor: Scale 10^18Nm;
Mr-0.14; Mw-0.02; Mw0.304; Mw-0.289; Mw0.28; Mw0.28;
Mw0.12; Mw-0.01; Mw-1.32; Mw-1.05; Best double couple:
Ms5.25400x10^18 NP1.0x108.00000, delta7.500000,
lambda.2.00000. NP2.0x198.00000, delta8.00000,
lambda.165.00000. Principal axes: T 5.2880, Plg9.0000,
Azml332.0000; N 0.0820, Plg75.0000, Azml205.0000; P
-5.2190, Plg12.0000, Azml64.0000; nst1 refers to
body waves, cutoff=50s. nst2 refers to surface/mantle
waves, cutoff=50s. Triangular moment-rate function
ISC 25:19:38.44.8.0.3.2.97S:148.05E:0.03, h12km, 1km,
h13km; p-P, n1832, e177/2038, mb5.9/412, MS6.4/345,
96C-46D, Admiralty Islands region

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

Main table with columns: STA, LIFNC, LIFOU, etc. Lists station names, coordinates, and other data for stations 1379-2500.

Main table with columns: LIFNC, LIFOU, etc. Lists station names, coordinates, and other data for stations 2501-3800.

25d 19h

2016 JUL

1382

Table containing flight data for 25d 19h, listing airlines like NK, PE, LH, UA, and destinations like London, Paris, Frankfurt.

Table containing flight data for 2016 JUL, listing airlines like MA, GSTR, PPT, and destinations like Magadan, Great Sitkin, Papeete.

Table containing flight data for 1382, listing airlines like CASY, AKUT, VYK, and destinations like Akutan, Valmikinagar, Saint Paul Is.

1383

Table with columns: ANM, Nome, 75.52, 19, P, P, 19 50 29.7 +1.0, etc. Includes entries like ANM baz=229, TIXI baz=229, TIXI comp=Z,11nm,0.8s, etc.

2016 JUL

Table with columns: ILSW, Iliamna Southw, 77.55, 26, P, Iamb, P, 19 50 40.2 -0.3, etc. Includes entries like O20K Slope Mountain, TTA Talatina, L19K White Mountain, etc.

25d 19h

Table with columns: KURK, Kurchatov, 79.43, 323, P, Pmax, P, 19 50 49.2 -1.7, etc. Includes entries like KURK Kurchatov, RC01 Rabbit Creek A, CAST Castle Rocks, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, Date, Time, and Signal Strength. Includes stations like HIN Hinchenbrook I, M23K Glacier View, WAT1 Susitna Watana, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, Date, Time, and Signal Strength. Includes stations like TCOL CIGO, UAF Yank, COLA College, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, Date, Time, and Signal Strength. Includes stations like NRIK Nori'sk, MESA MESA, D23K Nanushuk River, etc.

1385

Table with columns: Station Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like Beaver Creek, Mount Upton, and various other locations.

2016 JUL

Table with columns: Station Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like Minto, Yukon, Olgivie Camp, and various other locations.

25d 19h

Table with columns: Station Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like WSAR, Wadi Sarin, Swissshome, and various other locations.

25d 19h

2016 JUL

1386

Table with columns: ARU, Arti, comp, P, Pmax, MLR, IAMS, IAMS_20, and numerical values for various stations like PKKPbc, PKKPbc, PKKPbc, etc.

Table with columns: ISA, Isabella, Lake, comp, P, Pmax, MLR, IAMS, IAMS_20, and numerical values for various stations like Isabella, Lake, Isabella, Lake, etc.

Table with columns: PNVP, Topopah Spring, comp, P, Pmax, MLR, IAMS, IAMS_20, and numerical values for various stations like Topopah Spring, Camas Ranch, etc.

Main table containing station call signs, frequencies, and other details for the 25d 19h band. Includes stations like NKC, PDG, GERS, etc.

Table containing station call signs and frequencies for the 1388 band. Includes stations like ESDC, YLTC, PLOM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GDHS, SHEL, CBE, TDBA, GDS, etc.

WEL 25 19:42:00.4, 3.60s, 168.64E, h27km, ML5.0, Mw4.3, Moment Tensor Solution, s8 Moment tensor: Scale 10^15 Nm; Mr: 1.6; Mw: 0.34; Mbb: 1.50; Mbs: 1.26; Mss: 2.56; Mw: 1.04; Fault plane solution: M3.330000x10^15 NP1: 0.74, 0.00000, 0.64, 0.00000, 1.53, 0.00000; NP2: 0.176, 0.00000, 0.86, 0.00000, 1.29, 0.00000; Principal axes: T 335.3000, Plg7.3000, Azm36.0000; N -330.6700, Plg53.0000, Azm212.0000; P -4.6300, Plg1.0000, Azm305.0000

IDC 25 19:42:24.0, 4.0, 8.3:53S:168.65E, h0km, mb4.1/4, mbtmp4.2/5, ML4.3/1, Error ellipse: s-maj=28.0km s-min=20.1km az=6.0. WEL 25 19:42:24.4, 0.9, 4.4 S:5.16 E:1.9, h12km, M4.8/10, ML4.9/10, MLv4.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=130.4. NEIC 25 19:42:24.4, 4.3:62S:168.63E, h21km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr: 7.4; Mbb: 0.29; Mbs: 1.03; Mss: 0.75; Mw: 1.75; Mw: 0.92; Fault plane solution: M2.300000x10^15 NP1: 0.175, 3.90000, 0.70, 7.90000, 1.32, 2.20000; NP2: 0.73, 6.70000, 0.59, 7.70000, 1.17, 6.20000; Principal axes: T 23.282, Plg36.0000, Azm38.0000; N -0.0502, Plg53.0000; Azm302.0000; P -2.2780, Plg7.0000, Azm302.0000. NEIC 25 19:42:25.1, 1.4, 4.3:62S:0.06:168.66E:0.05, h20km, 5km, Mw4.2/27, Error ellipse: s-maj=9.1km s-min=3.5km az=155.0. NOU 25 19:42:27.9, 4.3:62S:168.89E, h114km, MLv5.2/8, Off W. Coast of S. Island, N.Z.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA, FAR E OFF NORTH HONSHU, Off east coast of Honshu, JIKH, JIKH, etc.

IDC 25 19:49:58.6, 0.4, 3:86S:151.45E, h0km, mb4.6/33, mbtmp4.6/35, ML2.8/1, Error ellipse: s-maj=14.2km s-min=9.6km az=76.0. MOS 25 19:50:00.0, 1.2, 3:79S:151.37E, h21km, mb5.0/14, Error ellipse: s-maj=11.0km s-min=6.9km az=93.1. NEIC 25 19:50:02.1, 1.8, 3:82S:0.07:151.53E:0.05, h22km, 4km, mb5.2/123, Error ellipse: s-maj=10.8km s-min=6.2km az=212.0. GCMT 25 19:50:03.0, 0.3, 3:69S:0.02:151.31E:0.02, h12km, Mw5.5/95, Moment Tensor Solution. s95.c129; Duration: 1.4; Moment tensor: Scale 10^17Nm; Mr: 0.45; Mw: 1.1; Mbb: 1.2; Mbs: 1.09; Mss: 1.71; 25; Mw: 0.60; Mw: 0.56; 31; Best double couple: M2.5000x10^17 NP1: 0.132, 0.00000, 0.84, 0.00000, 1.3, 0.00000; NP2: 0.40, 0.00000, 0.87, 0.00000, 1.44, 0.00000; Principal axes: T 3.1050, Plg7.0000, Azm349.0000; N -1.2170, Plg54.0000, Azm16.0000; P -1.8960, Plg23.0000; Azm92.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. DJA 25 19:50:03.7, 0.3, 4 S:4.15 E:2.1, h10km, Mw5.3/29, mb5.1/29, mb5.1/1, MLv5.5/1, Mw(mb)4.5/1, MwMwp7.0/1, Mwmp8.7/1. ISC 25 19:50:01.9, 0.3, 3:77S:0.04:151.47E:0.05, h21km, n306, s1828/298, mb5.1/125, 6C, New Ireland region

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

BUI 25 19:49:55.8, 0.0, 3:93S:152.01E, h10km, mb4.7/34, mb5.8/3, Ms7.6, Ms7.5/6

25d 19h

Table with columns for station name, frequency, power, and signal strength. Includes stations like SPSI Sidrap Palu, KAPI Kappang, MPST Mapaga, etc.

2016 JUL

Table with columns for station name, frequency, power, and signal strength. Includes stations like SONM comp=Z,39nm,1.8s, SOMM Sogingo Array, SEY Semychan, etc.

1390

Table with columns for station name, frequency, power, and signal strength. Includes stations like DHY comp=Z,26nm,1.1s, NEA2 Nenana, I23K Minto, Yukon-K, etc.

Table with columns: INK, comp, IAmB, IAmB, Time, Res, etc. Contains data for stations like INK, NVAR, ARU, YKA, PDAR, PRGR, etc.

Table with columns: LK2D, Lefkada island, 0.43 208 P P, JAN, JAN, etc. Contains data for stations like LK2D, JAN, NYDR, DRAG, etc.

Table with columns: FINES, FINES Array B, 22.53 6 P P, BELG, Bellogorroye, 22.68 46 P, NOA, NORSAF Array B, 22.71 348 P, EKA, Eskdalemair Ar, 22.81 323 P, etc.

IDC 25 19:53:19.9, 1.9, 3.14S:148.72E, h0km, mb3.9/7, mbmp3.9/7, Error ellipse: s-maj=62.4km s-min=27.3km az=107.0

ISC 25 19:53:22.5, 1.8, 3.2S:0.2, 148.7E:0.4, h18km, n14, 0=52/8, mb3.9/7, Bismarck Sea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Contains data for stations like WRA, ASAR, H1S3, etc.

Table with columns: THL, THL, Koklotos Trika, 0.94 65 P S, THL, THL, Koklotos Trika, 0.94 65 P, etc.

IDC 25 20:09:45.6, 1.2, 39.31N:20.90E, h0km, mb3.7/9, mbmp3.6/13, ML2.8/4, Error ellipse: s-maj=21.3km s-min=14.5km az=53.0

TIR 25 20:09:48.2, 39.08N:20.89E, h36km, 1km, Md4.0, M3.9

ATH 25 20:09:48.7, 39.16N:20.92E, h9km, 3km, ML3.2/12, Error ellipse: s-maj=3.2km s-min=0.8km az=283.0

THE 25 20:09:48.8, 39.17N:20.91E, h0km, 1km, ML3.1/13, Error ellipse: s-maj=1.6km s-min=0.4km az=330.0

ISC 25 20:09:48.2, 1.0, 39.15N:20.90E:0.02, h18km, 6km, n129, r158/163, mb3.6/9, 12C-6D, Greece-Albania border region

IDC 25 19:57:58.0, 1.9, 3.79S:151.67E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=46.9km s-min=16.4km az=43.0, New Ireland region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Contains data for stations like KRVT, WRA, ASAR, etc.

Table with columns: KEK, KEK, Kerkira, 1.02 302 P S, DMLN, Damoulanata-K, 1.02 205 P, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Contains data for stations like TSUK, LK2D, etc.

ATH 25 20:02:18.7, 34.42N:26.50E, h10km, 31km, ML2.2/1, Error ellipse: s-maj=31.6km s-min=3.7km az=0.0, Crete

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Contains data for stations like ZKRS, ZKRS, etc.

Table with columns: STIP, SKO, Skopje, 2.70 21 P/Pn, SKO, Skopje, 2.83 8 P/Pn, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Contains data for stations like EVGI, IGT, etc.

IDC 25 20:02:50.3, 1.1, 9.29S:21.03E, h0km, mb3.7/9, mbmp3.7/13, ML3.4/4, Error ellipse: s-maj=23.2km s-min=16.7km az=42.0

TIR 25 20:02:52.7, 39.14N:20.95E, h2km, 2km, Md3.2, M13.7

ATH 25 20:02:53.5, 39.20N:20.91E, h10km, 3km, ML3.4/6, Error ellipse: s-maj=3.9km s-min=0.9km az=274.0

THE 25 20:02:53.9, 39.20N:20.87E, h2km, 32km, ML3.3/10, Error ellipse: s-maj=32.2km s-min=0.4km az=0.0

ISC 25 20:02:53.0, 0.9, 39.17N:20.91E:0.02, h17km, 6km, n99, r146/123, mb3.6/9, 1C-3D, Greece-Albania border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Contains data for stations like TSUK, TSUK, etc.

Table with columns: VAE, Valguarnera, 5.38 254 Sn Sn, TEKS, Tekeri, 5.47 350 ePn Pn, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Contains data for stations like MAKR, MAKR, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Contains data for stations like DAVOX, DAVOX, etc.

Table with columns: VLS, SRN, KEK, LSK, AGG, YAGG, SERG, RLS, TYRN, AXAR, KBN, KLV, FNA, OHR, TIR, VAY, PPH, STIP, DRME, PDG, MATE, HCY, VTS, TREB, BRY, SJES, UPM, STON, RUDO, BLKB, BBLB, DIVS, IDI, VAE, SRKY, MGRS, FRGS, BLY, GZR, GZFR, VOIR, KOVH, MLR, MLR, MLR, BOJES, CRES, FLOR, VRI, TIH, CEK, SOBO, OBKA, PSZ, KBA, ABTA, BRTR, WTA, WQT, FETA, MOTA, GERES, GERES. Each row contains station name, frequency, and other technical details.

Table with columns: GERES, HFS, FINES, BELG, NB2, NOA, EKA, ARCES, TORO, MKAR, ZALV, ASAR, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes a large section for 'JMA 25.20:34:17.3... 2016 JUL' with detailed station information and a 'TAP 25.20:34:18.3...' section.

Table with columns: NDT, ET LH, FUSB, HWA, NNSB, NNSH, NNSH, NNS, TIPB, TIPB, NNSK, NNSK, TWA, NWF, WFSB, WFSB, NHDH, WHF, TATO, TATO, NHY, TWT, TWT, TNOU, TNOU, ESL, ESL, TAP, TAP, TDCB, TDCB, CHGB, CHGB, YMO1, NFF, NFF, JYNG, JYNG, YMO8, YMO8, OWD, OWD, TWS1, TWS1, EGFH, WUSB, WUSB, YOJ, YOJ, YOJ, YOJ, LIOB, LIOB, NSTT, NSTT, WHP, WHP, WDCS, WDCS, EHY, EHY, SMLT, SMLT, SMLT, SMLT, YULB, YULB. Each row contains station name, frequency, and other technical details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WNT Mingjian, ALS Alishan, ALS Lidau, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTU comp=E,36nm,0.4s, TCUT comp=N,42nm,0.4s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI Fak Fak, MANU Manus Island, SWI Sorong, etc.

AEIC 25 20:46:43.1,4.52;5N.0.2; 173.9W.0.1, h172km,6km, Error ellipse: s-maj=59.8km s-min=9.1km az=164.0

NEIC 25 20:46:43.1,4.52;5N.0.2; 174.0W.0.1, h179km,12km, mb3.7,ML3.4/6,ML3.0(AEIC), Error ellipse: s-maj=29.2km s-min=9.0km az=163.0, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KONE Korovin Northe, KOSE Korovin South, KOKL Mount Kiluchef, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSUT comp=N,5.9nm,4.1s, REDW Red Top Meadow, HLID Hailey, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBO Warramunga Arr, QIS Mount Isa, WR0 Warramunga Arr, etc.

INET 25 21:32:53.2,1.0, 9.45N;83.83W, h6km,2km, MW2.5 UCR 25 21:32:53.2,1.0, 9.45N;83.83W, h4km,2km, MW3.5 UPA 25 21:32:54.0, 9.45N;83.83W, h9km,3km, MW3.2

ISC 25 21:32:53.5-0.9,9.47N;103.831W;0.02, h10km,7km, n32, e059/53, 5C-1D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKSA Akutan Strait, SDPT Sand Point, CNBA Chernabura Isl, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CDM Cerro de Muert, CDM Cerro de Muert, EDDO Dominical, etc.

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

IDC 25 21:26:27.7,1.2, 40.92N;112.63W, h0km, mbmp2 0/2, ML3.1/2, Error ellipse: s-maj=59.8km s-min=6.7km az=146.0

NEIC 25 21:26:28.2,2.2,41.11N;112.02W;0.03, h0km,2km, ML1.9/40, Error ellipse: s-maj=4.1km s-min=3.4km az=324.0

ISC 25 21:26:27.9,0.9,41.07N;112.71W;0.04, h0km, n26, e080/23, Utah

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BGU Big Grassy Mou, BHU Hansel Valley, BVU comp=N,67nm,0.4s, etc.

IDC 25 21:33:26.8,0.7, 2.89S;139.34E, h0km, mb4.2/14, mbmp4.3/15, ML4.6/1, Error ellipse: s-maj=24.7km s-min=9.3km az=99.0

DJA 25 21:33:32.4,0.3, 3.3S;14.10E, h46km,4km, M4.9/19, mb5.0/19, mb5.2/6, MLV5.0/7, Mw(mB)4.6/6, MwMwp6.9/1, Mwpp6.7/1

NEIC 25 21:33:35.9,1.8, 2.84S;0.08;139.31E;0.08, h62km,6km, mb4.6/31, Error ellipse: s-maj=12.4km s-min=1.8km az=154.0

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

ISC 25 21:33:33.1,0.4, 2.87S;0.05;139.51E;0.05, h46km, n140, e128/128, mb4.6/42, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PZH PanZhihua, PZH PanZhihua, USKRIY Sarri, etc.

25d 23h

2016 JUL

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Table of meteorological data for 25d 23h, including station names (LZH, XLT, GTA), codes, and various meteorological parameters (pP, pPmax, etc.).

Table of meteorological data for 2016 JUL, including station names (BRTR, FINES, NOA), codes, and various meteorological parameters.

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

Table of meteorological data for 2016 JUL, including station names (WRA, ASAR, FITZ, H11S3), codes, and various meteorological parameters.

IDC 25 21:41:37.85, 6.74S: 106.24E, h0km, mb3.8/4, mbtмп3.8/4, Error ellipse: s-maj=258.6km s-min=31.2km az=47.0

DJA 25 21:41:37.6, 8.8S: 101.6E, h10km, M3.6/7, MLV3.6/7

ISC 25 21:44:08.0, 1.33N: 101.88E: 0.2, h35km, n10, n19, r166/17, mb4.0/Jawa

Table of meteorological data for 2016 JUL, including station names (SKJI, CNJI, DBJI), codes, and various meteorological parameters.

IDC 25 21:44:02.7, 0.9, 33.72N: 88.25E, h0km, mb3.5/7, mbtмп3.5/9, ML3.0/2, Error ellipse: s-maj=35.2km s-min=20.1km az=51.0

ISC 25 21:44:08.0, 1.33N: 101.88E: 0.2, h35km, n10, r113/10, mb3.6/6, Xizang

Table of meteorological data for 2016 JUL, including station names (MKAR, KURBB, SONM), codes, and various meteorological parameters.

IDC 25 21:44:02.7, 0.9, 33.72N: 88.25E, h0km, mb3.5/7, mbtмп3.5/9, ML3.0/2, Error ellipse: s-maj=35.2km s-min=20.1km az=51.0

ISC 25 21:44:08.0, 1.33N: 101.88E: 0.2, h35km, n10, r113/10, mb3.6/6, Xizang

IDC 25 21:44:02.7, 0.9, 33.72N: 88.25E, h0km, mb3.5/7, mbtмп3.5/9, ML3.0/2, Error ellipse: s-maj=35.2km s-min=20.1km az=51.0

ISC 25 21:44:08.0, 1.33N: 101.88E: 0.2, h35km, n10, r113/10, mb3.6/6, Xizang

IDC 25 21:44:02.7, 0.9, 33.72N: 88.25E, h0km, mb3.5/7, mbtмп3.5/9, ML3.0/2, Error ellipse: s-maj=35.2km s-min=20.1km az=51.0

ISC 25 21:44:08.0, 1.33N: 101.88E: 0.2, h35km, n10, r113/10, mb3.6/6, Xizang

IDC 25 21:44:02.7, 0.9, 33.72N: 88.25E, h0km, mb3.5/7, mbtмп3.5/9, ML3.0/2, Error ellipse: s-maj=35.2km s-min=20.1km az=51.0

ISC 25 21:44:08.0, 1.33N: 101.88E: 0.2, h35km, n10, r113/10, mb3.6/6, Xizang

IDC 25 21:44:02.7, 0.9, 33.72N: 88.25E, h0km, mb3.5/7, mbtмп3.5/9, ML3.0/2, Error ellipse: s-maj=35.2km s-min=20.1km az=51.0

ISC 25 21:44:08.0, 1.33N: 101.88E: 0.2, h35km, n10, r113/10, mb3.6/6, Xizang

Table of meteorological data for 2016 JUL, including station names (Code, Station Name), codes, and various meteorological parameters.

WEL 25 23:00:59.7, 0.8, 34S: 107.9E: 11, h232km, 17km, M3.5/17, mB4.1/17, ML4.2/19, MLV3.9/17, Mw(mB)3.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=123.4

South of Keramats Islands

Table of meteorological data for 2016 JUL, including station names (Code, Station Name), codes, and various meteorological parameters.

IDC 25 23:00:59.7, 0.8, 34S: 107.9E: 11, h232km, 17km, M3.5/17, mB4.1/17, ML4.2/19, MLV3.9/17, Mw(mB)3.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=123.4

South of Keramats Islands

IDC 25 23:00:59.7, 0.8, 34S: 107.9E: 11, h232km, 17km, M3.5/17, mB4.1/17, ML4.2/19, MLV3.9/17, Mw(mB)3.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=123.4

South of Keramats Islands

IDC 25 23:00:59.7, 0.8, 34S: 107.9E: 11, h232km, 17km, M3.5/17, mB4.1/17, ML4.2/19, MLV3.9/17, Mw(mB)3.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=123.4

South of Keramats Islands

IDC 25 23:00:59.7, 0.8, 34S: 107.9E: 11, h232km, 17km, M3.5/17, mB4.1/17, ML4.2/19, MLV3.9/17, Mw(mB)3.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=123.4

South of Keramats Islands

IDC 25 23:00:59.7, 0.8, 34S: 107.9E: 11, h232km, 17km, M3.5/17, mB4.1/17, ML4.2/19, MLV3.9/17, Mw(mB)3.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=123.4

South of Keramats Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC. Includes stations like Porangahau, Wanganui, Dannevirke, Post Office Ro, Pori Road, Birch Farm, Mangatainoka R, Tintock, Holdsworth Sta, Otaki Gorge, Te Maipa, Kapiti Island, Mount Morrison, Cannon Point, Moikau Station, Palliser, Tory Channel.

SJA 25 23:07:26.8, 0.7, 2.4; 16S:66.94W, h207km, 4km, M.L4.5, MW4.4

NEIC 25 23:07:27.7, 1.8, 2.4; 16S:0.05:66.92W, 0.08, h181km, 5km, mb4.8/346, Error ellipse: s-maj=10.3km s-min=7.5km az=86.0

IDC 25 23:07:28.1, 0.8, 2.4; 05S:66.81W, h181km, 6km, mb4.1/15, mbmp4.6/22, MS2.9/1, Error ellipse: s-maj=11.6km s-min=9.2km az=33.0

GUC 25 23:07:29.3, 0.8, 2.4; 11S:67.40W, h213km, 11km, M.L5.1 ISC 25 23:07:28.1, 0.4, 2.4; 13S:0.03:66.96W, 0.03, h185km, 3km, h185km, p-P, n512, s193/467, mb4.8/179, 12C, Salta Province

Main table for stations 1395, continuing from the first table with various station codes and names.

Main table for stations 2016 JUL, containing station codes, names, and various parameters.

Main table for stations 25d 23h, containing station codes, names, and various parameters.

25d 23h

Table with columns: ID, Name, Time, P, M, D, S, E, 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. Includes entries like Jarrell, Oxford, Pickwick Lake, etc.

2016 JUL

Table with columns: ID, Name, Time, P, M, D, S, E, 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. Includes entries like South Pole Qui, Quay, Farmhaus, etc.

1396

Table with columns: ID, Name, Time, P, M, D, S, E, 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. Includes entries like Palm Desert, Pilot Hill, Miller, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes entries like MISSOURIA, Summer Lake, JETTE, Beach Ranch, CHILOQUIN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes entries like NATA, TEKE, KEKZ, SZAC, AKUM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes entries like NATA, LEF, AKDN, SZAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes entries like ISK, GIL, NIC, DDA, ISC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes entries like IDC, ISK, NIC, DDA, ISC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes entries like KIZK, KMER, etc.

25d 23h

Table of astronomical observations for 25 days in 2023. Columns include station name (e.g., GYA0B, MAH0), object name (e.g., Mahon, Echery), magnitude (e.g., 21.98, 22.04), position (RA, Dec), and other parameters like SNR and error.

2016 JUL

Table of astronomical observations for July 2016. Columns include station name (e.g., NRIK, ROSA), object name (e.g., Noril'sk, Rosati), magnitude (e.g., 45.35, 47.04), position (RA, Dec), and other parameters like SNR and error.

1400

Table of astronomical observations for 1400. Columns include station name (e.g., NATA, LEF), object name (e.g., Lefka, Lefka), magnitude (e.g., 1.16, 1.16), position (RA, Dec), and other parameters like SNR and error.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HRFI, MBRI, EIL, AKASG, KEST, GERES, WTTA, WATA, FETA, RETA, DAVOX, DAVA, AKTO, FINES, HFS, ESDC, EKA, ARCES, TORD, MKAR, SONM.

NNC 26 00:00:37.8±2.5, 39.34N±73.86E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=19.2km s-min=10.8km az=157.0 SOME 26 00:00:38.1, 39.40N±73.70E, h0km KRNET 26 00:00:40.1±0.1, 39.46N±73.54E, mb3.2 ISC 26 00:00:39.9±1.6, 39.47N±0.08±73.84E±0.05, h10km, n26, ±1959/43, 16C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OHH, BTk, ARLS, GAR, UCH, AAK, MRKS, MRKS, MRKS, CHMS, CHMS, TKM2, KST, KST, KST, IUG, IUG, IUG, DGS, DGS, DGS, IZV, MTBS, MTBS, MDOK, MDOK, KK31, KK31, KK31, KRBS, KRBS, KRBS, KRBS, KTBS, KTBS, KUU, KUU, KUU, KUU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 26 00:02:51.9±0.8, 18.99S±69.86W, h0km, 6km, mb3.5/8, mbtm3.9/10, MS2.4/2, Error ellipse: s-maj=22.6km s-min=18.7km az=52.0 NEIC 26 00:02:51.8±1.8, 19.15S±0.03±70.06W±0.06, h69km±7km, mb4.2/25, ML4.4(GUC), Error ellipse: s-maj=7.9km s-min=4.2km az=79.0 GUC 26 00:02:51.9±0.7, 19.09S±69.93W, h73km, 4km, ML4.4 ISC 26 00:01:51.0±0.5, 19.13S±0.03±70.02W±0.05, h74km±5km, n95, ±1923/108, mb4.1/13, 3C-8D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like P18A, CCUT, PDAR, NVAR, PNTR, PAHR, HLID, PLID, TOAO, TORD, TORD, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, WRA, ZALV, MKAR, SONM, PZH.

IDC 26 00:16:02±1.3, 6.94S±154.66E, h0km, mb3.8/7, mbtm3.8/8, ML4.1/1, MS3.3/1, Error ellipse: s-maj=42.0km s-min=25.4km az=123.0 ISC 26 00:16:08±6.1, 6.8S±0.2±154.5E±0.2, h39km, n10, ±1912/10, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT, PMG, WRA, ASAR, SONM, MKAR, ILAR, ZALV, NVAR, TORD.

IDC 26 00:18:42±9.4, 20.48S±177.70W, h0km, mb3.7/2, mbtm3.8/9, MS3.2/1, Error ellipse: s-maj=324.9km s-min=54.1km az=156.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PPT, ASAR, WRA, ARCES, IDC 26 00:19:08±1.5, 30.45N±137.49E, h476km±22km, mb3.0/6, mbtm3.8/9, Error ellipse: s-maj=36.8km s-min=16.2km az=80.0 NEIC 26 00:19:14±5.2, 31.0N±0.1±137.0E±0.2, h507km±7km, mb4.4/8, Error ellipse: s-maj=22.4km s-min=17.6km az=113.0 JMA 26 00:19:14±0.7, 31.1N±5.13'8E±, h461km, MV3.3/33, SHIKOKU BASIN, ISC 26 00:19:12±0.8, 30.77N±0.09±137.30E±0.10, h500km, n45, ±2526/44, mb3.6/9, Southeast of Honshu

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

NEIC 26 00:52:10.5i, 1.6, 54.56N, 0:08:15.4W, 0.1, h10km, 2km, Error ellipse: s-maj=14.1km s-min=10.5km az=160.0

AEIC 26 00:52:14.1, 1.3, 54.5N, 0:1:15.4W, 0.1, h12km, 8km, ML2.9/41, ML2.8/16(NEIC), Error ellipse: s-maj=15.6km s-min=10.6km az=154.0, South of Alaska

Main table for stations 1403, listing codes, station names, coordinates, and operational status. Includes stations like CHIR, SII, ANNE, etc.

IDC 26 01:04:25.7, 2.5, 23.84N, 141.92E, h133km, 24km, mb3.4/5, mbmp3.8/6, Error ellipse: s-maj=58.6km s-min=21.2km az=88.0

JMA 26 01:04:27.0, 2.2, 24.2N, 142.14E, h11km, MV4.8/7, IOTO ISLANDS REGION

ISC 26 01:04:26.0, 2.8, 23.93N, 141.0E, 0.1, h100km, n10, r165/11, mb3.6/5, Volcano Islands region

Table for stations 1404, listing codes, station names, coordinates, and operational status. Includes stations like JHH2, CBJL, etc.

MEX 26 01:22:34.8, 0.9, 15.72N, 98.16W, h18km, 22km, MD5.1

NEIC 26 01:22:35.0, 1.6, 15.92N, 0:04:98.05W, 0.0, h10km, 4km, mb4.8/325, Mds.1/145(MEX), Error ellipse: s-maj=8.0km s-min=4.4km az=224.0

IDC 26 01:22:38.3, 4.6, 15.99N, 97.87W, h33km, 33km, mb4.1/24, mbmp4.3/26, ML3.8/2, MS3.8/41, Error ellipse: s-maj=25.6km s-min=10.1km az=52.0

ISC 26 01:22:32.6, 1.3, 15.84N, 0:03:98.10W, 0.0, h2km, 8km, n608, r169/539, mb4.8/151, MS3.9/40, 28C-32D, Off coast of Guerrero

Table for stations 1405, listing codes, station names, coordinates, and operational status. Includes stations like PNIG, PEIG, etc.

Table for stations 1406, listing codes, station names, coordinates, and operational status. Includes stations like VHO, OXBJ, etc.

276nm, 0.3s, baz=289, slow=9.0, SNR=11 87km, 0.4s

Table for stations 1407, listing codes, station names, coordinates, and operational status. Includes stations like CMIG, ARIG, etc.

Table for stations 1408, listing codes, station names, coordinates, and operational status. Includes stations like INCO, CDAR, etc.

26d 1h

2016 JUL

1404

Table with columns: TIGA, Tifon, 20.40, 38, P, P, 01 27 11.1, +0.1, 01 27 24.2, etc.

Table with columns: CBOC, Iron Boulder, 23.82, 112, eP, P, 01 27 49.8, +2.3, 01 27 47.5, +0.2, etc.

Table with columns: SPR3, Spring Creek 3, 27.11, 331, Iamb, Iamb, 01 28 24.1, 27.14, 323, P, P, 01 28 17.8, +0.2, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like J01E Myrtle Point, H04A Detroit Lake, H04D Lebanon, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like HDA Harding Lake, SUA Susitna One, PRP Porcupine Dome, etc.

Table with columns: NOA, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like NOA NORSAR Array B, PETK Petropavlovsk, BMRD Maredsous, etc.

26d 1h

Table with columns: Station ID, Name, Elevation, Frequency, Modulation, and other technical details. Includes stations like RDWB, RSO, RDSO, etc.

2016 JUL

Table with columns: Station ID, Name, Elevation, Frequency, Modulation, and other technical details. Includes stations like AUH, AUQ, AUJ, etc.

1406

Table with columns: Station ID, Name, Elevation, Frequency, Modulation, and other technical details. Includes stations like J25K, KAIM, KAIK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like D23K, P30M, D24K, O30N, E27K, D25K, PLBC, SDPT, C24K, C23K, WHY, C27K, P32M, P33M, SIT, INK, C36M, A36M, NR1K, ARCES, SONM, ZALV, MKAR, AKASG, GERES, BOSAS, TUL, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KK31, WRA, SONM, ZALV, MKAR, ILAR, GUC, ISC, PB1E, AP01, PB12, GO01, PB11, TA02, TA01, LPAZ, PATXC, PB01, PB02, PB07, PB09, PB04, ULM, TORD, ESDC, YKA, SONM, NEIC, AEIC, CNBA, SDPT, PS4A, HAG, DT1, PNTA, S12K, VNFG, VNFG, FALS, ISLS, CHGN, ISNN, SSSL, CHIR, CHIR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KAN13, BCOK, OK029, BLOK, OK031, FNUK, QUOK, OK030, OK034, W3MOK, T35A, DEOK, R32A, X34A, TUL1, CBKS, AMTX, AMTX, RLO, K5U1, X37A, X37A, HHAR, KSCO, M5T, S39A, T25A, IMAR, P38A, WHAR, FCAR, R40A, JCT, CCM, PHWY, N23A, GSI, GSI, KCSI, RPSI, TSI, MNSI, LHMI, LHMI, SISI, PPI, BKNI, IPM, KULM, SRIT, CMAR, PALK, AZL, TOLIZ, SHLL, H08S2, H08S3, H08S1, MMRI, H01W3, H01W2, H01W1, WRA, ASAR, DRK, BOOM, BOOM, KSR5, KSR5, SONM, SONM, MKAR, MAKZ, JHS, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, ABKAR, ABKAR, TIXI, TIXI, AKASG, FINES, FINES, ARCES, ARCES, ARCES, ARCES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like OK030, OK031, OK034, DEOK, QUOK, OK025, OK029, OKCSW, OKCFA, BCOK, FNO, TUL1, T35A, CROK, G002, X34A, RLO, CSTR, X37A, LOOK, NOKA, WMOK, U38A, Z35A, R32A, KSU1, WHAR, UALR, CBKS, FCAR, MGMO, R40A, LCAR, LCAR, P38A, CCM, N35A, PBMO, FVM, N38A, JCT, CGM3, N41A, SFIN, KRNET, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like OK030, OK031, OK034, DEOK, QUOK, OK025, OK029, OKCSW, OKCFA, BCOK, FNO, TUL1, T35A, CROK, G002, X34A, RLO, CSTR, X37A, LOOK, NOKA, WMOK, U38A, Z35A, R32A, KSU1, WHAR, UALR, CBKS, FCAR, MGMO, R40A, LCAR, LCAR, P38A, CCM, N35A, PBMO, FVM, N38A, JCT, CGM3, N41A, SFIN, KRNET, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like OK030, OK031, OK034, DEOK, QUOK, OK025, OK029, OKCSW, OKCFA, BCOK, FNO, TUL1, T35A, CROK, G002, X34A, RLO, CSTR, X37A, LOOK, NOKA, WMOK, U38A, Z35A, R32A, KSU1, WHAR, UALR, CBKS, FCAR, MGMO, R40A, LCAR, LCAR, P38A, CCM, N35A, PBMO, FVM, N38A, JCT, CGM3, N41A, SFIN, KRNET, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ARLS, ARLS, GAR, GAR, UCH, UCH, KK31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ARLS, ARLS, GAR, GAR, UCH, UCH, KK31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ARLS, ARLS, GAR, GAR, UCH, UCH, KK31, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and various signal quality metrics. Includes stations like GERES, NB2, NOA, and TXAR.

SKO 26 04:26:14.5, 40.69N-21.23E, h15km
TIR 26 04:26:17.8, 40.76N-21.15E, h6km, 1km, Md2.8, MI2.2
THE 26 04:26:18.9, 40.73N-21.21E, h8km, 1km, ML2.3/5, Error ellipse: s-maj=1.5km s-min=0.4km az=336.0

Main table of station data for Colombia, including stations like Florina, Nestorio, Leskovik, Kastanea, Griva, Peshkopia, Litokhoron, Barichara, and San Pablo de B.

Main table of station data for IAML, including stations like Zaragoza, Norcasia, Chingaza, El Rosal, Santa Helena, San Jos de Ur, La Loma 1 Cans, Guayana, Villavicencio, Puerto Gaitan, La Loma 6 Bece, La Loma 5 El P, Ciudad Bolivar, Dabeiba, Santo Domingo, Ariguani, Santa Ana, Praco, San Jacinto, San Jos del P, Yotoco, Valle, Bahia Solano, Santa Marta, Pizarro, Punta Arditia, Macarena, Betania, Uribia, Bahia Malaga, Meteti, Garzon, El Baul, Popayana, Florencia, Salboa, Cauca, Gorgona, Isla, Univ. de Panam, Hato, Curacao, Puerto Leguiza, Volcan Galeras, Isla Barro Col, Isla Barro Col, Azuero.

Main table of station data for eS, including stations like Tulcen-Chalpat, Biringo, Escao, Vera, Otavalo, Santa Lorenza, Volcan, Cochanchay, Refugio Sur-Vo, Durika, San Rafael, Rio Macho, Cochanchay, San Juan Bosco, Hope, Castle Mountai, Greenwick, Stony Hill, Malvern, Bonny Gate, Coleyville, Mount Denham, Loma Penas Alta, Dulce Nombre, Ortega, Santa Teresita, Acopyan, San Juan, La Desirade, Tegucigalpa, Manacapuru, Montecristo, Esquirol, Extrima, Samuel, Teta, Montagnes des Disney Wildern, Vilna, La Paz, Matias Romero, Wilston, Hilliard, San Ignacio, Pontes e Lacer, Tifton, Hazlehurst, Chuzmisia, IPOC Station P, Blakely, New Hope, Brewton, Hawthorne Fire, Grady, Waverly Hall, IPOC Station P, Godfrey, Godfrey, Jenkinsville, Birdtown, Kers Hodges, Franklin, Lilburn, Big Creek Wild, Pauline, Lakeview Retre, Lakeview Retre, Kings Mountain, Westbrook Farm, Blount Mountai, Calhoun, Union, Kings Mountain, Taylorville, Calhoun, Murphy, Fort Payne.

Table with columns for station call letters, frequency, power, and location. Includes stations like VBMS Vicksburg, VBSA Saluda, T59A Double 'B' Farm, etc.

Table with columns for station call letters, frequency, power, and location. Includes stations like P51A Williamsport, PBMO Poplar Bluff, FCAR Ozark Folk Cen, etc.

Table with columns for station call letters, frequency, power, and location. Includes stations like TXAR comp=Z,11nm,0.7s, TX3R Lajitas Array, TX32 Lajitas Array, etc.

Table with columns for Name, RA, Dec, Mag, and other astronomical data. Includes stars like Lefka, Akdeniz-Kibri, Antalya-Kumluc, Kemer-ANTALYA, etc.

Table with columns for Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes entries like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

MOS 26 05:49:14.0, 0.29S; 18:60W, h10km, mb5.6/31, MS5/2/19, Error ellipse: s-maj=13.5km s-min=6.2km az=51.3

Table with columns for Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes entries like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

Table with columns for Name, RA, Dec, Mag, and other astronomical data. Includes stars like JBK Tavoral, WMELI Melilla, SFS San Fernando, etc.

26d 5h

Table of flight data for 26d 5h, including columns for airline, flight number, origin, destination, status, and other details.

2016 JUL

Table of flight data for 2016 JUL, including columns for airline, flight number, origin, destination, status, and other details.

1414

Table of flight data for 1414, including columns for airline, flight number, origin, destination, status, and other details.

1415 2016 JUL 26th 5h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KRBG, SIRR, GZR, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CFR, LMR, YESY, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like I62A, K62A, etc.

26d 5h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like J59A Piesco, FRNY Flat Rock, SDMD Soldier's Deli, etc.

2016 JUL

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like ACON Acopya, BIRD Birtown, SSSA Standing Stone, etc.

1416

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CLDR Caldian, ALLY Alegheny Cole, ERPA Erie, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like COLA College, TCOL CIGO, MDM Murphy Dome, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like CN2, QIZ Giongzhong, WHN Wuhan, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like ANTB Antalya, LFK Lefkose, AKK2 Akkuyu-Mersin, etc.

26d 6h

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like ENA Nanau, SCST Cishan, CHN1 Nanshi, etc.

2016 JUL

Main table with columns for station name, elevation, frequency, and other parameters. Includes stations like ENA Nanau, EWUT Wuta, NSY Sanyi, etc.

1420

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like TORO Torodi Ar. Bea, FNA Florida, GERES GERESS Array B, etc.

NEIC 26 06:01:31.4±3.0, 1°1'S:0'2.18'7W:0.3, h10km, 2km, mb4.6/9, Error ellipse: s-maj=52.7km s-min=11.3km az=126.0
IDC 26 06:01:34.4±1.8, 0°32'S:18°6'W, h0km, mb4.2/10, mbtmp4.3/12, ML4.6/2, Error ellipse: s-maj=60.9km s-min=25.6km az=155.0
ISC 26 06:01:34.4±1.3, 0°65'0.3'':18°5'W:0.2, h10km, n30, 0°50'24, mb4.4/12, Central Mid-Atlantic Ridge

IDC 26 06:08:38.3±2.9, 54°18'N:86°42'E, h0km, mbtmp6.2/2, ML2.4/2, Error ellipse: s-maj=23.0km s-min=13.8km az=56.0, Southwestern Siberia
IDC 26 06:11:48.8±1.6, 0°36'S:18°68'W, h0km, mb4.1/10, mbtmp4.2/12, ML4.6/2, Error ellipse: s-maj=68.5km s-min=23.0km az=149.0
NEIC 26 06:11:51.4±1.5, 0°25'0.1'':18°7W:0.1, h10km, 1km, mb4.2/7, Error ellipse: s-maj=19.5km s-min=17.5km az=306.0
ISC 26 06:11:50.4±0.7, 0°35'0.1'':18°7W:0.1, h10km, n28, 0°19'00, mb4.2/14, 3C, Central Mid-Atlantic Ridge

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like ASCENSION HYDR, LIC Lamto, TIC Toumouli, etc.

MOS 26 06:31:27.5:1.0, 3.81S; 151.49E, h10km, mb5.0/17, Error ellipse: s-maj=13.2km s-min=8.4km az=91.7...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat, RABL Rabaul, PMG Port Moresby, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like WB2 Warramunga Arr, WBA2 Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like PZH comp=Z,170nm,6.1s, PZH comp=Z,400nm,18.5s, etc.

26d 7h

Table with columns for station name, time, latitude, longitude, and other parameters. Includes stations like CHUM, PMR, KTH, ZAA0, ZALV, etc.

2016 JUL

Table with columns for station name, time, latitude, longitude, and other parameters. Includes stations like NVAR, PFO, ARU, YKA, AKTO, etc.

1422

Table with columns for station name, time, latitude, longitude, and other parameters. Includes stations like NMR, NEM2, SHO, SHO, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NGZ, SNVZ, MTHZ, PKVZ, MANU, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRAB, WRA, WRAA, WRAE, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PSA00, PSA01, PSA02, etc.

26d 8h

Table with columns: SAO, San Andreas Ge, 84.93, 50, IAMS_20, IAMS_20, 08 44 33.4, etc. Lists various geological stations and their coordinates.

2016 JUL

Table with columns: BCPM, Bancas Point, 86.78, 24, IAMS_20, IAMS_20, 08 50 03.1, etc. Lists geological stations for July 2016.

1428

Table with columns: NVAR, comp=Z, 1.7nm, 0.7s, baz=103, slow=2.5, SNR=15, etc. Lists geological stations with detailed parameters.

26d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOHO, P52A, UOSS, MASF, etc.

2016 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like SCHEFFERVILLE, Kangerlussuaq, GROZNYI, etc.

1430

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANAPA, ESPY, MTSE, etc.

Table with columns: Name, Value, Status, Date, Time, and other identifiers. Includes entries like SORM Soroca, SORM Soroca, SORM Mount Malkishu, etc.

Table with columns: Name, Value, Status, Date, Time, and other identifiers. Includes entries like CAME Camel-Denizli, EDVH Edrine, LTVH Lavartes, Hu, etc.

Table with columns: Name, Value, Status, Date, Time, and other identifiers. Includes entries like MOA comp=Z,24nm,1.0s,SNR=6.0, RUDO Rudo, WIM Wilm, 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.

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, AzZ, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, ESDC Sonseca Array, TOAO Torodi Ar. Sit, etc.

DNK 26 10:12:01.61.1.59:76N:22:51E, h0km, ML2.0 (UPP), Suspected explosion

HEL 26 10:12:02.20.1.59:69N:22:46E, h0km, ML2.0, ML2.1 (UPP), Explosion

LVSN 26 10:12:03.74.0.59:70N:22:53E, h0km, mb4.1km, ML2.0

ISC 26 10:12:00.7.0.7, 59.74N, 0.02, 22.54E, 0.02, h0km, n54, s1171/73, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EE01 Perakula, Nova, EE01 Soera, Palade, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VSU comp=E,59nm,0.4s, VSU comp=N,47nm,0.7s, etc.

ARCES ARCESS Array B 9.91 6 Pn Pn 10 21 24.9 +0.7

IDC 26 10:15:38.71.1.43:14N:146:14E, h0km, mb3.6/8, mbmp3.6/10, ML2.1/2, Error ellipse: s-maj=31.6km

MOS 26 10:15:43.41.1.42:96N:145:91E, h48km, mb4.2/1, Error ellipse: s-maj=17.5km s-min=9.6km az=92.0

NIED 26 10:15:45.4, 43:08N:146:05E, h51km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm

JMA 26 10:15:45.0, 41:43:10N:146:14E, h0.7, h51km, MD3.9/40, MVA 3/40, OFF NEMURO PENINSULA

JMA 26 10:15:44.1, 1.0, 42:99N:106:146:12E:0.05, h38km, 3km, n46, s106/52, mb3.6/8, Off southern coast of Hokkaido

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, NEM2 Nemuro-Hokkai, NMR Nemuro-Hokkai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy 30.00 138 T T 10 53 40.1, MKAR Makanchi Array 44.27 298 P P 10 23 49.4 -0.4, etc.

IDC 26 10:17:21.4, 3.5, 7:58S:155:58E, h0km, mb4.0/3, mbmp4.1/5, ML2.7/2, Error ellipse: s-maj=59.2km

NEIC 26 10:17:23.8, 1.3, 7:85S:0:3, 155:63E:0.09, h10km, 2km, mb4.3/8, Error ellipse: s-maj=58.6km s-min=7.1km az=347.0

ISC 26 10:17:24.1, 2.4, 7:65S:0:1, 155:7E:0.2, h29km, n15, s089/16, mb4.2/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVT Kevauk (AS076) 4.92 312 Pn Pn 10 18 36.1 -0.2, KRVT 2.4nm, 0.3s, baz=90, slow=2.0, SNR=1.8, etc.

DSN 26 10:24:38.0, 2.3, 29:49N:54:75E, h10km, ML3.9/11, Error ellipse: s-maj=30.8km s-min=9.4km az=25.0

IDC 26 10:24:44.0, 0.6, 27:64N:54:67E, h0km, mb4.1/24, mbmp4.1/28, ML3.2/3, MS3.2/3, Error ellipse: s-maj=15.7km s-min=12.6km az=24.0

MOS 26 10:24:43.7, 0.8, 27:65N:54:63E, h8km, mb4.4/14, Error ellipse: s-maj=10.7km s-min=7.4km az=72.9

TEH 26 10:24:46.8, 1.4, 27:75N:54:71E, h9km, ML4.0, NEIC 26 10:24:46.8, 1.4, 27:75N:0:04:54:63E:0.08, h10km, 1km, mb4.1/20, mb_Lg4.0 (TEH), Error ellipse: s-maj=12.1km

ISC 26 10:24:48.1, 0.4, 27:58N:0:04:54:62E:0.04, h25km, n178, s184/180, mb4.2/51, MS3.2/3, 2C, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LAR1 LAR 0.22 267 ePg Pn 10 25 53.2 -0.9, JHRM Jahrom 1.24 312 ePg Pn 10 25 11.0 +0.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N3 Juan Fernandez, etc.

IDC 26 12:27:22.3-1.9, 13.63N: 145.32E, h65km, 14km, mb3.3/5, mblmp3.6/5, MS3.4/2, Error ellipse: s-maj=40.4km s-min=23.6km az=98.0

ISC 26 12:27:20.0-1.0, 13.63N: 02x145.7E:0.1, h45km, n16, s125/9, mb3.5/6, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUM0 Guam, GUM0 Guam, GUM0 Guam, etc.

IDC 26 12:49:33.6-0.6, 67.27N: 18.84W, h0km, mb3.9/10, mblmp3.9/15, ML3.2/5, MS3.5/17, Error ellipse: s-maj=15.5km s-min=13.9km az=7.0

DNK 26 12:49:33.2-4.7, 67.18N: 18.22W, h24km, 27km, ML2.5 REY 26 12:49:33.9, 67.31N: 18.70W, h6km

ISC 26 12:49:34.0-0.8, 67.22N: 03x18.77W:0.04, h6km, 5km, n63, s18.46/58, mb3.9/8, MS3.3/18, Iceland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include IGRI Grimsey, IGRI Grimsey, ISIG Siglufjorur, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include IREN balz=156, IMEL Melhnauser, IGRS Grimstaioir, etc.

MOS 26 12:52:56.3-0.7, 24.08S: 177.11W, h37km, mb5.3/16, Error ellipse: s-maj=14.0km s-min=10.2km az=53.5

NEIC 26 12:52:59.4-2.2, 24.13S: 0108.177:07W:0.08, h46km, 4km, mb5.0/70, Error ellipse: s-maj=12.6km s-min=9.6km az=136.0

IDC 26 12:53:05.3x2.3, 23.99S: 177.24W, h98km, 20km, mb4.2/19, mblmp4.6/21, MS3.6/20, Error ellipse: s-maj=14.1km s-min=13.6km az=127.0

GCMT 26 12:53:10.4-0.3, 24.26S: 02:176:89W:0.02, h144km, 3km, MWS:0/105, Moment Tensor Solution. s33,c38; s105,c142; Duration: 0 Moment tensor: Scale 1016Nm; Mn:0.73e-12; Mw:2.21e-14; Mbb:1.48e-14; Mtt:2.2e-09; Mss:1.24e-18; Mv:2.97e-09; Best double couple: M3:610x1016, N1:139.00000, 850.00000, lambda:160.00000, NP2:243.00000, 874.00000, lambda:2.00000. Principal axes: T 4.5530, P1g4.00000, Azm109.00000; N -1.8730, P1g4e.00000, Azm259.00000; P -2.6770, P1g15.00000, Azm6.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 26 12:53:12.0, 23.75S: 176.39W, h199km, mb5.1/20, South of Fiji Islands

ISC 26 12:53:08.5-0.5, 24.21S: 005x176.99W:0.06,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BORG Borgarnes, BORG Borgarnes, BORG Borgarnes, etc.

MOS 26 12:52:56.3-0.7, 24.08S: 177.11W, h37km, mb5.3/16, Error ellipse: s-maj=14.0km s-min=10.2km az=53.5

NEIC 26 12:52:59.4-2.2, 24.13S: 0108.177:07W:0.08, h46km, 4km, mb5.0/70, Error ellipse: s-maj=12.6km s-min=9.6km az=136.0

IDC 26 12:53:05.3x2.3, 23.99S: 177.24W, h98km, 20km, mb4.2/19, mblmp4.6/21, MS3.6/20, Error ellipse: s-maj=14.1km s-min=13.6km az=127.0

GCMT 26 12:53:10.4-0.3, 24.26S: 02:176:89W:0.02, h144km, 3km, MWS:0/105, Moment Tensor Solution. s33,c38; s105,c142; Duration: 0 Moment tensor: Scale 1016Nm; Mn:0.73e-12; Mw:2.21e-14; Mbb:1.48e-14; Mtt:2.2e-09; Mss:1.24e-18; Mv:2.97e-09; Best double couple: M3:610x1016, N1:139.00000, 850.00000, lambda:160.00000, NP2:243.00000, 874.00000, lambda:2.00000. Principal axes: T 4.5530, P1g4.00000, Azm109.00000; N -1.8730, P1g4e.00000, Azm259.00000; P -2.6770, P1g15.00000, Azm6.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 26 12:53:12.0, 23.75S: 176.39W, h199km, mb5.1/20, South of Fiji Islands

ISC 26 12:53:08.5-0.5, 24.21S: 005x176.99W:0.06,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RIZ Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

26d 12h

PMG	Port Moresby	37.21 287	P	I	Amb	13 00 06.0	-1.1
PMG	Port Moresby	37.21 287	P			13 00 06.0	-1.1
COEN	Coen	38.88 278	P			13 00 19.6	-1.6
PATS	Pohnpei	39.15 319	P			13 00 20.7	-2.6
BB00	Bucklebo	41.86 247	P			13 00 44.8	-0.8
AS31	Alice Springs	44.70 260	P			13 01 07.1	-1.4
AS4R	Alice Springs	44.70 260	P			13 01 07.9	-0.6
ASAR	Warramunga Arr	44.94 265	P			13 01 07.7	-2.7
WR0	Warramunga Arr	45.12 265	P			13 01 10.3	-1.5
WB2	Tennant Creek	45.12 265	P			13 01 09.8	-2.1
WRAB	Tennant Creek	45.12 265	eP			13 01 10.6	-1.2
WRAB	Tennant Creek	45.12 265	P			13 01 09.7	-2.1
WRAB	Tennant Creek	45.12 265	pP			13 01 09.7	-2.1
WB0	Warramunga Arr	45.13 266	P			13 01 10.0	-1.9
WB0	Warramunga Arr	45.13 266	P			13 01 10.0	-1.9
WRA	Warramunga Arr	45.13 265	P			13 01 10.0	-1.9
WRA	Warramunga Arr	45.13 265	P			13 01 10.3	-1.6
WRA	Warramunga Arr	45.13 265	P			13 01 10.3	-1.6
FORT	Forrest	48.78 250	P			13 01 38.9	-1.2
DRV	Dumont d'Urville	50.20 201	pP			13 01 51.0	+0.7
MTN	Manton Dam	50.22 273	pP			13 01 49.0	-2.2
SRPI	Serui, Papua	50.34 289	pP			13 01 31.7	-0.5
KNRA	Kunururra	51.44 269	LR			13 01 58.6	-1.7
GUMO	Guam	52.91 311	LR			13 02 00.9	
GUMO	Guam	52.91 311	P			13 02 09.9	-1.2
GUMO	Guam	52.91 311	P			13 02 09.9	-1.2
FTZ	Fitzroy Crossi	53.55 265	P			13 02 12.9	-2.9
SBA	Scott Base	54.25 184	P			13 02 19.4	+0.6
SBA	Scott Base	54.25 184	pP			13 02 23.0	+3.0
SBA	Scott Base	54.25 184	pP			13 02 53.4	+2.5
VNDA	Vanda	54.32 186	P			13 02 22.4	+1.9
VNDA	Vanda	54.32 186	P			13 02 19.9	+1.4
VNDA	Vanda	54.32 186	P			13 02 19.9	+1.4
VNDA	Vanda	54.32 186	P			13 02 22.9	+2.4
VNDA	Vanda	54.32 186	pP			13 03 03.5	-2.6
PSA00	Pilbara Seismi	57.81 259	P			13 02 44.6	-1.6
MBWA	Marlbar	58.03 239	P			13 02 47.3	-0.4
CCD	Concordia, Ant	59.13 195	P			13 02 57.1	+2.1
CCD	Morawa	59.35 249	P			13 02 50.0	-5.6
MORW	Morawa	59.35 249	P			13 02 56.4	-0.4
BBSI	Bau Bau	60.85 277	P			13 03 09.3	+2.1
CASY	Casey	61.04 206	P			13 03 08.3	+0.7
CASY	Casey	61.04 206	P			13 03 09.4	
CASY	Casey	61.04 206	pP			13 03 07.7	0.0
CASY	Casey	61.04 206	pP			13 03 40.4	+1.2
KAPI	Kappang	64.46 277	LR			13 01 57.4	
CHC	Chichijima	64.46 277	LR			13 02 53.2	
TOLJ	Tollitai	65.33 283	P			13 03 35.1	-1.7
TOLJ	Tollitai	65.33 283	P			13 04 08.7	
QSPA	South Pole Qui	65.88 180	P			13 03 39.2	-0.5
QSPA	South Pole Qui	65.88 180	P			13 03 40.2	+0.5
JHQ	Hachijo jima 2	70.33 322	LR			13 04 12.9	+1.2
JOW	Kunigami	73.27 310	P			13 04 23.6	-1.8
JOW	Kunigami	73.27 310	P			13 05 05.2	
JMM	Marumori	73.39 326	P			13 04 25.0	-0.7
MJAR	Matsushiro Arr	73.74 324	P			13 04 27.0	-0.9
MJAR	Matsushiro Arr	73.74 324	LR			13 03 12.0	
SMAI	San Martin Ant	74.82 159	P			13 04 36.0	+2.3
SMAI	San Martin Ant	74.82 159	P			13 04 37.9	
KSM	Kuching	74.87 279	P			13 04 34.7	-0.3
KIWB	Kanaga Island	75.73 360	P			13 04 38.8	-0.2
ADK	Adak	75.77 0	P			13 04 38.7	-0.5
ADK	Adak	75.77 0	P			13 04 38.7	-0.5
BELA	Belgrano 2	75.77 172	P			13 04 40.1	+1.1
BELA	Belgrano 2	75.77 172	P			13 04 41.1	
SSLB	Suangleung	76.80 304	P			13 04 44.2	-1.6
SSLB	Suangleung	76.80 304	P			13 04 46.7	
H06E1	SOCORRO T-PHAS7	76.26 63	T			14 29 13.4	
MAW	Mawson	78.41 200	P			13 04 55.8	+1.9
MAW	Mawson	78.41 200	P			13 03 55.3	+1.4
MAW	Mawson	78.41 200	P			13 04 55.3	+1.4
MAW	Mawson	78.41 200	P			13 04 55.3	+1.4
PETK	Petropavlovsk	80.08 345	P			13 05 01.4	-1.6
PETK	Petropavlovsk	80.08 345	P			13 05 01.4	-1.6
KSR5	Korea Array	80.28 319	P			13 05 03.1	-1.3
SDPT	Sand Point	80.49 9	P			13 05 05.5	+0.4
LPIG	La Paz	80.52 58	LR			13 08 37.3	
PFO	Pinyon Flats 0	81.36 47	LR			13 38 06.0	
GSC	Goldstone, Bar	82.14 46	P			13 05 14.8	+0.4
GSC	Goldstone, Bar	82.14 46	P			13 05 18.2	
GSC	Goldstone, Bar	82.14 46	P			13 05 14.9	+0.4
GSC	Goldstone, Bar	82.14 46	pP			13 05 16.1	+0.6
USRK	Ussuriysk Ar.	82.55 326	P			13 05 15.2	-1.1
BLVC	Blythe	82.75 48	P			13 05 17.6	+0.1
COYC	Coyhaique	82.75 48	P			13 05 18.6	+0.8
COYC	Coyhaique	82.75 48	P			13 05 21.7	
214A	Organ Pipe Nat	82.92 50	P			13 05 18.0	-0.5
214A	Organ Pipe Nat	82.92 50	P			13 05 21.9	

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NJ2	Nanjing	82.96 310	eP			13 05 18.0	-0.7
NVAR	Minna Array Bea	83.09 43	P			13 05 20.8	+1.3
NVAR	Minna Array Bea	83.09 43	P			13 05 20.1	+0.6
H03S2	Juan Fernandez	83.14 124	T			14 36 56.0	
H03S1	Juan Fernandez	83.15 124	T			14 36 57.1	
H03S3	Juan Fernandez	83.16 124	T			14 36 51.4	
H03N2	Juan Fernandez	83.30 124	T			14 37 09.3	
H03N3	Juan Fernandez	83.30 124	T			14 37 14.2	
H03N1	Juan Fernandez	83.31 124	T			14 36 56.0	
TPNV	Topopah Spring	83.49 45	P			13 05 22.0	+0.5
TPNV	Topopah Spring	83.49 45	P			13 05 22.0	+0.5
KVN	Kaiserwille	83.60 42	P			13 05 23.0	+0.9
KVN	Kaiserwille	83.60 42	P			13 05 23.0	+0.9
SHRP	Sheep Range	83.93 46	P			13 05 22.9	-0.9
W13A	Hualapai Mount	83.96 47	P			13 05 23.3	-0.7
TRI01	Troll	84.04 180	P			13 05 24.9	+1.1
LL02	Futaleuf	84.05 135	P			13 05 25.8	+1.4
LL02	Futaleuf	84.05 135	I			13 05 27.6	
MOD	Modoc Plateau	84.09 39	P			13 05 23.8	-0.6
K05A	Summer Lake	84.28 38	P			13 05 26.0	-0.1
K05A	Summer Lake	84.28 38	I			13 05 29.0	
SNA4	Sanae	84.29 178	P			13 05 25.6	+0.7
SNA4	Sanae	84.29 178	P			13 05 25.7	+0.7
SNA4	Sanae	84.29 178	P			13 05 25.7	+0.7
SNA4	Sanae	84.29 178	P			13 05 25.7	+0.7
VNA3	Neumayer Olym	84.39 176	P			13 05 26.3	+0.9
PRN	Pachec Range	84.53 45	P			13 05 26.7	-0.1
TUC	Tuccon	84.55 51	P			13 05 26.5	-0.4
TUC	Tuccon	84.55 51	I			13 05 30.7	
TUC	Tuccon	84.55 51	P			13 05 26.5	-0.4
TUC	Tuccon	84.55 51	P			13 05 26.5	-0.4
VNA2	Neumayer-Watz	84.84 177	P			13 05 28.8	+1.1
CJUT	Cedar City	85.70 46	P			13 05 28.4	-0.3
CN2	Changchun	85.80 322	eP			13 05 32.5	-0.2
CN2	Changchun	85.80 322	P			13 05 32.5	-0.2
PLCA	Paso Flores	86.06 133	P			13 05 36.8	+2.5
PLCA	Paso Flores	86.06 133	P			13 05 36.9	+2.5
PLCA	Paso Flores	86.06 133	P			13 05 36.9	+2.5
PLCA	Paso Flores	86.06 133	P			13 05 36.9	+2.5
KLR	Kul d'ur	86.18 329	LR			13 39 07.1	
X18A	Snowflake	86.33 50	P			13 05 37.4	+1.6
X18A	Snowflake	86.33 50	I			13 05 39.2	
G08A	Pilot Rock	87.00 37	P			13 05 38.4	-0.3
G08A	Pilot Rock	87.00 37	I			13 05 41.8	
MSU	Marysvale	87.02 45	P			13 05 39.0	-0.1
MSU	Marysvale	87.02 45	P			13 05 39.0	-0.1
MA2	Magadan	87.159 344	LR			13 40 41.3	
TX31	Lajitas Ar. Si	88.28 57	P			13 05 45.6	+0.4
TXAR	Lajitas Ar. Si	88.28 57	P			13 05 47.5	+2.4
TXAR	Lajitas Ar. Si	88.28 57	P			13 05 46.6	+1.4
TXAR	Lajitas Array	88.28 57	P			13 05 46.6	+1.4
BNM	Barren Site	88.47 51	P			13 05 45.6	-0.5
ANMO	Albuquerque	89.00 51	P			13 05 50.2	+1.7
ANMO	Albuquerque	89.00 51	P			13 05 49.6	+1.1
ANMO	Albuquerque	89.00 51	P			13 05 52.2	
ANMO	Albuquerque	89.00 51	P			13 05 49.6	+1.1
K20K	Telida	89.13 10	P			13 05 48.6	+0.4
K20K	Telida	89.13 10	I			13 05 53.4	
GDL2	Guadalupe Moun	89.15 54	P			13 05 50.3	+1.1
GYA	Guyang	89.29 299	pP			13 05 52.5	+2.5
GYA	Guyang	89.29 299	pP			13 05 52.5	+2.5
S22A	4UR Ranch, Cre	90.17 48	P			13 05 53.1	-1.0
S22A	4UR Ranch, Cre	90.17 48	I			13 05 57.1	
SEY	Seymchan	90.19 347	LR			14 02 02.3	
SEY	Seymchan	90.19 347	LR			13 05 52.8	-0.3
PDAR	Pinedale Array	91.02 43	P			13 05 58.9	+1.0
PDAR	Pinedale Array	91.02 43	P			13 05 58.4	+0.5
PDAR	Pinedale Array	91.02 43	P			13 05 58.9	+0.3
PDAR	Pinedale Array	91.02 43	P			13 05 58.9	+0.3
T25A	Trinidad	91.53 50	P			13 06 00.3	0.0
ILAR	Eielson Array	91.72 12	P			13 06 00.7	+0.5
ILAR	Eielson Array	91.72 12	LR			13 41 15.5	
JCT	Junction City	91.78 57	P			13 06 01.2	-0.2
JCT	Junction City	91.78 57	I			13 06 03.4	
JCT	Junction City	91.78 57	P			13 06 01.2	-0.2
JCT	Junction City	91.78 57	pP			13 06 01.2	-0.2
CMAR	Chiang Mai Arr	92.22 289	P			13 06 03.6	-0.1
CMAR	Chiang Mai Arr	92.22 289	LR			13 48 08.1	
CHTO	Chiang Mai	92.37 289	P			13 06 04.1	-0.2
CHTO	Chiang Mai	92.37 289	P			13 06 08.2	
CHTO	Chiang Mai	92.37 289	P			13 06 04.1	-0.2
CHTO	Chiang Mai	92.37 289	pP			13 06 05.5	+0.3
HHC	Hu-ho-hao-te	92.60 314	eP			13 06 06.5	+1.5
HHC	Hu-ho-hao-te	92.60 314	P			13 06 06.5	+1.5
HHC	Hu-ho-hao-te	92.60 314	P			13 06 06.5	+1.5
BILL	Bilibino	92.81 354	P			13 06 06.8	+1.7
BILL	Bilibino	92.81 354</					

IHED	Heoinshofoi baz=154	1.22 152	P	Pn	12 56 43.3 -2.0
IHED			S	Sn	12 57 01.2 -1.0
IHLA	baz=154	1.23 174	P	Pn	12 56 44.1 -1.4
IHLA	baz=174		S	Sn	12 57 02.5 0.0
IGRA	Granastaoir	1.33 159	P	Pn	12 56 45.6 -1.2
IDIM	Dimmaldals	1.40 149	S	Sg	12 57 06.5 +0.1
IDIM	baz=151		P	Pn	12 56 46.8 -1.0
IGIL	Gilhagi	1.44 138	P	Pn	12 56 47.3 -1.1
ISKI	Skildingahish	1.46 152	P	Pn	12 56 48.3 -0.4
IGHA	Griothals	1.56 147	P	Pn	12 56 48.3 -1.7
ISVA	Svartartok	1.92 161	P	Pn	12 56 54.7 -0.3
ISTE	Stelbrattur	2.34 190	P	Pn	12 57 01.9 +1.1
IDYN	Dyngjuhals	2.44 166	P	Pn	12 57 02.5 +0.2
BORG	Borgarnes	2.65 205	Pn	Pn	12 57 04.6 -0.3
BORG	6.6nm,0.3s,baz=19,slow=6.2,SNR=13		Sn	Sb	12 57 39.7 -2.6
BORG	2.5nm,0.3s,baz=10,slow=5.1,SNR=3.2		Lg	Lg	12 57 49.3
BORG	9.0nm,0.3s,baz=224,slow=21,SNR=6.8		LR	LR	12 58 01.3
JMIC	Jan Mayen comp=Z,95nm,19.8s,baz=323,slow=37	5.30 39	LR	LR	12 58 26.5
SUMG	Summit	6.67 318	i P	Pn	12 58 28.0 +0.1
EKA	Eskdalemuir Ar baz=335,slow=9.6	13.96 141	Pn	Pn	12 59 42.3 +2.4
EKA			LR	LR	13 04 46.8
SPITS	Spitsbergen Ar baz=225,slow=12	14.82 28	Pn	Pn	12 59 51.5 0.0
HFS	Hagfors	15.85 101	Pn	P	13 00 08.3 -0.8
FINES	FINES Array B 0.1nm,0.3s,baz=317,slow=9.9,SNR=5.5	19.86 85	P	Pn	13 00 54.8 +0.1
CLL	Collin	22.31 120	eP	P	13 01 21.0 +1.3
AKASG	Malin Array Be 1.1nm,0.6s,baz=329,slow=9.4,SNR=7.9	28.74 101	P	P	13 02 19.1 -0.5
ESDC	Sonsec Array 0.7nm,0.9s,baz=0.0,slow=7.6,SNR=3.0	28.74 156	P	P	13 02 20.6 +0.8
VAE	Valguarnera	35.12 131	LR	LR	13 18 11.9
YKA	Yellowknife Ar comp=Z,4.7nm,18.2s,baz=326,slow=37	37.17 110	LR	LR	13 19 12.3
INK	Inuvik	37.46 326	LR	LR	13 20 19.8
AKTO	Aktjubinsk	40.09 75	P	P	13 03 58.2 +0.6
ILAR	Eielson Array 0.6nm,0.9s,baz=300,slow=11,SNR=3.7	43.25 331	P	P	13 04 23.5 +0.1
KURBB	Kurchatov Arr 0.8nm,0.7s,baz=327,slow=7.4,SNR=6.9	47.28 59	P	P	13 04 55.5 +0.1
PDAR	Pinedale Array 0.4nm,0.7s,baz=48,slow=5.4,SNR=6.3	51.78 290	P	P	13 05 30.4 +0.2
MKAR	Makanchi Array 1.1nm,1.0s,baz=322,slow=11,SNR=2.6	51.85 59	P	P	13 05 30.2 -0.2
CMAR	Chiang Mai Arr 1.0nm,0.3s,baz=322,slow=7.2,SNR=5.5	83.24 58	P	P	13 08 48.2 -0.8
PALK	Pallekele comp=Z,97nm,19.1s,baz=225,slow=37	87.00 79	LR	LR	13 50 24.1

IDC 26 13:20:22.4:2.4,6.06S:129.72E,h0km,mb3.6/1, mbtmp4.0/3,ML3.7/2,MS3.5/1,Error ellipse: s-maj=139.4km s-min=32.7km az=69.0, Banda Sea

Code	Station Name	AZ	Phase ID	Time	Res
WRA	Warramunga Arr 0.3nm,0.3s,baz=345,slow=13,SNR=26	15.42 162	Op	13 23 47.9 -1.4	ISC
WRA			Sn	13 26 15.1 -1.6	ISC
ASAR	Alice Springs 0.4nm,0.3s,baz=347,slow=10,SNR=10	17.96 167	P	13 24 34.5 0.0	ISC
ASAR			S	13 27 40.4 -1.5	ISC
HNR	Honiara comp=Z,80nm,18.3s,baz=170,slow=40	30.13 96	LR	13 40 38.3	ISC
MKAR	Makanchi Array 0.5nm,0.5s,baz=115,slow=6.5,SNR=1.8	67.29 327	P	13 31 19.1 +0.1	ISC

INMG 26 13:22:11.9: 1.7, 42.95N;1.80W,h18km,3km,ML3.2, Error ellipse: s-maj=2.6km s-min=2.2km az=39.0

LDG 26 13:22:11.2:0.1, 42.94N;1.81W,h2km,Md3.4/2, M3.6/3/7, Error ellipse: s-maj=1.3km s-min=1.0km az=146.0

STR 26 13:22:12.1:0.9, 43.3°N;1.7°W,h5km,ML3.6/7, Error ellipse: s-maj=0.0km s-min=0.0km az=72.2, preliminary

MDD 26 13:22:12.1:0.1, 42.94N;1.82W,h12km,MdLg3.4/3/4, Error ellipse: s-maj=1.3km s-min=0.9km az=155.0

SFS 26 13:22:12.0: 42.93N;1.81W,h12km,ML3.4, IRIURTUN (NAVARRA)

ISC 26 13:22:11.0:0.8, 42.93N;1.80W,h16km,5km, n121,az62/256,C,Pyrenees

Code	Station Name	AZ	Phase ID	Time	Res
EARA	Aranguren	0.23 134	Op	13 22 15.1 -1.1	ISC
EARA			Pg	13 22 19.8 +0.1	ISC
EARA			Sg	13 22 20.0 -0.9	ISC
EARA			Pg	13 22 21.3 +0.9	ISC
EARA			Sg	13 22 18.3 -1.4	ISC
EORO	Oroz-Betelu	0.36 96	Pg	13 22 17.2 -1.3	ISC
EORO			Sg	13 22 22.9 -0.7	ISC
EORO			Pg	13 22 26.8	ISC
SJPF	Ste Jean	0.46 66	eP	13 22 18.9 -1.3	ISC
SJPF			eSg	13 22 25.1 -1.4	ISC
OSSF	Osses	0.51 50	P	13 22 19.7 -1.5	ISC
OSSF			Pg	13 22 21.0 -0.6	ISC
OSSF			Sg	13 22 27.7 -0.4	ISC
ATE	Arette	0.82 79	Pg	13 22 26.5 -0.4	ISC
ATERF	Terres-les-Bai	0.90 34	Pg	13 22 38.3 +0.5	ISC
ATERF			Sg	13 22 38.5 0.0	ISC
ETERF			Sg	13 22 40.8 +0.5	ISC
ETERF			Pg	13 22 26.9 -1.8	ISC
ETERF			Pg	13 22 30.6 +1.4	ISC
ETERF			eSg	13 22 40.5 -0.2	ISC
CANF	Canfranc	0.96 100	Pg	13 22 29.3 -0.2	ISC
CANF			Sg	13 22 41.7 -0.5	ISC
ELAN	Lanestosa	1.24 285	Pg	13 22 32.8 -0.8	ISC
ELAN			Sg	13 22 50.5 +0.8	ISC
ELAN			Pg	13 22 55.5	ISC
PYLO	Lourdes	1.29 82	Pg	13 22 34.7 +0.3	ISC
PYLO			Sb	13 22 52.7 +1.4	ISC
VIEF	Viey	1.34 91	Pg	13 22 35.8 +0.7	ISC
VIEF			Sb	13 22 54.2 +1.6	ISC
ECHI	Chisagues Biel	1.49 100	Pg	13 22 38.8 +1.5	ISC
ECHI			Sg	13 22 58.4 +1.9	ISC
ECHI			Pg	13 23 03.5	ISC
ECHI	Chisagues Biel	1.49 100	Pn	13 22 38.9 +1.6	ISC
ECHI			Sn	13 22 59.2 +2.1	ISC
ESAC	San Caprasio	1.56 140	Pn	13 22 38.6 +0.6	ISC
ESAC			Pg	13 22 39.8 +0.3	ISC
ESAC			Pb	13 23 00.3 +2.3	ISC
EPF	Esparrros	1.57 86	eP	13 22 38.8 +0.5	ISC
EPF	Esparrros	1.57 86	eP	13 22 41.6 +1.9	ISC

EPF	446nm,0.3s	eSg	Sb	13 23 01.5 +2.1
ETOR	Torete	2.12 185	Pn	13 22 46.2 +0.3
ETOR			Pg	13 22 49.7 +0.6
ETOR			Sn	13 23 11.1 -0.7
ETOR			Sg	13 23 17.2 +2.1
ETOR			Pb	13 23 21.4
ETOR	chateau la Riv	2.29 28	Pn	13 22 50.0 +2.0
ETOR	LRVF		Pn	13 23 18.6 +2.8
ETOR	PAND	2.50 98	Pn	13 22 53.8 +2.1
ETOR	Andorre		Sn	13 23 21.6 -0.4
ETOR	Arriondas	2.53 280	Pn	13 22 51.9 +0.5
ETOR	EARI		Pn	13 23 20.5 -1.3
ETOR	EARI		Pn	13 23 29.3 +2.5
ETOR	EARI		Sb	13 23 38.9
ETOR	Horta de San J	2.53 140	Pn	13 22 51.8 +0.3
ETOR	ERTA		Sa	13 23 30.2 +3.2
ETOR	ERTA		Sg	13 23 40.3
ETOR	ERTA		Pn	13 23 54.1 +1.7
ETOR	MONQ	2.60 56	Pn	13 23 26.0 +2.3
ETOR	MONQ		Sn	13 22 53.6 +0.3
ETOR	POblet	2.66 125	Pn	13 22 58.7 +0.5
ETOR	EPOB		Pn	13 23 24.2 -1.0
ETOR	EPOB		Sn	13 23 34.3 +3.7
ETOR	EPOB		Sg	13 23 43.5
ETOR	EMIR	2.66 111	Pn	13 22 54.2 +1.0
ETOR	EMIR		Sn	13 22 44.1 +1.2
ETOR	EMIR		Sb	13 23 35.0 +4.3
ETOR	EMIR		Pn	13 23 48.5
ETOR	LFF	2.72 42	eP	13 22 53.9 -0.1
ETOR	LFF	2.72 42	eP	13 23 01.1 +1.9
ETOR	LFF		Sn	13 23 25.5 -1.0
EMOS	36nm,0.6s		Pn	13 22 55.8 +1.2
EMOS	Mosqueruela	2.75 158	Pn	13 22 26.6 -1.0
EMOS			Sg	13 23 38.1 -1.3
EMOS			Sg	13 23 47.7
EMOS			Pn	13 23 49.3 -0.3
UCM	Universidad Co	2.84 203	S	13 23 30.9 +1.4
UCM			Pn	13 22 56.4 0.0
UCM	Guadarrama	2.89 218	Pn	13 23 29.7 -1.1
UCM			Sb	13 23 40.7 +3.4
UCM			Pn	13 22 58.0 +0.6
UCM	Montoliu	2.97 81	eP	13 23 04.3 +3.0
UCM	Montoliu	2.97 81	eP	13 23 05.8 +2.3
UCM	Montoliu	2.97 81	eP	13 23 30.6 -2.1
UCM			Pn	13 23 02.0 +0.9
UCM	Fillas	3.23 95	Pn	13 23 37.9 -1.3
UCM	Fillas		Sn	13 23 02.7 -0.2
UCM	RJF	3.37 44	eP	13 23 40.3 -2.2
UCM	RJF		Pn	13 23 04.1 +0.7
UCM	RJF		Pb	13 23 12.4 +1.6
UCM	RJF		Pn	13 23 40.3 -0.3
UCM	RJF		Sg	13 23 57.6 -2.4
UCM	RJF		Sg	13 23 03.9 +0.1
UCM	RJF		Sn	13 23 43.1 -1.0
UCM	SJAF	3.48 96	Pn	13 23 05.9 +1.5
UCM	EJON	3.49 96	Pn	13 23 06.0 +1.4
UCM	EJON		Sn	13 23 45.1 -0.5
UCM	EJON		Sg	13 24 02.7 +5.7
UCM	EJON		Sg	13 23 21.0 +0.5
UCM	Isas Columbre	3.56 148	Pn	13 23 06.1 +0.6
UCM	Isas Columbre		Pg	13 23 15.2 +1.6
UCM	Isas Columbre		Pb	13 23 46.3 -0.9
UCM	Isas Columbre		Sg	13 24 02.9 -2.4
UCM	Isas Columbre		Pn	13 23 06.0 +0.5
UCM	Isas Columbre		Pn	13 23 48.2 -1.1
UCM	Isas Columbre		Sb	13 24 04.3 +5.5
UCM	Isas Columbre		Sg	13 23 08.4 -0.4
UCM	Isas Columbre		Sg	13 23 51.4 -1.6
UCM	Isas Columbre		Sb	13 24 08.2 +5.1
UCM	Isas Columbre		Pn	13 23 09.4 +0.1
UCM	Isas Columbre		eSg	13 23 55.1 +1.1
UCM	Isas Columbre		Sg	13 24 06.7 +2.3
UCM	Isas Columbre		A	13 24 26.7
UCM	Saint Martin d	3.85 17	eP	13 23 09.5 -0.1
UCM	Saint Martin d	3.85 17	eP	13 23 22.3 +3.7
UCM	Saint Martin d	3.85 17	eSg	13 23 51.7 -2.8
UCM	16nm,0.4s		Sg	13 24 11.7 -3.1
UCM	62nm,0.7s		eSg	13 23 11.7 +2.1
UCM	Saint Martin d	3.85 17	Pn	13 23 09.7 -0.5
UCM	San Pablo	3.89 210	Pn	13 23 54.7 -0.8
UCM	PAB		Sn	13 23 11.3 +5.2
UCM	PAB		Sg	13 24 15.8 +0.8
UCM	PAB		Sg	13 23 54.5 -2.1
UCM	PAB		Sb	13 24 12.6 +5.2
UCM	PAB		Pn	13 24 25.2
UCM	Ste Croix	4.27 73	eSg	13 23 47.7 +0.4
UCM	LASF		Sn	13 24 02.3 -2.5
UCM	33nm,0.4s		Pn	13 23 15.2 -0.3
UCM	Mconcorvo	4.28 247	eP	13 23 30.4 -2.5
UCM	Mconcorvo	4.28 247	eP	13 24 05.6 +0.5
UCM	Mconcorvo		Sb	13 24 23.6 +6.4
UCM	Mconcorvo		A	13 24 40.3
UCM	42nm,0.4s		Pn	13 23 16.9 +1.3
UCM	Tobarra	4.29 177	Pn	13 23 20.0 -3.6
UCM	Tobarra		Sg	13 24 39.2
UCM	Tobarra		Pn	13 23 16.9 -4.0
UCM	Tobarra		Sg	13 24 04.5 -3.8
UCM	Toulx Ste Croi	4.41 39	eSg	13 23 29.5 -3.1
UCM	TCF		Sg	13 23 17.9 +0.5
UCM	TCF		Sn	13 24 06.5 -2.1
UCM	TCF		Pn	13 24 10.5 -1.6
UCM	TCF		Sg	13 24 49.2
UCM	TCF		Pn	13 23 20.7 +0.5
UCM	TCF		Sg	13 24 11.1 -2.5
UCM	TCF		Pn	13 24 52.4
UCM	Mallorca	4.69 131	Pn	13 23 21.1 -0.1
UCM	ETOS		Sn	13 24 12.3 -2.9
UCM	ETOS		Pn	13 23 21.6 +0.3
UCM	Vila Real	4.70 251	eP	13 24 15.0 -0.5
UCM	PVRL		eSg	13 23 47.6 -4.4
UCM	PVRL		Pn	13 24 50.0
UCM	PVRL		Sg	13 23 21.6 +0.3
UCM	PVRL		Sb	13 24 15.0 -0.5
UCM	PVRL		A	13 24 59.3
UCM	25nm,0.8s		Pn	13 23 21.6 0.0
UCM	Lamas de Olo	4.72 253	eP	13 24 14.7 -1.3
UCM	Lamas de Olo		eSg	13 24 57.1 +5.8
UCM	Lamas de Olo		A	13 24 56.4
UCM	14nm,0			

26d 14h

SDDR		IAML		13 25 13.8	
LOPE2	Hotel El Peder	0.65 195	i P	Pb	13 25 11.2 -0.1
LOPE2			eS	Sn	13 25 22.5 -0.1
LOPE2				IAML	13 25 27.1
LODA1		ITESIL, Dajabo		0.88 352	
LODA1			i P	Pb	13 25 14.1 -1.1
LODA1			eS	Sn	13 25 25.8 -0.9
LODA1				IAML	13 25 30.9
JAKH		Jacmel		1.00 245	
JAKH			i P	Pb	13 25 15.9 -1.3
JAKH			eS	Sn	13 25 32.5 +1.4
JAKH				IAML	13 25 36.9
SC01		Santiago de lo		1.10 46	
SC01			i P	Pb	13 25 19.6 +0.6
SC01			eS	Sn	13 25 34.7 +0.3
SC01				IAML	13 25 41.8
BANI		BANI		1.18 103	
BANI			i P	Pb	13 25 20.5 +0.3
BANI			eS	Sn	13 25 35.8 +0.4
BANI				IAML	13 25 42.0
LOPP1		Punta Rusia, P		1.23 16	
LOPP1			i P	Pn	13 25 21.0 +0.3
LOPP1				IAML	13 25 37.6
SDD		Santo Domingo		1.58 97	
SDD			eP	Pn	13 25 26.1 +0.5
SDD			eS	Sn	13 25 48.9 -0.9
SDD				IAML	13 26 17.7 +0.7
GRTK		Grand Turko		2.86 8	
GRTK			eS	Sn	13 26 22.3
MASC		Masc		2.93 301	
MASC			eP	Pn	13 25 45.9 +1.8
MASC			eS	Sn	13 26 22.1 +3.4
MASC				IAML	13 26 26.5
MASC		Masc		2.93 301	
MASC			i P	Pn	13 25 47.0 +3.0
MASC				IAML	13 26 30.8
GTBY		Guantanamo Bay		3.57 291	
GTBY			i P	Pn	13 25 53.5 +0.6
GTBY			eP	Pn	13 25 53.5 +0.6
GTBY				IAML	13 26 44.9
RCC		Rio Carpintero		4.11 289	
RCC			eP	Sn	13 25 59.6 -0.8
RCC			eS	Sn	13 25 37.9 -1.7
RCC				IAML	13 27 00.9
RCC				comp=E, 8.0nm, 0.5s	
RCC				IAML	13 27 03.2
LMGC		Las Mercedes		5.32 286	
LMGC			eP	Sn	13 26 17.6 +0.6
LMGC			eS	Pn	13 27 15.7 -2.0
LMGC				IAML	13 27 16.6
LMGC				comp=N, 6.1nm, 0.1s	
LMGC				IAML	13 27 17.8
LMGC				comp=E, 2.6nm, 0.0s	

JMA 26 13:24:59.7±0.3, 35.9N±0.6; 14.2E±, h65km, MV2.8/2.8, FAR E OFF KANTO
 IDC 26 13:25:01.6±2.5, 35.68N±141.92E, h0km, mb3.5/2, mbmp3.3/4, ML2.5/2, Error ellipse: s-maj=49.5km s-min=28.9km az=69.0

ISC 26 13:24:59.5±1.2, 35.87N±0.05; 142.34E±0.09, h10km, n25, ±1980/25, mb3.6/3, Off east coast of Honshu

Code		Station Name		Δ° AZ°		Phase ID		Time Res	
CHOJ	Choshi	1.22 263	eP	Pn	13 25 21.7 -0.8				
JHYU	Hitachinakayama	1.50 289	eP	Sn	13 25 25.3 -1.1				
JHYU		2.40 284	eS	Pn	13 25 44.4 -1.5				
JHYU		1.61 298	eP	Pn	13 25 26.3 -1.7				
BS01	Boso 1	1.65 223	eP	Pn	13 25 27.2 -0.7				
BS03	Boso 3	1.83 235	eP	Pn	13 25 30.6 -0.2				
JFK	Kawauchi	1.90 322	eP	Sn	13 25 30.5 -1.5				
JFK		2.30 316	eS	Sn	13 25 53.7 -2.4				
JFT	Otama	2.30 316	eP	Pn	13 25 37.2 -0.3				
JFT	Ashikaga	2.42 284	eP	Pn	13 25 37.9 -1.0				
JOD2	Odawara 2	2.72 258	eP	Pn	13 25 43.3 +0.1				
JOD2		2.72 258	eS	Sn	13 26 15.3 -0.8				
ARYB	Ryogami san	2.79 274	eP	Pn	13 25 43.6 -0.7				
JYN	Shimob	3.11 244	eP	Pn	13 25 48.7 0.0				
JMK	Ichinoseki	3.21 364	eP	Sn	13 25 48.6 -1.2				
JMK		3.21 364	eS	Sn	13 26 25.6 -2.6				
MJAR	Matsushiro Arr	3.41 283	Pn	Sn	13 25 51.7 -1.0				
MJAR		0.2nm, 0.3s, baz=98, slow=25, SNR=8.4							
MJAR		0.1nm, 0.3s, baz=112, slow=39, SNR=1-3			13 26 33.2 0.0				
MJAR		1.1nm, 0.5s							
JHJ	Hachioji jima 2	3.46 218	Pn	Pn	13 25 51.8 -1.6				
JHJ		4.6nm, 0.3s, baz=31, slow=18, SNR=8.8							
JHJ		5.5nm, 0.3s, baz=281, slow=23, SNR=6.3			13 26 30.7 -3.7				
JHJ		7.2nm, 0.3s							
JOM	Ohasama	3.69 347	eS	Sn	13 26 37.9 -2.3				
JJC	Chichijima	8.75 181	Pn	Pn	13 27 03.3 -2.7				
JJC		1.5nm, 0.3s, baz=261, slow=21, SNR=12							
JJC		3.0nm, 0.3s, baz=296, slow=22, SNR=2.5			13 28 36.3 -8.4				
H1N2	WAKE ISLAND Hy 26.91 120	T	T	T	13 58 44.2				
H1N1	WAKE ISLAND Hy 26.92 120	T	T	T	13 58 44.8				
H1N3	WAKE ISLAND Hy 26.93 120	T	T	T	13 58 45.6				
H1N1	WAKE ISLAND Hy 27.60 122	T	T	T	13 59 35.8				
H1N3	WAKE ISLAND Hy 27.60 122	T	T	T	13 59 32.9				
H1N3	WAKE ISLAND Hy 27.60 122	T	T	T	13 59 29.6				
MSK2	WAKE ISLAND Hy 27.62 122	T	T	T	13 59 29.6				
MSK2		0.6nm, 0.8s, baz=79, slow=9.5, SNR=2.9							
MSK2		0.6nm, 0.8s							
WRA	Warramunga Arr	56.02 189	P	P	13 34 41.5 +3.0				
WRA		0.7nm, 1.0s, baz=2.5, slow=7.3, SNR=2.5							
ASAR	Alice Springs	59.75 189	P	P	13 35 05.3 +0.7				
ASAR		0.3nm, 0.8s, baz=13, slow=7.3, SNR=1.9							

IDC 26 13:43:54.0±3.4, 36.15N±136.94E, h212km, 96km, mb3.0/2, mbmp3.5/2, Error ellipse: s-maj=257.2km s-min=21.9km az=65.0

JMA 26 13:43:54.5±0.3, 36.1N±131.3E±, h242km, 2km, MV2.6/2.8, HIDA MOUNTAINS REGION

ISC 26 13:43:54.4±1.0, 36.41N±137.6E±0.1, h238km, 8km, n13, ±952/18, mb3.1/3, Eastern Honshu

Code		Station Name		Δ° AZ°		Phase ID		Time Res	
MAT	Matsushiro	0.48 74	eP	Pn	13 44 26.3 +0.5				
MAT		0.48 74	eS	Pn	13 44 50.1 -0.3				
MAT		0.48 74	eP	Pn	13 44 26.4 +0.6				
MJAR		3.4nm, 0.7s, baz=12, slow=18, SNR=7.6			13 44 50.6 +0.2				
JYTA	Yamagatanai	1.09 222	Pn	Pn	13 44 29.0 +0.4				
JYTA		1.10 17	eS	Pn	13 44 55.3 -0.2				
JRY	Ryogami san	1.10 110	eS	Pn	13 44 28.9 +0.2				
JRY		1.10 110	eS	Pn	13 44 31.9 +0.7				
JAG	Ashikaga	1.47 89	eP	Pn	13 44 31.3 0.0				
JAG		1.47 89	eS	Pn	13 44 59.4 -0.8				
JOD2	Odawara 2	1.65 314	eP	Pn	13 44 34.4 +0.7				
JSD	Sado	1.70 17	eP	Pn	13 44 33.3 +0.2				
JNS	Sasagawa	1.95 43	eP	Pn	13 44 35.7 +0.5				
JFT	Otama	2.44 62	eP	Pn	13 44 40.9 -0.5				
KURBB	Kurchatov Arr	4.39 308	P	P	13 51 37.6 -0.9				
KURBB		0.6nm, 0.6s, baz=85, slow=6.8, SNR=4.2							
WRA	Warramunga Arr	56.13 184	P	P	13 53 09.5 +0.2				
WRA		0.1nm, 0.3s, baz=359, slow=7.6, SNR=5.9							
WRA		0.1nm, 0.3s							
ASAR	Alice Springs	59.85 184	P	P	13 53 35.2 +0.1				
ASAR		0.5nm, 1.0s, baz=1.3, slow=6.9, SNR=2.1							

ISK 26 13:44:30.3, 38.53N±26.38E, h13km, ML2.6/10
 DDA 26 13:44:30.6±0.0, 38.51N±26.37E, h7km±4km, ML2.4
 ATH 26 13:44:31.4, 38.51N±26.37E, h15km±5km, ML2.8/6, Error ellipse: s-maj=6.4km s-min=1.1km az=246.0
 THE 26 13:44:31.2, 38.52N±26.37E, h8km±5km, ML2.8/4, Error ellipse: s-maj=6.0km s-min=0.7km az=257.0

2016 JUL

ISC 26 13:44:30.9±0.9, 38.53N±0.02; 26.39E±0.02, h12km, 6km, n33, ±637/49, Aegean Sea

Code		Station Name		Δ° AZ°		Phase ID		Time Res	
URLA	Izmir	1.23 135	Op	ISC	13 44 35.2 -0.6				
URLA			P	PG	13 44 38.7 -0.4				
URLA			S	AML	13 44 39.0				
URLA			i	AML					
CHOS		Chios island		0.30 242					
CHOS			P	PG	13 44 37.2 +0.2				
CHOS			S	SG	13 44 41.0 -0.1				
CHOS			PG	PG	13 44 37.3 +0.2				
CHOS			SG	SG	13 44 41.0 -0.1				
CHOS			P	PG	13 44 37.2 +0.2				
CHOS			S	AML	13 44 41.1 0.0				
CHOS			AML	AML	13 44 41.4				
ZVEY		Zmir, Ura-Ze		0.30 163					
ZVEY			P	PG	13 44 37.3 +0.3				
ZVEY			S	AML	13 44 41.7 +0.6				
ZVEY			i	AML	13 44 42.0				
FOCM		Foca		0.33 55					
FOCM			P	PG	13 44 37.6 +0.1				
FOCM			S	SG	13 44 42.7 +0.8				
FOCM			P	PG	13 44 41.4 +0.1				
FOCM			P	PG	13 44 41.6 +0.3				
FOCM			P	PG	13 44 42.6 -0.2				
FOCM			P	AML	13 44 51.0				
PSRA		Psara		0.65 272					
PSRA			P	Pb	13 44 44.1 0.0				
PSRA			S	Sb	13 44 52.4 -0.7				
PSRA				AML	13 44 55.2				
PSRA		Psara		0.65 272					
PSRA			AML	AML	13 44 56.0				
DKL		Dikili		0.68 36					
DKL			P	PG	13 44 43.6 -0.5				
DKL			P	S	13 44 44.4 0.0				
DKL			P	Sb	13 44 55.1 +0.6				
DKL			P	Pb	13 44 45.6 +0.1				
DKL			P	Sb	13 44 55.5 +0.1				
DKL			P	Sb	13 44 57.8				
PRK		Paraskevi		0.73 353					
PRK			P	Pb	13 44 45.6 +0.1				
PRK			P	S	13 44 55.5 +0.1				
PRK			P	Sb	13 44 57.8				
SIGR		Sigr		0.80 329					
SIGR			P	AML	13 44 58.6				
SIGR		Sigr		0.80 329					
SIGR			PG	PG	13 44 46.6 +0.1				
SIGR			SG	SG	13 44 57.9 +0.3				
SIGR			P	PG	13 44 46.6 +0.1				
SIGR			S	Sb	13 44 57.5 0.0				
SIGR			AML	AML	13 44 58.5				
AYVA		Ayvalik		0.82 17					
AYVA			P	PG	13 44 46.3 -0.4				
AYVA			S	Pb	13 44 57.6 +0.2				
AYVA			P	Pb	13 44 48.0 -0.1				
AYVA			P	Sb	13 45 08.0 +0.8				
SMG		Samos		0.89 156					
SMG			P	PG	13 44 48.0 -0.1				
SMG			S	Sb	13 45 01.1 +0.1				
SMG			AML	AML	13 45 02.2				
SMG		Samos		0.89 156					
SMG			AML	AML	13 45 02.3				
GNPR		Gulpinar-Canak		0.95 348					
GNPR			PG	Pb	13 44 49.3 0.0				
GNPR			P	P	13 45 50.2 +0.1				
GNPR			P	Pb	13 44 52.0 0.0				
GNPR			P	Pb	13 44 53.1 -0.7				
GNPR			P	Pn	13 44 54.7 -0.2				
GNPR			P	Pn	13 44 55.0 -0.2				
GNPR			P	P	13 45				

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like NLAI Namlea, MSAI Masohi, BKBA Balikpapan, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like JMBI Citeko, MANU Manu Island, IPM Ipo, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like HNS HongShan, COEN Coen, WRAB Warrungarra, etc.

Table with columns for station call letters, frequency, mode, and various signal quality metrics. The table lists stations such as MDJ, XLT, ERM, etc., across various frequencies and modes, including metrics like S/NR, SNR, and various error rates.

Table with columns: BRVK, Borovoye, 61.80 326, P, P, 14.39 26.3 -0.4, etc. Includes entries like TIXI Tiksi, HRA Herat, GSTR Bilibino, etc.

Table with columns: J20K Novinta River, 77.18 26, P, P, 14.41 01.5 +0.1, etc. Includes entries like OHAK Old Harbor, ZEI Tsey, IMAR Indian Mountain, etc.

Table with columns: KNK Knik Glacier, 79.71 29, P, P, 14.41 14.4 -1.1, etc. Includes entries like MDM SML Sawmill, SML Sawmill, PWL Port Wells, etc.

26d 15h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like M27K Edge Creek, GRNC Granite Creek, LOGN Logan Glacier, etc.

2016 JUL

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FARO Faro, Yukon, A36M Sachs Harbour, etc.

1446

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like bmbmp4, NEIC 26, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical data. Includes stations like KRUC Moravsky, GERES Array B, CONA, MOA, ARSA, AKASG, and FINES.

MOS 26 16:32:01.7z 1.0, 55.68S:26:84W, h44km, mb5.4/6, Error ellipse: s-maj=19.6km s-min=10.9km az=114.7

NEIC 26 16:32:03.1z 2.55.66S:10:09.26.7W:0.1, h35km, 1km, mb5.4/81, Error ellipse: s-maj=14.9km s-min=13.9km az=30.0

Code Station Name Az AzZ Phase ID h m s Res

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, h, m, s, Res. Lists various stations and their coordinates.

Main table of astronomical observations for July 2016. Columns include station names (e.g., G009 Cerro Castillo), frequency, mode, power, and other technical details.

Table of astronomical observations for the 26th day of the month. Columns include station names (e.g., PB07 IPOC Station P), frequency, mode, power, and other technical details.

26d 16h

Table with columns: ID, Name, Value, Unit, Category, Status, and other metrics. Includes entries for OTAV, GARC, BBAC, PRAC, etc.

2016 JUL

Table with columns: ID, Name, Value, Unit, Category, Status, and other metrics. Includes entries for GWY, PRUN, PSUT, etc.

1450

Table with columns: ID, Name, Value, Unit, Category, Status, and other metrics. Includes entries for MKAR, KURBB, WURBO, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Name, and other details. Includes entries like E25K Arctic Village, IL31 Eielson Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like MJAR, MAJO, CN2, etc.

SSNC 26 16:46:12.9,3,5,17:71N:70:98W,h20km,52km,ML4.3, MV4.2
NEIC 26 16:46:21.3:1.4, 18:43N:0:03:71.43W:0:05, h17km,4km, mb4.6/17,Error ellipse: s-maj=6.5km s-min=4.5km az=81.0

OSPL 26 16:46:22.4:2.9, 18:46N:71:40W,h6km,11km,ML4.3, Fault plane solution: N1P1:0.2620000°, 1.156.40000°

IDC 26 16:46:27.2:2.3, 18:24N:71:30W,h73km,mjkm,mb3.4/14, mbmp3.7/14, MS3,4/7, Error ellipse: s-maj=22km s-min=18.0km

ISC 26 16:46:19.8:0.4, 18:41N:0:03:71.38W:0:03, h10km,m143, c153/149,mb4.0/21, MS3.4/5,5C-5D,Dominican Republic region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like LOPE2, LOPE1, LOPE2, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Name, and other details. Includes entries like STVI, CDVI, HATO, etc.

26d 19h

Table of seismic stations in the Pacific Northwest region, including stations like URZ, LIFNC, DZM, etc.

JMA 26 19:02:39.4-0.3, 37.4N±1.0, 144E±1.1, h41km, MV3.7/29,

Table of station data for the JMA 26 19:02:39.4-0.3, 37.4N±1.0, 144E±1.1 event, listing station names and coordinates.

26 19:04:19.5±1.9, 22.16N±1.21, 156E±0.43km, mb3.3/3,

JMA 26 19:04:25.4-0.3, 22.16N±1.21, 156E±0.43km, mb3.3/3,

TAP 26 19:04:26.3, 22.33N±1.02, 115E±0.02, h26km, 6.6km,

ISC 26 19:04:25.8-0.8, 22.33N±1.02, 115E±0.02, h26km, 6.6km,

Code Station Name Δ° AZZ° Phase ID Time Res

Table with 5 columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time Res

2016 JUL

Main table of seismic stations in the Pacific Northwest region, including stations like TAWH, EAST, ECL, etc.

1454

Table of seismic stations in the Pacific Northwest region, including stations like EGFH, VWDT, SSLB, etc.

IDC 26 19:40:17.4±3.8, 14°30'S±7.4°11'W, h97km, 19km, mb3.3/2,

ISC 26 19:40:20.0-1.6, 14°45'S±8.2°17'W±0.1, h91km, n17,

Table of station data for the IDC 26 19:40:17.4±3.8, 14°30'S±7.4°11'W event.

IDC 26 19:46:28.7-0.4, 52°88'N±166°82'W, h0km, mb4.8/38,

MOS 26 19:46:28.6±1.1, 52°93'N±166°81'W, h9km, mb5.6/19,

BUI 26 19:46:29.0-0.0, 52°90'N±166°70'W, h20km, mb5.2/77,

AEIC 26 19:46:30.2-0.1, 52°79'N±166°71'W±0.05, h10km, 3km,

NEIC 26 19:46:31.6±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

NEIC 26 19:46:32.4±2.3, 83°N±0°4', 166°71'W±0.06, h17km, 1km,

Code Station Name Δ° AZZ° Phase ID Time Res

Table with 5 columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time Res

26d 19h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BILL, FAREO, WRAK, etc.

2016 JUL

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like B08A, H04A, DBO, etc.

1456

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CMB, YERR, RES, etc.

1457

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HWUT, FURC, SCZ2, TPNV, TPNU, etc.

2016 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TPFO, BELC, PMPD, 109C, K22A, etc.

26d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like X18A, Q24A, Q24B, etc.

26d 19h

Table with columns: SUJ, comp, S, S, 20 02 02.1 +6.9, etc. Lists various locations like N35A Tabor, D41A Chassel, CPXR Cap Rock, etc.

2016 JUL

Table with columns: WMOK, comp, I, Amb, I, Amb, 19 55 41.1, etc. Lists various locations like WMOK Wichita Mounta, WMOK Wichita Mounta, etc.

1458

Table with columns: Q44A Meyer Farm, Va, 53.28 72 P, I, Amb, 19 55 47.8 -1.1, etc. Lists various locations like Q44A Meyer Farm, Va, Q44A Lafayette, etc.

1459

Table with columns: Station, Name, Frequency, Class, Mode, Signal, and Offset. Includes stations like Nanjing, Mont Tremblant, WI Miller and, etc.

2016 JUL

Table with columns: Station, Name, Frequency, Class, Mode, Signal, and Offset. Includes stations like Sunshine Farm, Cooper Cave, Binghamton, etc.

26d 19h

Table with columns: Station, Name, Frequency, Class, Mode, Signal, and Offset. Includes stations like Godfrey, Godfrey, Adam Dzewonski, etc.

26d 19h

2016 JUL

1460

Table with columns: Station, Frequency, Power, Class, Modulation, and other parameters. Includes stations like MOL, ARU, KIRV, AKN, DWPB, etc.

Table with columns: Station, Frequency, Power, Class, Modulation, and other parameters. Includes stations like PZH, AKTO, EBH, KMI, KMI, KMI, etc.

Table with columns: Station, Frequency, Power, Class, Modulation, and other parameters. Includes stations like MNK, BSD, KK31, KK31, KK31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PVRL Vila Real, BRYM Bratogost, KSM Kuching, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, POO Poona, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMPST Porto Santo, PMPST Porto Moniz, PMPST Porto Moniz, etc.

comp=N,41nm,SNR=0.5

EARI	Arriondas	10.19	51	P	Pn
EARI	MP3	10.19	51	P	Pn

comp=N,29nm,SNR=0.2

EARI	MP3	10.19	51	P	Pn
MD31	MP3	10.19	51	P	Pn
MD31	MP3	10.19	51	P	Pn
TAF	Taforalat	11.30	99	P	S
TAF	Taforalat	11.30	99	P	S

KRNET 26:20:16:21.2,0.1,39°49N,73°72E,mb3.8
 SOME 26:20:16:21.8,39°50N,73°57E,h5km
 NNC 26:20:16:26.6,1.3,39°66N,73°64E,h0km,mb4.0,mpv3.6,
 Error ellipse: s-maj=12.1km s-min=6.6km az=154.0

ISC 26:20:16:21.3-1.4,39°39N,0°06:73.69E,0.04,h10km,n35,
 @294/57,18C-3D,Tajikistan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Osh	baz=26	1.33	329	I	h m s	ISC
OHH	Osh	1.33	329	I	20 16 45.3	-0.8
OHH	Osh	1.33	329	I	20 17 02.9	-0.8
BTK	Batken	2.31	288	I	20 17 02.7	-0.5
BTK	Batken	2.31	288	I	20 17 32.9	+1.0
ARLS	Aral	2.52	11	I	20 17 04.1	+1.6
ARLS	Aral	2.52	11	I	20 17 35.3	-2.6
GAR	Garm	2.65	263	I	20 17 07.9	-1.1
GAR	Garm	2.65	263	I	20 17 42.0	+0.4
UCH	Uchter	2.91	12	I	20 17 09.8	+1.7
UCH	Uchter	2.91	12	I	20 17 45.1	+1.8
EKS2	Erkin-Say	3.27	11	I	20 17 14.7	+1.9
EKS2	Erkin-Say	3.27	11	I	20 17 53.5	+1.6
MRKS	Merke	3.37	354	E	20 17 24.7	-1.3
MRKS	Merke	3.37	354	E	20 18 10.0	+0.3
CHMS	Chumysh	3.70	12	I	20 17 22.8	-4.0
CHMS	Chumysh	3.70	12	I	20 18 17.5	-1.5
TKM2	Tokmak 2	3.81	22	I	20 17 24.4	+4.1
TKM2	Tokmak 2	3.81	22	I	20 18 21.5	
IUG	Iuzhnyy	3.92	316	E	20 17 31.6	+1.1
IUG	Iuzhnyy	3.92	316	E	20 18 21.2	+3.2
IUG	Iuzhnyy	3.92	316	E	20 17 26.1	+4.5
IUG	Iuzhnyy	3.92	316	E	20 18 12.6	
KST	Kastek	4.04	24	E	20 17 35.2	+2.7
KST	Kastek	4.04	24	E	20 18 28.1	-2.8
KST	Kastek	4.04	24	E	20 17 35.3	+2.7
KST	Kastek	4.04	24	E	20 18 28.1	
SGDS	Sogindyy	4.12	10	E	20 17 37.2	-3.1
SGDS	Sogindyy	4.12	10	E	20 18 30.9	-2.8
DGS	Degeres	4.16	21	E	20 18 31.9	-3.0
DGS	Degeres	4.16	21	E	20 17 37.5	+2.8
DGS	Degeres	4.16	21	E	20 18 31.9	-3.0
DGS	Degeres	4.16	21	E	20 17 37.5	+2.8
DGS	Degeres	4.16	21	E	20 18 31.9	-3.0
CHM	Chimkent	4.26	315	E	20 17 39.1	+2.6
CHM	Chimkent	4.26	315	E	20 18 34.5	-3.8
MTBS	Matlube	4.27	28	E	20 17 39.6	+3.0
MTBS	Matlube	4.27	28	E	20 18 35.8	-2.7
MTBS	Matlube	4.27	28	E	20 17 39.6	+3.0
MTBS	Matlube	4.27	28	E	20 18 35.8	-2.7
KK31	Karayat Array	4.42	328	I	20 17 31.8	+3.3
KK31	Karayat Array	4.42	328	I	20 17 42.4	+3.3
KK31	Karayat Array	4.42	328	I	20 18 36.8	
MDOK	Medeo	4.54	33	E	20 17 45.0	-3.4
MDOK	Medeo	4.54	33	E	20 18 45.0	-2.2
MDOK	Medeo	4.54	33	E	20 17 44.5	+3.3
MDOK	Medeo	4.54	33	E	20 17 45.0	-3.4
MDOK	Medeo	4.54	33	E	20 18 45.0	-2.2
KRBS	Karabastau	4.56	18	E	20 17 44.6	+3.1
KRBS	Karabastau	4.56	18	E	20 18 43.9	-3.7
KRBS	Karabastau	4.56	18	E	20 17 44.6	+3.1
KRBS	Karabastau	4.56	18	E	20 18 43.9	-3.7
KTBS	Karabobe	4.87	26	E	20 17 49.9	+3.2
KTBS	Karabobe	4.87	26	E	20 18 53.7	-4.0
KTBS	Karabobe	4.87	26	E	20 17 49.9	+3.2
KTBS	Karabobe	4.87	26	E	20 18 53.7	-4.0
KUU	Kurdy	4.92	23	E	20 18 53.7	+3.3
KUU	Kurdy	4.92	23	E	20 18 55.0	-4.3
KUU	Kurdy	4.92	23	E	20 17 50.9	+3.3
KUU	Kurdy	4.92	23	E	20 18 55.0	-4.3
CHKK	Chushkala	5.10	28	E	20 17 54.5	+3.8
CHKK	Chushkala	5.10	28	E	20 19 01.2	-4.0
CHKK	Chushkala	5.10	28	E	20 17 54.5	+3.8
CHKK	Chushkala	5.10	28	E	20 19 01.2	-4.0
SATY	Saty	5.11	43	E	20 17 55.7	-3.5
SATY	Saty	5.11	43	E	20 19 03.1	-2.3
SATY	Saty	5.11	43	E	20 17 55.7	-3.5
SATY	Saty	5.11	43	E	20 19 03.1	-2.3
BTL5	Baital	5.66	3	E	20 18 06.5	-3.2
BTL5	Baital	5.66	3	E	20 19 21.9	-1.0
PDGK	Podgornyy	5.88	46	E	20 18 11.5	-2.4
PDGK	Podgornyy	5.88	46	E	20 19 30.9	
PDGK	Podgornyy	5.88	46	E	20 18 12.2	-1.7
PDGK	Podgornyy	5.88	46	E	20 19 29.2	

ICC 26:20:35:02.6,2.2,56°59S,26°11W,h0km,mb4.3/2,
 mbmp4.3/2,Error ellipse: s-maj=81.6km s-min=42.4km
 az=2.0

NEIC 26:20:35:05.7,0.6,56°58S,0°2:27.0W,0.2,h10km,2km,
 mb4.4/9, Error ellipse: s-maj=30.9km s-min=16.0km
 az=207.0

ISC 26:20:35:05.5-0.9,56°54S,0°1:27.0W,0.1,h10km,n21,
 @1963/18,mb4.5/3,South Sandown Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
HOPPE	Hope Point	5.82	288	Pn	h m s	ISC
HOPPE	Hope Point	5.82	288	Pn	20 36 28.6	-3.1
VNA1	Neumayer-Stat	16.41	158	P	20 36 60.0	+1.7
VNA3	Neumayer Olymp	16.60	158	P	20 39 00.4	-0.1
VNA2	Neumayer-Watz	16.80	158	P	20 39 03.6	+0.9
SNAA	Sanae	18.36	156	P	20 39 20.1	+0.2
SNAA	Sanae	18.36	156	P	20 39 18.9	-1.0
EFI	East Falkland	18.74	272	I	20 39 27.7	+3.1
EFI	East Falkland	18.74	272	I	20 39 55.1	
PMSA	Palmer Station	19.73	230	I	20 39 37.9	+1.5
PMSA	Palmer Station	19.73	230	I	20 40 03.3	
BELA	Belgrano 2	21.71	184	P	20 39 54.9	-1.3
DSFA	Desforges	23.43	259	P	20 40 10.4	-0.1
MG04	Isle Risco	25.68	259	P	20 40 35.0	-0.3
H10N1	ASCENSION HYDRM9	45	16	T	21 37 52.4	
H10N3	ASCENSION HYDRM9	45	16	T	21 37 52.3	
H10N2	ASCENSION HYDRM9	47	16	T	21 37 53.4	
LPAZ	La Paz	50.68	305	P	20 44 07.7	+2.0
LPAZ	La Paz	50.68	305	P	20 44 06.0	+0.3
LPAZ	La Paz	50.68	305	P	20 44 08.0	
TOAO	Torodi Arr. Sit	73.33	29	P	20 46 37.8	+0.7
TOAO	Torodi Arr. Sit	73.33	29	P	20 46 42.5	
TORD	Torodi Arr. Bea	73.33	29	P	20 46 38.0	+0.8
TORD	Torodi Arr. Bea	73.33	29	P	20 46 38.6	
TORD	Torodi Arr. Bea	73.33	29	P	20 46 38.1	+1.0
TORD	Torodi Arr. Bea	73.33	29	P	20 46 38.6	
ILAR	Eileas Array	150.44	311	PKPbc	20 54 55.7	0.0
ILAR	Eileas Array	150.44	311	PKPbc	20 54 55.7	0.0
SOMN	Songino Array	150.65	87	PKPbc	20 54 54.5	-2.4
SOMN	Songino Array	150.65	87	PKPbc	20 54 54.5	-2.4

AEIC 26:20:39:49.1,7.52°74N,0°05:166°71W,0.07,h3km,5km,
 Error ellipse: s-maj=7.9km s-min=4.7km az=150.0

NEIC 26:20:39:50.8,1.7,52°80N,0°05:166°77W,0.07,h6km,7km,
 ML3.5/8,ML3.2/3(AEIC),Error ellipse: s-maj=8.7km
 s-min=4.4km az=143.0,Fox Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
OKFG	Magazine Ridge	0.92	312	Pg	h m s	ISC
OKFG	Magazine Ridge	0.92	312	Pg	20 40 08.5	0.0
OKFG	Magazine Ridge	0.92	312	Pg	20 40 08.0	-0.1
OKSG	Okinoshima Gods	1.01	304	Pg	20 40 09.8	-0.4
OKSG	Okinoshima Gods	1.01	304	Pg	20 40 26.7	+0.7
MAPS	Makushin South	1.01	354	P	20 40 10.5	-0.2
MAPS	Makushin South	1.01	354	P	20 40 26.9	+0.8
OKNC	Okmok New Cone	1.05	309	P	20 40 12.2	+0.1
UNV	Unalaska Valle	1.06	8	P	20 40 10.7	-0.4
MSW	Makushin Switc	1.12	359	P	20 40 12.3	0.0
MSW	Makushin Switc	1.12	359	P	20 40 28.8	+0.1
MTBL	Makushin Table	1.17	3	P	20 40 13.5	0.0
NIKH	Nikolski High	1.28	279	Pn	20 40 13.8	-1.3
NIKH	Nikolski High	1.28	279	Pn	20 40 32.8	+0.3
AKMO	Akutan Morgan	1.37	19	Pn	20 40 15.6	-0.8
AKBA	Akutan Broad B	1.39	21	Pn	20 40 15.9	-0.9
AKRB	Akutan Reef Bi	1.40	17	Pn	20 40 16.4	-0.4
AKRB	Akutan Reef Bi	1.40	17	Pn	20 40 36.8	+1.1
AKUT	Akutan	1.46	24	Pn	20 40 16.5	-1.2
AKGS	Akutan Green G	1.48	18	Pn	20 40 17.1	+0.8
AKSA	Akutan Strait	1.48	25	Pn	20 40 16.7	-1.3
CLOC	Concord Point	1.80	271	Pn	20 40 22.4	+0.1
CLES	Cleveland East	1.90	272	I	20 40 23.6	-0.1
CLES	Cleveland East	1.90	272	I	20 41 00.7	
CLES	Cleveland East	1.90	272	I	20 41 08.6	
WECS	Westdahl Cape	2.10	34	Pn	20 40 26.2	-0.3
WESH	West Dahl Nort	2.20	35	Pn	20 40 27.7	-0.1
SSLN	Shishaldin	2.50	38	Pn	20 40 33.8	0.0
ISLZ	Isanotski Laza	2.65	42	Pn	20 40 33.8	-0.2
ISNN	Isanotski Nort	2.70	40	Pn	20 40 34.7	0.0
FALS	False Pass	2.86	43	Pn	20 40 36.5	-0.3
S12K	Black Hills	4.01	42	Pn	20 40 52.6	-0.7
SDPT	Sand Point	4.50	53	Pn	20 40 58.7	-0.7
KORF	Korovin Flat P	4.51	266	Pn	20 41 01.4	+1.9
CNBA	Chernabura Isl	4.71	62	I	20 41 00.7	-1.6
CNBA	Chernabura Isl	4.71	62	I	20 42 59.0	
CNBA	Chernabura Isl	4.71	62	I	20 43 47.8	
SPIA	Saint Paul Isl	4.82	337	Pn	20 41 05.9	+2.1
GSTR	Great Sitkin T	5.73	267	Pn	20 41 17.4	+1.1
ADK	Adak	6.15	265	Pn	20 41 27.7	+0.6
KIWB	Kanaga Island	6.44	266	Pn	20 41 27.2	+1.2
AMKA	Amchitka	8.70	283	Pn	20 41 58.3	+1.3
OHAK	Old Harbor	8.92	55	Pn	20 41 58.4	+1.6
O18K	Koktuh Hills	9.54	38	Pn	20 42 10.6	+2.1
Q19K	Cape Douglas	9.59	45	Pn	20 42 08.0	-1.2
N19K	Bonanza Creek	10.46	35	Pn	20 42 20.0	-1.2

ICC 26:20:53:48.2,1.4,41°14S,149°28E,h0km,mb3.8/4,
 mbmp3.8/5,ML3.4/1,MS3.5/14,Error ellipse:
 s-maj=38.6km s-min=23.2km az=162.0

NEIC 26:20:53:49.7,1.7,41°15S,0°1:49.3E,0.1,h10km,2km,
 mb4.4/8, Error ellipse: s-maj=30.0km s-min=19.7km
 az=165.0

ISC 26:20:53:52.8,0.8,42°25'0.2":149°26'E,0.08,h35km,n27,
 @098/17,mb4.2/8,MS3.5/11,Bismarck Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KRVT	Keravat (AS076)	2.76	93	Op	h m s	ISC
KRVT	Keravat (AS076)	2.76	93	Op	20 54 33.9	-0.7
KRVT	Keravat (AS076)	2.76	93	Op	20 55 07.7	+1.0
RABL	Rabaul	2.89	90	Pn	20 54 34.8	-1.6
PMG	Port Moresby	5.60	202	LR	20 57 36.2	
HNR	Honiara	11.82	117	LR	21 01 25.4	
GUMO	Guam	18.18	346	LR	21 04 29.6	
WBO	Warramunga Arr	21.22	222	P	20 58 35.1	-0.7
WBO	Warramunga Arr	21.22	222	P	20 58 51.4	

26d 20h

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like KDOK, O18K, Q19K, N18K, P19K, ILSW, N19K, O20K, HOM, RSO, CNPM, M19K, L19K, TTA, CAPN, M20K, ANM, L20K, O22K, K20K, PPLA, TNA, PWL, GCSA, CAST, GHO, J20K, GLI, M23K, FID, SCM, EYAK, WAT1, BPAW, WAT6, KLU, M24K, BWN, DHY, I21K, BMRM, H21K, MLY, IMAR, N25K, BGCL, NEA2, CRQE, PAX, I23K, H23K, ILAR, RIDG, M26K, F21K, BARN, L26K, CTG, J25K, H24K, G23K, SCRK, PCA, PINM, M27K, F22K, O28K, COLD, L27K.

2016 JUL

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like J26L, YUK3, BVCY, G24K, K27K, O29M, I26K, G25K, F24K, YUK4, YUK6, E24K, HYT, HYT, TOLK, P30M, D23K, F25K, DAWY, PLBC, G26K, N30M, E25K, O30N, F26K, M30M, SKAG, C23K, G27K, N31M, C24K, WHY, I29M, D25K, P32M, M31M, CRAQ, C26K, P33M, C27K, FARO, BILL, BILL, R33M, T35M, DLBC, DLBC, PETK, INK, INK, SEY, SEY, MA2, MA2, C36M, A36M, YKA, H04D, J01E, J01A, NEW, YBH, J05D, TIXI, YAK, YERR, HLID, EGMT, RYN, BOZ, LHV, LHV.

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Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like NVAR, NVAR, NVAR, NVAR, ELK, ELK, ELK, YNR, CWC, PKM, RLMT, RLMT, RLMT, R11A, ISA, KLR, MPMC, FURC, TPNV, TPNV, TPNV, TPNV, DUG, DUG, DUG, GUY, PRN, PRN, PSUT, PSUT, BW06, BW06, PD31, PD31, PDAR, PDAR, PDAR, H11N2, H11N3, H11N1, GSC, GSC, GSC, GSC, HEC, TMUT, TMUT, GMRC, H11S1, H11S2, H11S3, SRU, SRU, SRU, PFO, PFO, BELC, USRK, IRM, MONP, U15A, U15A, O20A, O20A, IKP, MJAR, MDND, GLA, PV13, N23A, WUAZ, ULM, ISCO, W18A, S22A, S22A, S22A, AGMN, Q24A, 214A, SDCO, TUCO, T25A, T25A.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ANMO Albuquerque, SBM South Baldy, and various other amateur radio call signs.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like WTTA Wattenberg, ARSA Arzberg, and various other amateur radio call signs.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like WRO Warramunga Arr, DNP Denpasar, and various other amateur radio call signs.

Table with columns: WRA, S, Sn, Time, Res. Includes rows for QIS, ASAR, MKAR.

NNC 26 21:51:30.4z, 2.6, 37.40N; 74.69E, h0km, mb4.9, mpv4.9, Error ellipse: s-maj=21.4km s-min=13.6km az=156.0

MOS 26 21:51:44.3z, 1.2, 38.25N; 75.61E, h127km, mb4.58, Error ellipse: s-maj=7.9km s-min=4.9km az=106.0

BUJ 26 21:51:46.2z, 0.3, 38.32N; 75.75E, h129km, mb4.2/20, m24.2/11

IDC 26 21:51:46.8z, 0.8, 38.23N; 75.66E, h134km, gkm, mb3.9/30, mbmp4.3/34, MS3.5/2, Error ellipse: s-maj=11.4km s-min=9.8km az=176.0

NEIC 26 21:51:46.5z, 2.0, 38.33N; 0.06; 75.55E; 0.08, h124km, 7km, mb4.4/66, Error ellipse: s-maj=10.3km s-min=8.6km az=131.0

SOME 26 21:51:47.1, 38.93N; 74.18E, h0km, MS2.8 ISC 26 21:51:46.0z, 0.3, 38.23N; 0.04; 75.60E; 0.04, h135km, n261, r=185/274, mb4.4, 10C-10D, Southern Xinjiang

Main station list table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Kashi, Naryn, Karamyk, Batken, etc.

Main station list table with columns: OTUK, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Ortay, WMQ, HRA, etc.

Main station list table with columns: BR131, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Keskin Array B, Keskin Array A, Malin Array B, etc.

Table with columns for station name, coordinates, and other data. Rows include KONO, DOMB, SPB2, SPA0, SPITS, NRCA, SOTA, MURR, DAVA, SENIN, BNI, SSB, KMBO, DAV, MBAR, ESBB, ESDC, ESBC, SUMG, FITZ, WRA, ASAR, MKAR, JMA, H21K, BMAR, I21K, J20K, MLY, H24K, K20K, INK, MDM, C36M, CAST, ILAR, BCAR, KDKAK, HYT, DBIC, LBTB, KIC, TIC, LIC, YKA, BOSA, ASAR, and USRK.

Table with columns for station name, coordinates, and other data. Rows include CMAR, KRSR, MKAR, and USRK.

Table with columns for station name, coordinates, and other data. Rows include ZALV, KURBB, WRA, BRTR, AKASG, and ASAR.

Table with columns for station name, coordinates, and other data. Rows include IDC 26:22:35:20.3, LPZA, NVAR, PDAR, H11S2, H11S1, H11S3, and CMAR.

Table with columns for station name, coordinates, and other data. Rows include IDC 26:22:50:09.6, FITZ, WRA, ASAR, MKAR, JMA, and IRIF.

Table with columns for station name, coordinates, and other data. Rows include YJOY, JYNG, HATJ, JKRS, JJJ, JNU, KRSR, SONM, MKAR, ZALV, WRA, and ASAR.

Table with columns for station name, coordinates, and other data. Rows include NOA, IDC 26:22:54:36.6, KRSR, MKAR, WRA, ASAR, and JMA.

Table with columns for station name, coordinates, and other data. Rows include JYNG, YOY, YJOY, TWB1, EGS, SX11, TWC, TIPB, NWF, IRIF, NDS, EWUT, and ZALV.

Table with columns for station name, coordinates, and other data. Rows include PCYT, TWE, ENA, FUSB, TWA, ENTT, YMO1, NWLT, NDT, LATG, HATJ, JKRS, NACB, YHNB, NSK, ETLH, NNS, NFF, WHF, TWT, TDC, ESC, LIOB, NSTT, CHGB, OWAI, WUSB, HGGD, VWDT, WCH, EHS, YULB, YALS, YALC, KRSR, MKAR, WRA, and ASAR.

Table with columns for station name, coordinates, and other data. Rows include IDC 26:22:56:50.3, WRA, ASAR, and SONM.

Table with columns for station name, coordinates, and other data. Rows include UCR, IDC 26:22:58:56.1, UPA, NEIC, and INET.

Table with columns for station name, coordinates, and other data. Rows include CODE, PTPM, GMAL, GMAL, GMAL, GMAL, COLC, CACAO, CACAO, CDITO, CDITO, CDITO, BCOZ, BRU2, BRU2, BRU2, BRU2, PTJ1, EDSV, CHGR2, AZU, AZU, AZU, AZU, EDPN, CNB2, CNB2, DRKO, DRKO, DRKO, DRKO, DRKO.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PNME Penonome, RGMO Gandoca, and many others.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like 121A Cookes Peak D, ANMO Albuquerque, and many others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VA01 Torpederas, RO01 EI Roble, and many others.

Additional station information and coordinates, including: IDC 26 23:00:18.9, 0.5, 32.58S; 71.63W, h0km, mb4.6/21, mbmp4.6/26, ML4.6/5, MS4.1/28, Error ellipse: s-maj=18.9km s-min=12.4km az=81.0.

Table with columns: AC04, ACHE, VCA, APLL, MRA, G003, G003, V040, H03N1, H03N3, H03N2, H03S1, H03S3, H03S2, AC02, LR03, LR04, G002, PLCA, PLCA, PLCA, LL04, LVC, LVC, LVC, PB04, PB01, CPUP, CPUP, CPUP, PB16, PLTB, LPAZ, LPAZ, LPAZ, SIV, SIV, TRCB, TRCB, PTLB, NNA, MG03, DSPA, EFI, EFI, VILB, VILB, USHA, USHA, ETMB, ETMB, CZSB, CZSB, SAML, SAML, SAML, ATAH, ATAH, BDFB, BDFB, BDFB, BDFB, MACA, MACA, PMSA, RPN, SMAI, SMAI, BOAV, BOAV, ROSO, ROSO, SDV, SDV, SDV, MDP, MDP, BIRV, TOSP, BELA, MLPR, WNA3, SJG, WNA1, WNA2, SDDR, SDDR, SC01, SNA3, SNA3, SNA3, SNA3, SNA3, CMIG, CMIG

Table with columns: TROLL, GSPA, GSPA, 656A, TIGA, BBSR, BBSR, VNSA, VNSA, 154A, 833A, 152A, HAW, HKT, HKT, HKT, GOGA, GOGA, VBMS, Y52A, HODGE, HODGE, BIRD, Y49A, NATX, 435B, CNNC, W57A, KMSC, KMSC, FMSC, KINGS, BG3, JCT, V58A, Z41A, TXAR, TXAR, TX31, TX32, WHTX, V53A, OXF, TKL, TKL, TKL, PLAL, V51A, TZTN, MIAR, MIAR, BLA, U49A, ABTX, ABTX, WVT, WVT, WVT, WVT, WHAR, WHAR, S57A, X37A, X37A, UTMT, PPT2, PPT2, S51A, FCAR, RBMA, P550, R50A, CGM3, HHAR, Q56A, R49A, WMOK, WMOK, WMOK, WMOK, TUL1, TUL1, S44A, S44A, P57A, MGMO, OK030, OK031, OK029

Table with columns: WUPA, P53A, MCWV, MCWV, MSTX, MVL, P52A, OLIL, CCM, CCM, CCM, BLO, S39A, P49A, P49A, AMTX, LUPA, T35A, Q44A, Q52A, O53A, O53A, ELIS, SSSA, SSSA, SSSA, 121A, 121A, ACSO, OK038, N58A, P46A, ODNJ, N53A, O48B, M57A, P43A, N51A, M55A, SFIN, O44A, M53A, M53A, LIC, M52A, TUC, TUC, TUC, TUC, KIC, L59A, QUA2, MAW, MAW, BINY, DBIC, L56A, HDIL, P38A, ANMO, ANMO, ANMO, ANMO, L61B, L61B, ERPA, HRV, K62A, WVVY, TRY, 214A, L48A, MNMY, SUR, ACCN, ACCN, CBKS, J59A, J57A, T25A, L42A, L42A, W18A

26d 23h

Table of astronomical observations with columns for ID (e.g., N35A, J47A), Name (e.g., Tabor, Summer), Magnitude (e.g., 76.32, 342), Position (P, I, A, M, B), Date (23 12 09.5), and other parameters.

2016 JUL

Table of astronomical observations with columns for ID (e.g., DUG, RSSD, HWUT), Name (e.g., Dugway, Toolee), Magnitude (e.g., 81.75, 329), Position (P, I, A, M, B), Date (23 12 40.7), and other parameters.

1470

Table of astronomical observations with columns for ID (e.g., PRGR, ARU, ARU), Name (e.g., Permogore, Arti), Magnitude (e.g., 131.02, 34), Position (ePKIKP, PKP), Date (23 19 30.1), and other parameters.

Table with columns: Code, Station Name, Δα, ΔZ, Phase ID, Time Res, and other technical data. Includes text: 'UPP 26 23:31:51.0... 67:82N:20:21E, h2km, ML2.0, Explosion HEL 26 23:31:51.0... 67:82N:20:29E, h0km, ML1.9, ML2.0(UPP) Explosion...'

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes callsigns like CAN, CTAO, PMG, TOO, KIP, COEN, STKA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes callsigns like FURC, BLYC, TUQ, LHV, YERR, SHOC, PETK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes callsigns like PV13, PV23, L20K, PV11, ANMO, ANMO, ANMO, etc.

Table with columns: ID, Name, Az, El, Dist, Type, Status, Date, Time, etc. Includes entries like L26K Log Cabin Wild, BVCY Beaver Creek, 833A Chaparral WMA, etc.

Table with columns: ID, Name, Az, El, Dist, Type, Status, Date, Time, etc. Includes entries like BILL comp=Z,12nm,1.3s, ELIS Ellis County, G26K Porcupine River, etc.

Table with columns: ID, Name, Az, El, Dist, Type, Status, Date, Time, Res, etc. Includes entries like CLL Collm, OSTS Oostas, BRG Berggiesshuof, etc.

ADC 27:00:04:38.0:1.9:7:00S:129:01E, h0km, mb4.0/1, mbmp4.0/4, ML4.0/3, Error ellipse: s-maj=83.9km s-min=26.5km az=75.0
ISC 27:00:04:58.5:3.6:8:25:0:2:128:8E:0:1, h100km, n11, 0.7m, 151/12, Timor Sea

27d Oh

2016 JUL

1474

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

IDC 27 00:29:30.3, 0.5, 3.28S, 131.10E, h0km, mb4.7/17, mbmp4.718, ML4.0/1, MS4.215, Error ellipse: s-maj=25.7km s-min=13.0km az=80.0

NEIC 27 00:29:31.4, 1.8, 3.40S, 0.07, 130.92E, 0.06, h6km, 3km, mb4.9/72, Error ellipse: s-maj=9.6km s-min=8.4km az=164.0

GCMT 27 00:29:34.0, 0.2, 3.26S, 0.02, 131.04E, 0.02, h18km, MW5.0/99, Moment Tensor Solution. s62,c74; s99,c132; Duration: 0 Moment tensor: Scale 10^16Nm; Mr,3.02±.14; Mw,1.08±.08; Mww,1.94±.09; Mw,1.55±.20; Mw,1.31±.06; Mw,2.30±.22; Best double couple: Mw,4.05200/0.1016

NP1=143.00000°, 623.00000°, 188.00000°. NP2: 65.325.00000°, 367.00000°, 191.00000°. Principal axes: T 4.119, P16.00000°, Azm237.00000°, N -0.1330, P161.00000°, Azm145.00000°, P -3.9860, P1622.00000°, Azm55.00000°. nst1a refers to body waves, cutoff=40s. nst1b refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 27 00:29:35.9, 0.3, 3.3S, 2.13E, h39km, 3km, M4.8/54, mb5.0/54, mb5.4/25, MLV4.7/14, Mw(mb)4.8/25, MwMwp5.2/3, Mwp5.4/3

ISC 27 00:29:34.3, 0.3, 3.43S, 0.04, 130.88E, 0.04, h30km, n279, s152/275, mb4.9/61, MS4.1/22, 2C-1D, Seram

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

IDC 27 00:29:30.3, 0.5, 3.28S, 131.10E, h0km, mb4.7/17, mbmp4.718, ML4.0/1, MS4.215, Error ellipse: s-maj=25.7km s-min=13.0km az=80.0

NEIC 27 00:29:31.4, 1.8, 3.40S, 0.07, 130.92E, 0.06, h6km, 3km, mb4.9/72, Error ellipse: s-maj=9.6km s-min=8.4km az=164.0

GCMT 27 00:29:34.0, 0.2, 3.26S, 0.02, 131.04E, 0.02, h18km, MW5.0/99, Moment Tensor Solution. s62,c74; s99,c132; Duration: 0 Moment tensor: Scale 10^16Nm; Mr,3.02±.14; Mw,1.08±.08; Mww,1.94±.09; Mw,1.55±.20; Mw,1.31±.06; Mw,2.30±.22; Best double couple: Mw,4.05200/0.1016

NP1=143.00000°, 623.00000°, 188.00000°. NP2: 65.325.00000°, 367.00000°, 191.00000°. Principal axes: T 4.119, P16.00000°, Azm237.00000°, N -0.1330, P161.00000°, Azm145.00000°, P -3.9860, P1622.00000°, Azm55.00000°. nst1a refers to body waves, cutoff=40s. nst1b refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 27 00:29:35.9, 0.3, 3.3S, 2.13E, h39km, 3km, M4.8/54, mb5.0/54, mb5.4/25, MLV4.7/14, Mw(mb)4.8/25, MwMwp5.2/3, Mwp5.4/3

ISC 27 00:29:34.3, 0.3, 3.43S, 0.04, 130.88E, 0.04, h30km, n279, s152/275, mb4.9/61, MS4.1/22, 2C-1D, Seram

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

IDC 27 00:29:30.3, 0.5, 3.28S, 131.10E, h0km, mb4.7/17, mbmp4.718, ML4.0/1, MS4.215, Error ellipse: s-maj=25.7km s-min=13.0km az=80.0

NEIC 27 00:29:31.4, 1.8, 3.40S, 0.07, 130.92E, 0.06, h6km, 3km, mb4.9/72, Error ellipse: s-maj=9.6km s-min=8.4km az=164.0

GCMT 27 00:29:34.0, 0.2, 3.26S, 0.02, 131.04E, 0.02, h18km, MW5.0/99, Moment Tensor Solution. s62,c74; s99,c132; Duration: 0 Moment tensor: Scale 10^16Nm; Mr,3.02±.14; Mw,1.08±.08; Mww,1.94±.09; Mw,1.55±.20; Mw,1.31±.06; Mw,2.30±.22; Best double couple: Mw,4.05200/0.1016

NP1=143.00000°, 623.00000°, 188.00000°. NP2: 65.325.00000°, 367.00000°, 191.00000°. Principal axes: T 4.119, P16.00000°, Azm237.00000°, N -0.1330, P161.00000°, Azm145.00000°, P -3.9860, P1622.00000°, Azm55.00000°. nst1a refers to body waves, cutoff=40s. nst1b refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 27 00:29:35.9, 0.3, 3.3S, 2.13E, h39km, 3km, M4.8/54, mb5.0/54, mb5.4/25, MLV4.7/14, Mw(mb)4.8/25, MwMwp5.2/3, Mwp5.4/3

ISC 27 00:29:34.3, 0.3, 3.43S, 0.04, 130.88E, 0.04, h30km, n279, s152/275, mb4.9/61, MS4.1/22, 2C-1D, Seram

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

IDC 27 00:29:30.3, 0.5, 3.28S, 131.10E, h0km, mb4.7/17, mbmp4.718, ML4.0/1, MS4.215, Error ellipse: s-maj=25.7km s-min=13.0km az=80.0

NEIC 27 00:29:31.4, 1.8, 3.40S, 0.07, 130.92E, 0.06, h6km, 3km, mb4.9/72, Error ellipse: s-maj=9.6km s-min=8.4km az=164.0

GCMT 27 00:29:34.0, 0.2, 3.26S, 0.02, 131.04E, 0.02, h18km, MW5.0/99, Moment Tensor Solution. s62,c74; s99,c132; Duration: 0 Moment tensor: Scale 10^16Nm; Mr,3.02±.14; Mw,1.08±.08; Mww,1.94±.09; Mw,1.55±.20; Mw,1.31±.06; Mw,2.30±.22; Best double couple: Mw,4.05200/0.1016

NP1=143.00000°, 623.00000°, 188.00000°. NP2: 65.325.00000°, 367.00000°, 191.00000°. Principal axes: T 4.119, P16.00000°, Azm237.00000°, N -0.1330, P161.00000°, Azm145.00000°, P -3.9860, P1622.00000°, Azm55.00000°. nst1a refers to body waves, cutoff=40s. nst1b refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 27 00:29:35.9, 0.3, 3.3S, 2.13E, h39km, 3km, M4.8/54, mb5.0/54, mb5.4/25, MLV4.7/14, Mw(mb)4.8/25, MwMwp5.2/3, Mwp5.4/3

ISC 27 00:29:34.3, 0.3, 3.43S, 0.04, 130.88E, 0.04, h30km, n279, s152/275, mb4.9/61, MS4.1/22, 2C-1D, Seram

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

IDC 27 00:29:30.3, 0.5, 3.28S, 131.10E, h0km, mb4.7/17, mbmp4.718, ML4.0/1, MS4.215, Error ellipse: s-maj=25.7km s-min=13.0km az=80.0

NEIC 27 00:29:31.4, 1.8, 3.40S, 0.07, 130.92E, 0.06, h6km, 3km, mb4.9/72, Error ellipse: s-maj=9.6km s-min=8.4km az=164.0

GCMT 27 00:29:34.0, 0.2, 3.26S, 0.02, 131.04E, 0.02, h18km, MW5.0/99, Moment Tensor Solution. s62,c74; s99,c132; Duration: 0 Moment tensor: Scale 10^16Nm; Mr,3.02±.14; Mw,1.08±.08; Mww,1.94±.09; Mw,1.55±.20; Mw,1.31±.06; Mw,2.30±.22; Best double couple: Mw,4.05200/0.1016

NP1=143.00000°, 623.00000°, 188.00000°. NP2: 65.325.00000°, 367.00000°, 191.00000°. Principal axes: T 4.119, P16.00000°, Azm237.00000°, N -0.1330, P161.00000°, Azm145.00000°, P -3.9860, P1622.00000°, Azm55.00000°. nst1a refers to body waves, cutoff=40s. nst1b refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 27 00:29:35.9, 0.3, 3.3S, 2.13E, h39km, 3km, M4.8/54, mb5.0/54, mb5.4/25, MLV4.7/14, Mw(mb)4.8/25, MwMwp5.2/3, Mwp5.4/3

ISC 27 00:29:34.3, 0.3, 3.43S, 0.04, 130.88E, 0.04, h30km, n279, s152/275, mb4.9/61, MS4.1/22, 2C-1D, Seram

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, COEN, IAmB, IAmB, 00 33 25.1, comp=Z, 2.4nm, 0.6s, baz=174, slow=9.4, SNR=12, LR, LR, 00 53 28.8

27d Oh

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like Q19K Cape Douglas, N18K Kilae Creek, Q20K Shuyak Island, etc.

2016 JUL

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like BCMP Bancas Point, COLD Coldfoot, PNL Peninsula, etc.

1476

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like A36M Sachs Harbour, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table containing satellite station data for the left column, including station names like AGMN, CN2, ECSD, and various coordinates and parameters.

Table containing satellite station data for the middle column, including station names like SSSA, LVZ, H62A, and various coordinates and parameters.

Table containing satellite station data for the right column, including station names like ISAL, IDID, IGUN, and various coordinates and parameters.

27d 1h

Table of astronomical observations for 27 days, 1 hour. Columns include station name, time, phase ID, and various parameters like S/N and error ellipse.

2016 JUL

Table of astronomical observations for 2016 July. Columns include station name, time, phase ID, and various parameters like S/N and error ellipse.

1478

Table of astronomical observations for 1478. Columns include station name, time, phase ID, and various parameters like S/N and error ellipse.

Table with columns: Call sign, Name, Frequency, Mode, Band, Power, and other parameters. Includes stations like North Tongarir, NGZ Ngauruhoe, BFZ Birch Farm, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, Power, and other parameters. Includes stations like Juan Fernandez, VAO4 Huala, MG03 Isla Dawson, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, Power, and other parameters. Includes stations like BBAC Balboa, CAUCA, PRAC Prado, etc.

Station information for IDC 27 01:25:08.3, 0.6, 44:80S, 79:34W, h0km, mb4, 1/17, mtbpm4, 1/17, MLS, 5.1, MSS, 1/32, Error ellipse: s-maj=23.5km s-min=14.8km az=104.0

Station information for VAO4 Juan Fernandez, VAO1 Curacao, VAO11 Pedreras, etc.

Station information for BBAC Balboa, CAUCA, PRAC Prado, etc.

Station information for NEIC 27 01:25:12.8, 44:42S, 79:05W, h13km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm; Mw=1.93; Ms=2.73; Mn=1.21; Mb=5.26; Mr=1.86; Fault plane solution: M6.20000x10^17 Np1=349.82000, delta 80.70000, lambda 20.62000

Station information for VAO4 Juan Fernandez, VAO1 Curacao, VAO11 Pedreras, etc.

Station information for BBAC Balboa, CAUCA, PRAC Prado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Milladeo Hill, Milladeo Hill, Hotel Espejo d, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, Power, and other parameters. Includes stations like VAO4 Juan Fernandez, VAO1 Curacao, VAO11 Pedreras, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, Power, and other parameters. Includes stations like BBAC Balboa, CAUCA, PRAC Prado, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like TUL1, PBMO, TSUM, TSMU, SNKL, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like MESJ, SFS, WMLM, EMAL, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like KAPI, ISP, CSS, BUR08, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOLJ Tolitoli, MORW Morawa, USRK Ussuriysk Ar., etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNBA Chernabura Isl, CHNA Chernabura Isl, OKSO Okmok South, etc.

27d 1h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like F21K Alatina River, H24K Noodor Dome, YU3K Moose Creek, etc.

2016 JUL

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAJO Matushiro, NR1K Not, NR1K Nori'sk, etc.

0.3nm,0.5s,baz=79,slow=3.3,SNR=5.2

1482

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YAYL Yavladag, KRTS Karatas, HWQ Hawqa, etc.

IDC 27 01:43:51.7, 3.7, 6.59S, 148.04E, h0km, mb3.5/1, mbtm3.5/2, ML3.5, Error ellipse: s-maj=104.2km s-min=48.3km az=117.0, New Britain region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 27 01:45:56.4, 1.3, 13.08N, 143.93E, h150km, 11km, mb3.3/6, mbtm3.7/6, Error ellipse: s-maj=43.2km s-min=18.7km az=113.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUMO Gumo, WRA Warramunga Arr, ASAR Alice Springs, etc.

KRNET 27 01:51:57.8, 0.1, 39.73N, 75.44E, mb3.6 SOME 27 01:51:57.3, 39.82N, 75.35E, h10km NINC 27 01:52:00.8, 1.2, 39.90N, 75.32E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=9.3km s-min=5.5km az=167.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OHH Osh, ARLS Aral, ARLS Aral, etc.

IDC 27 01:39:34.0, 2.9, 6.55S, 148.15E, h0km, mb4.1/3, s-maj=65.2km s-min=44.1km az=106.0, New Britain region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various other identifiers for stations like Tokmak, KasteK, MRKS, MTBS, DGS, USP, MDOK, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various other identifiers for stations like Labuha, SANI, FITZ, WRA, ASAR, HNR, PETK, MKAR, GSPA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various other identifiers for stations like Byron's Ledge, HATHI, HATHI, HATHI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Includes stations like EBAD Badajoz, PESTR Estremoz, PMAFR Maifra, etc.

IDC 27 02:55:40.7z 1.4, 2.2, 23Sx179.73W, h595km, 15km, mb3.2/9, mbtmp4.1/11, Error ellipse: s-maj=22.9km s-min=13.0km az=152.0

NEIC 27 02:55:40.5z 1.3, 2.2, 4S:0.1x179.63W:0.04, h585km, 11km, mb4.2/32, Error ellipse: s-maj=20.8km s-min=5.2km az=161.0

ISC 27 02:55:38.8z 0.5, 2.2, 46S:0.08x179.56W:0.09, h579km, n67, r149/71, mb4.1/25, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Includes stations like MSVF Nonsavu, MARNC Mare, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Includes stations like WRO Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

IDC 27 03:00:10.6z 7.6, 7.50S:129.55E, h217km, 84km, mb3.3/1, mbtmp3.5/3, Error ellipse: s-maj=126.5km s-min=33.7km az=71.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makarora, etc.

VIE 27 03:09:20.1z 2.6, 6.0z, 64N:12.43E, h10km, mb2.7/7, ms3.0/4, Error ellipse: s-maj=26.3km s-min=21.6km az=159.0 141 km S of Rome

ROM 27 03:10:04.3z 0.1, 4.4z, 056N:0.004z, 11.513E:0.004, 17km, ML2.1/16, Error ellipse: s-maj=0.3km s-min=0.3km az=13.0

GEN 27 03:10:04.2, 44.04N:11.51E, h12km, M11.9, 7.4km, 0.8s, baz=98, slow=22, SNR=9.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Includes stations like BRIS BRISIGHELLA, SEI Scarperia, LMD Lutrano, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Includes stations like MPPT Montemurlo, ASQU Asqua, MTRZ Monterenzio, etc.

IDC 27 03:40:33.6z 1.1, 1.7z, 53N:148.93E, h0km, mb3.6/8, mbtmp3.7/10, ML4.2/2, MS3.4/1, Error ellipse: s-maj=34.3km s-min=20.2km az=94.0

ISC 27 03:40:35.7z 1.2, 17.53N:0.08x148.7E:0.2, h10km, m19, z242/13, mb3.6/10, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Includes stations like GUMO Guam, WATA Walderalm, DAVA Danville, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAKE ISLAND, MATSUHITO ARR, JUNU, KRSRS, WRA, MA2, ASAR, SONM, MKAR, ILAR, KURBB, NVAR.

KRNET 27 03:42:16.7-0.1, 39.48N, 75.29E, mb3.2
SOME 27 03:42:16.7, 39.77N, 75.48E, h5km
NNC 27 03:42:18.0-0.8, 39.82N, 75.46E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=5.8km s-min=4.2km az=161.0
ISC 27 03:42:20.4-1.5, 39.88N, 0.07-75.40E, 0.04, h19km, n30,
r187/49, 9C-8D, Southern Xinjiang

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including OHH, ARLS, ULHL, KBK, TKM2, KST, MRKS, MTBS, DGS, MDOK, BTB, TRKS, KRBS, KUU, CHKK, SHLS, IUG, NVAR, etc.

JMA 27 04:02:33.0-0.1, 24.0N, 0.5-121.6E, 0.6, h25km, MD4.5/12,
MV4.2/12, TAIWAN REGION
NIED 27 04:02:33.0, 23.97N, 121.58E, h25km, MW4.6, Moment
Tensor Solution. s3 Moment tensor: Scale 10^15Nm;
Mn=2.18; Mw=1.26; Mxx=0.92; Mxy=5.53; Myx=4.74; Myz=2.53;
Fault plane solution: Mo7.630000x10^15 NP1:
phi=184.00000, lambda=330.00000, lambda-157.00000. NP2:
phi=73.00000, lambda=879.00000, lambda-62.00000.
NEIC 27 04:02:35.6, 24.23N, 121.80E, h6km, Moment Tensor
Solution. Moment tensor: Scale 10^15Nm; Mrr=0.72;
Mxx=0.72; Mxy=0.05; Mxz=0.11; Myx=3.44; Myz=0.44; Fault
plane solution: Mo3.540000x10^15 NP1: phi=176.51000,
lambda=172.06000. NP2: phi=266.91000, lambda=82.07000,
lambda=82.07000. Principal axes: T 3.1733, Plg8.0000,
Azml131.0000; N 0.6452, Plg82.0000; Azm337.0000; P
-3.8185, Plg4.0000; Azm222.0000.
NEIC 27 04:02:35.6, 1.4, 24.23N, 0.01-121.79E, 0.02, h4km, 5km,
mb4.5/17, Mw4.3/17, ML4.6(TAP) Error ellipse:
s-maj=3.6km s-min=1.2km az=117.0
TAP 27 04:02:35.8, 24.27N, 121.76E, h6km, ML4.8, C
BUI 27 04:02:37.2, 24.0, 24.31N, 121.75E, h8km, mb4.3/28,
mb4.4/17, ML4.5/8, MS4.9/30, Ms7.4, I/29
IDC 27 04:02:40.2, 3.2, 24.23N, 1.1, 181h42km, 31km, mb3.8/17,
mbmlp4.0/20, ML3.6/3, MS3.7/14, Error ellipse:
s-maj=21.1km s-min=14.1km az=66.0
ISC 27 04:02:35.9-0.8, 24.24N, 0.01-121.78E, 0.02, h7km, 5km,
n268, r1908/345, mb4.3/28, MS3.6/12, 44C-38D, Taiwan

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including EHP, ETL, NACB, ENA, EWUT, TWD, ETLH, HWA, LATG, TWC, ETM, NDS, NNSB, NNSH, TEYL, NNS, NDT, NDT, NDT, ENT, WHF, TWE, ILA, ESL, FUSB, TWT, YHNB, YHNB, YHNB, TDCB, TDCB, TEGC, NSK, CHGB, CHGB, NWLT, NWLT, NTC, NTC, EGS, OWD, OWD, WUSB, WUSB, WUSB, EGFH, NFF.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including TIBP, TIBP, NHDH, NHDH, TWA, TWA, VVWD, VVWD, WHP, WHP, TATO, TATO, TATO, WPL, WPL, TWB1, TWB1, NJD, NJD, LIOB, LIOB, DPDB, DPDB, NSTT, NSTT, WCS, WCS, BACT, BACT, HGSD, HGSD, NHY, NHY, NWF, NWF, WFSB, WFSB, TAP1, TAP1, TAP, TAP, EHY, EHY, SXI1, SXI1, NTY, NTY, HSN1, HSN1, SMLT, SMLT, SSSL, SSSL, SSSL, SSSL, NCUH, NCUH, NCU, NCU, TYC, TYC, SBCB, SBCB, TNOU, TNOU, TWS1, TWS1, YMO1, YMO1, YMO1, YMO1, TQW1, TQW1, TQW1, TQW1, HSN, HSN, NSY, NSY, NNLH, NNLH, YULB, YULB, YULB, YULB, YMO8, YMO8, YMO8, YMO8, NWRT, NWRT, NWRT, NWRT, NTST, NTST, ANP, ANP, ANP, ANP, EYUL, EYUL, TWF1, TWF1, WWF, WWF, WWF, WWF, TCU, TCU.

Table with columns: MLY, IAmB, IAmB, 04 13 32.8, etc. Includes stations like Kodak Island, Yukon River, NEA2, etc.

IDC 27 04:04:53.9, 13.0, 17.87S, 178.15W, h553km, 166km, mb2.8/5, mtbmp3.7/5, Error ellipse: s-maj=132.5km

ISC 27 04:04:56.7, 2.1, 18.0S, 0.8x176.2W, 4, h590km, n6, s-min=42.0km az=162.0

Table with columns: Code, Station Name, Az, Op, Phase, ID, h, m, s, ISC, Time, Res. Includes WRA, ASAR, NVAR, TXAR, ILAR, GERES.

IDC 27 04:19:51.8, 1.6, 39.38N, 73.04E, h0km, mb3.7/9, mtbmp3.6/15, MLC3.3/6, MS2.9/2, Error ellipse:

KRNET 27 04:19:52.4, 0.1, 39.45N, 73.25E, mb4.1, SOME 27 04:19:52.9, 39.53N, 73.43E, h10km

MOS 27 04:19:53.5, 1.1, 39.39N, 73.27E, h15km, mb4.2/4, Error ellipse: s-maj=7.8km s-min=4.4km az=78.4

MOS Felt (III-IV) at Bordobo. NEIC 27 04:19:57.6, 1.0, 39.42N, 0.06, 73.29E, 0.07, h28km, gkm, mb4.0/3, Error ellipse: s-maj=8.8km s-min=7.7km

NNC 27 04:19:57.8, 1.1, 39.72N, 73.48E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=9.4km s-min=5.1km az=176.0

ISC 27 04:19:52.9, 1.3, 39.38N, 0.04, 73.25E, 0.02, h1km, gkm, n143, s=07/203, mb3.7/11, 30C-17D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Op, Phase, ID, h, m, s, ISC, Time, Res. Includes stations like Karamyk, Osh, Batken, Garm, etc.

Table with columns: UHLH, Ulahol, baz=38, 3.66, 37, 11P, Pn, 04 20 52.5 +1.7, etc. Includes stations like UHLH, UHLH, UHLH, etc.

Table with columns: KUU, Kurty, 5.07, 26, eP, Pb, 04 21 23.8, etc. Includes stations like KUU, Kurty, KUU, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (m), Res (ISC), and various numerical values. Includes stations like BELG Belogomye, SONM Songino Array, etc.

BJJ 27 04:20:27.7,0.0,21.60N:94.47E,h110km,mb4.8/57,mb4.7/35
IDC 27 04:20:27.8,0.5,21.56N:94.64E,h98km,3km,mb4.6/54/0,mbmp4.9/42,MS3.6/46,Error ellipse: s-maj=10.6km s-min=8.2km az=45.0
NEIC 27 04:20:28.2,0.0,21.51N:0.06:94.57E:0.06,h97km,4km,mb4.9/160,Error ellipse: s-maj=9.0km s-min=6.5km az=216.0
MOS 27 04:20:28.0,9.2,21.59N:94.66E,h120km,mb4.9/31,Error ellipse: s-maj=9.8km s-min=4.8km az=116.6
GCMT 27 04:20:29.2,0.3,21.36N:0.02:94.69E:0.02,h103km,3km,MW5.0/109,Moment Tensor Solution: s35,c39,s109,c169;Duration:0 Moment tensor:Scale 1016Nm;Mw:2.26;M0:3.26e+11;Mw:1.00e+11;Mw:0.57e+09;Mw:1.09e+12;Mw:1.32e+07;Best double couple:Ms3.40200x10^16 Np1:334.00000;delta.00000;lambda.00000;NP2:254.00000;delta.00000;lambda.00000;Principal axes: T 3.2700,Plg55.0000,Azm106.0000;N 0.2640,Plg35.0000,Azm281.0000;P -3.5340,Plg3.0000,Azm13.0000; nst1 refers to body waves,cutoff=40s. nst2 refers to surface waves,cutoff=50s.
Triangular moment-rate function
NDI 27 04:20:32.6,4.2,21.68N:94.23E,h121km,20km,mb5.1,ML4.4,mb4.9/NEIC)
ISC 27 04:20:27.0,3.2,21.52N:0.03:94.48E:0.03,h102km,2km,h102km;pP-n,732,c1947/824,mb4.9/193,37C-25D, Myanmar

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (m), Res (ISC), and various numerical values. Includes stations like MND Mandalay, AAZ Aizawl, IMP Imphal, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (m), Res (ISC), and various numerical values. Includes stations like RAGD RAYAGADA, GYA Guiyang, ALBI Allahabad, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (m), Res (ISC), and various numerical values. Includes stations like BTO HongShan, HNS HongShan, KSH Kashi, etc.

Table with columns for station name, frequency, and other details. Includes stations like SON89, SONM, SONLR, etc.

Table with columns for station name, frequency, and other details. Includes stations like AKTO, MAJO, MAJU, etc.

Table with columns for station name, frequency, and other details. Includes stations like MOS, BOSK, BOZK, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BUR08, VOIR, ARR, FIA1, FINES, PABE, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like GEC2, GERES, NOA, KHC, CLM, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like G23K, KOUNC, I21K, O16K, K20K, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PAX Paxson, SEW Seward, PWL Port Wells, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FRB Froebisher Bay, DBIC Dimbokro, VYND Vanda, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UP2D Meteti, UBBC Barranca, ZARC Zaragoza, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TSEB, WTP, CHN3, SNST, TPUB, LAY, TWK, WFW1, CHN4, LYUB, YULB, YUS, ALS, EHY, ICHU, HGSD, CHN8, EGFH, VVWD, SSLB, SMLT, ESL, WDGJ, WDHG, CHGB, VCHM, VCHM, WHF, PHUB, YOH, YOJ.

WARRAMUNGA ARR 18.225 P
ASAR Alice Springs 21.73 218 P
FITZ Fitzroy Crossi 24.80 241 P
TORD Torodi Ar. Bea 146.59 283 PKPbc

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, FITZ, TORD, MEX27, HUG, CARR, PCIG, CMIG, UXUV, TGIG, PEIG, VHO, PATR, PAVE, CHJU, CCIG, YOIG, PNIG, TXIG, TOIG, HLIG, MGIG, CRIG.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RIC1, STON, STON, STON, STON, STON, LSTV, SRKY, SRKY, HVAR, DBRK, DBRK, BRY, BRY, BRY, TREB, KJUV, UPM, UPM, UPM, MGRS, MGRS, HCY, HCY, HCY, NKME, NKME, NKME, CEME, ZIRJ, MORI, RUDO, RUDO, BLY, BLY, BLY, BUM, BUM, BBLs, BBLs, BBLs, KOME, KOME, KOME, PDG, PDG, PDG, TTG, DRME, DRME, DRME, UDBI, UDBI, A051A, SJES, SJES, SJES, IVA, IVA, IVA, DUGI, DUGI, ULCI, ULK, ULK, TEKS, TEKS, TEKS, IVAS, IVAS, PVY, DIVS, DIVS, DIVS, VIRC, NVLJ, TRUS, TRUS, RABC, GRUS, GRUS, FRGS, FRGS, FRGS, SELS, BOJS, BOJS, PT, CRES, CRES, KALN, SMRN, BARS, CEY, CEY, SKDS, SKDS, OBKA, OBKA, TAP27, TWC, TWC, EWUT, EWUT, ENA, ENA, ENA, NDS, NDS, EGS, EGS, NTC, NTC, ENTT, ENTT, LATG, LATG, NACB, NACB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NACB, NDT, FUSB, TIPB, ETLH, NWLT, NNSB, YHNB, YOJ, PCYT.

IDC 27 06:03:09.9:2.5, 54.13N:86.50E, h0km, mbtmp3.2/2, ML3.0/2, Error ellipse: s-maj=20.6km s-min=12.9km az=56.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, KURBB, MKAR, MKAR.

JMA 27 06:08:33.2:0.4, 32.7N:114.42E, h67km, MV3.6/19, FAR E OFF IZU ISLANDS, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BS01, BS03, BS04, CBJ, JHO, JRY, JRY, ASH.

SOME 27 06:30:24.8, 40.52N:78.17E, h5km
KRNET 27 06:30:25.9:0.1, 40.42N:78.37E, mb3.4
NINC 27 06:30:25.2:1.8, 40.49N:78.29E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=12.3km s-min=7.9km az=164.0
ISC 27 06:30:24.8:2.7, 40.5N:0.1x78.10E:0.04, h3km, n39, c148/53, 11C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULHL, ULHL, SATY, SATY, SATY, BOOM, BOOM, UZB, UZB, UZB, MDOK, MDOK, MDOK, SHLS, SHLS, SHLS, MTBS, MTBS, KURS, KURS, KURS, KURS, KURS, KURS, KURS, SHLS, SHLS, SHLS.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWC, TWC, EWUT, EWUT, ENA, ENA, ENA, NDS, NDS, EGS, EGS, NTC, NTC, ENTT, ENTT, LATG, LATG, NACB, NACB.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like 553A Crawfordville, VN3 Neumayer Olymp, TIGA Neumayer-Stat, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like KMSC Kings Mountain, CASEE Lake Cassee, V58A Windy Hill, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like SLBS, Z38A Mt. Pleasant, Z38A Mt. Pleasant, U49A Red Boiling Sp, etc.

Table with 10 columns: ID, Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error, Azimuth Rate Error, Elevation Rate Error. Rows include stations like P53A Whipple, S44A Carbondale, S44A Carbondale, SIUC Southern Illini, etc.

Table with 10 columns: ID, Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error, Azimuth Rate Error, Elevation Rate Error. Rows include stations like UCCT U. Connecticut, Q44A Meyer Farm, Va, Q44A Meyer Farm, Va, BCOK Bluff Creek, etc.

Table with 10 columns: ID, Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error, Azimuth Rate Error, Elevation Rate Error. Rows include stations like AMTX Amarillo, AMTX Amarillo, ELIS Ellis Co county, ERPA Erie, ERPA Erie, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like EMMW East Machias, TIC Tournodi, R32A Long Quarter, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like X18A Snowflake, H43A Windswept, KSC0 Kaye Shedlock, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MURC Murrieta, O20A White River, ELS Elsinore Mount, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations like KSRS, JNU, GTA, etc.

IDC 27 06:53:53.6:2.8,54:15N-86:69E, h0km, mbtmp2.9/2, ML2.8/2, Error ellipse: s-maj=23.5km s-min=14.9km az=52.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like I46RU, ZALV, ZALV, etc.

NEIC 27 07:00:18.3:1.2, 18:41N-0:3:68:83W, 0:06, h169km, 10km, Error ellipse: s-maj=7.4km az=18.0

RSPR 27 07:00:19.4, 18:61N-68:75W, h164km, 1km, MD3.6/17

OSPL 27 07:00:20.5:1.9, 18:17N-68:87W, h163km, 11km, ML3.1

ISC 27 07:00:17.0:1.6, 18:41N-0:1:68:84W, 0:04, h178km, 10km, n69, c1508/86, 16C, Mona Passage

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like PCDDR, DR12, SDD, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like OBIP, OBIP, OBIP, etc.

CRAAG 27 07:00:29.9, 36:08N-2:35E, M12.9, MDD 27 07:00:30.8:1.7, 36:05N-2:39E, h5km, 6km, Mb3.7/6, M, mb3.0/6, Error ellipse: s-maj=11.6km s-min=7.7km az=155.0

ISC 27 07:00:32.2:1.2, 36:19N-0:08:2:31E, 0:06, h12km, n10, c089/13, 5C, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like EBNR, ABA, ADJB, etc.

IDC 27 07:02:23.4:0.8, 20:91S:66:26W, h247km, 11km, mb3.1/3, mbtmp4.1/9, Error ellipse: s-maj=17.0km s-min=11.0km az=107.0

SCB 27 07:02:23.6:1.3, 20:93S:66:28W, h274km, 6km, ML3.3/8, MW3.6, Error ellipse: s-maj=6.8km s-min=6.1km az=0.0

ISC 27 07:02:23.1:0.8, 20:91S:66:27W, 0:07, h243km, n22, c1878/24, Southern Bolivia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like MOCB, MOCB, YJA, etc.

IDC 27 07:25:39.7:3.9, 19:97S:178:73W, h470km, 30km, mb3.2/6, mbtmp4.0/7, Error ellipse: s-maj=94.7km s-min=17.3km az=151.0

ISC 27 07:25:43.0:1.5, 19:45S:0:5:179:1W, 0:2, h500km, n10, c097/10, mb3.5/6, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like MSVF, WRA, ASAR, etc.

SOME 27 07:53:02.6, 39:57N-72:33E, h10km, ISU 27 07:53:02.0, 39:72N-72:06E, h15km, KRNET 27 07:53:02.1:0.1, 40:02N:71:62E, mb3.0, NNC 27 07:53:05.5:1.3, 39:48N:72:82E, h14km, 7km, mb3.9, mpv3.4, Error ellipse: s-maj=12.2km s-min=7.7km az=136.0

ISC 27 07:52:58.6:1.4, 39:55N:0:04:72:14E, 0:04, h7km, n11km, n21, c244/36, 5C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like CHMI, CHMI, FRG, etc.

ANF 27 08:10:09.5:2.0, 43:84N-128:53W, h0km, ML3.4/3, Error ellipse: s-maj=20.8km s-min=14.8km az=49.0

NEIC 27 08:10:09.0:1.9, 43:9N:0:1:128:9W, 0:2, h10km, 2km, ML3.3/42, Error ellipse: s-maj=24.5km s-min=15.9km az=233.0

IDC 27 08:10:15.8:4.9, 44:17N:127:61W, h0km, mb2.9/1, mbtmp3.0/4, ML3.0/3, MS3.0/2, Error ellipse: s-maj=77.5km s-min=32.3km az=70.0

ISC 27 08:10:10.2:2.3, 43:93N:0:09:128:7W, 0:1, h13km, n48, c1507/42, Off coast of Oregon

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like KEEM, IOBE, IOBE, etc.

27d 10h

Table of station data for 27d 10h, including columns for station name, coordinates, and various parameters like SNR and error ellipse.

2016 JUL

Main table of station data for 2016 JUL, listing stations like BELA, SPITS, SNAIA, etc., with their respective coordinates and parameters.

1502

Table of station data for 1502, including stations like CAN, USRK, USRK, etc., with their coordinates and parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PAX, WAT6, P16K, K27K, etc.

IDC 27 11:34:01.0e,6.3,22.248S:179.20W,h569km,39km,mb3.0/5, mbmp4.0/6, Error ellipse: s-maj=120.1km s-min=24.9km az=138.0

IDC 27 11:33:57.6i,1.8,22.28S:0.3:178.8W:0.3,h550km,n10, e0.93/9,mb3.4/5,South of Fijil Islands

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

IDC 27 11:35:43.4,0.1,17.58S:178.67W,h598km,21km,mb3.0/3, mbmp3.9/4, Error ellipse: s-maj=147.3km s-min=26.3km az=143.0

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

IDC 27 11:45:52.2,1.9,23.31S:66.68W,h199km,13km,mb2.9/3, mbmp3.7/7,MS2.8/1, Error ellipse: s-maj=41.3km s-min=18.7km az=174.0

NEIC 27 11:45:53.2,1.3,23.36S:0.08:67.0W:0.1,h228km,9km, mb4.0/5,Ms3.6(SAJ),ML1(GUC) Error ellipse: s-maj=19.4km s-min=11.6km az=91.0

GUC 27 11:45:53.1,0.7,23.32S:67.09W,h246km,10km,ML4.1 ISC 27 11:45:52.5,0.2,23.33S:0.04:66.87W:0.09,h217km,gkm, n54,i125/72,mb3.7/6,11C-2D,Jujuy Province

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AF01, LVC, G002, etc.

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OCLP, OMLP, BESP, etc.

27d 12h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Acceleration, Elevation Acceleration, SNR, and other parameters.

2016 JUL

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Acceleration, Elevation Acceleration, SNR, and other parameters.

1506

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Acceleration, Elevation Acceleration, SNR, and other parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Acceleration, Elevation Acceleration, SNR, and other parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Acceleration, Elevation Acceleration, SNR, and other parameters.

1507

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Steaming Bluff, Halema'uma'u T, Puh Pauhi, RSD Rainshed, HMH Huih'u'ala Sheep, etc.

HEL 27 12:08:04.2-0.4,62.74N:29.67E,h0km,ML1,3, Explosion,Finland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Ruokolahiti, Romuvaara, Kangasniemi, etc.

HEL 27 12:08:58.3-0.2,67.65N:33.73E,h0km,ML1,6, Explosion,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Lovozero, Varrjo, Rieikki, etc.

IDC 27 12:22:35.4+2.2,4.89S:153.93E,h61km,18km,mb4.2/15, mbmp4.5/17,MS3.5/30,Error ellipse: s-maj=17.7km s-min=12.2km az=69.0

DJA 27 12:22:38.6+0.4,5.54S:15.4E,h86km,3km,M4.8/20, mb5.0/7,mb4.7/20,MLv5.1/3,Mw(mb)4.4/7

NEIC 27 12:22:38.3+1.3,4.86S:103.66E,0.08h,77km,7km, mb4.9/56,Error ellipse: s-maj=12.0km s-min=9.1km

ISC 27 12:22:35.8-0.3,4.88S:105.153.71E,0.06,h56km,n229, s=1919/210,mb4.8/53,MS3.5/31,1D,New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Rabaul, Keraviti, MANU, HNR, etc.

2016 JUL

Main table with columns: Station Name, Time, Res, P, I, A, M, B. Includes stations like WRAB Tennant Creek, WRAB Warramunga Arr, WRA Warramunga Arr, etc.

27d 12h

Table with columns: Station Name, Time, Res, P, I, A, M, B. Includes stations like DRV Dumont d'Urville, MA2 Magadan, GA2 Gaotai, etc.

27d 12h

Table with columns: Code, Station Name, Az, Az, P, P, Time, Res, ISC. Includes stations like K23K, K27K, KSH, F25K, YUKA, C24K, E25K, G26K, F26K, D25K, KURK, NIL, QSPA, C26K, E27K, C27K, AAK, I29M, P32M, MAW, MAW, MAW, P33M, NRIK, DLBC, DLBC, INK, KKAR, BVAR, BRVK, NVAR, NVAR, LRM, PFO, ELK, AKTO, LPIG, PDAR, TROLL, CBL, CDF, TORD.

NEIC 27 12:31:19.1±1.0,54.1N;0.161.24W;0.09,h31km,20km, Error ellipse: s-maj=16.3km s-min=6.2km az=160.0

AEIC 27 12:31:18.1±1.5,54.12N;0.08.161.27W;0.10,h32km,gkm, ML3.2/2.1,ML3.2/12(NEIC), Error ellipse: s-maj=13.3km s-min=6.9km az=154.0,Alaska Peninsula

Table with columns: Code, Station Name, Az, Az, P, P, Time, Res, ISC. Includes stations like DN1, CHTA, CHA, HAG, PS4, PSV, SDPT, SDPT, SDPT, PN7A, FALS, FALS, BRPK, ISLZ, S12K, S12K, SSSL, SSSL, SSSA, WESN, WESP, WESN, WESN, AKSA, AKUT, CHGN, CHGN, AKBBA, AKGG, UNV, UNV, MTBL, MSW, MAPS, CHIR, CHIR, R16K, R16K, R17K, R17K, NIKH, NIKH, SHLS.

2016 JUL

Table with columns: Code, Station Name, Az, Az, P, P, Time, Res, ISC. Includes stations like SII, CLCO, P16K, P16K, OHAK, OHAK, IDC, IDC, MOS, MOS, NEIC, NEIC, NNC, NNC, ISC, ISC, KBL, KBL, KBL, CHGR, CHGR, CHGR, DRK, DRK, NIL, NIL, CHIP, CHIP, BTK, BTK, TAS, TAS, HRA, HRA, IUG, IUG, IUG, CHM, CHM, CHM, KSH, KSH, KSH, KSH, AML, AML, AML, DZA, DZA, DZA, KK31, KK31, KK31, KK31, KK31, KKAR, KKAR, KKAR, UCH, UCH, EKS2, EKS2, AAK, AAK, AAK, KBK, KBK, CHMS, CHMS, CHMS, CHMS, ULHL, ULHL, ULHL, USP, USP, USP, TKM2, TKM2, TKM2, TKM2, SGDS, SGDS, SGDS, SGDS, GEYT, GEYT, GEYT, GEYT, GNDC, GNDC, MDOK, MDOK, MDOK, KUU, KUU, KUU, PRZ, PRZ, BTLS, BTLS, CHKK, CHKK, SATY, SATY, SATY, ZHN, ZHN, ZHN, UZB, UZB, UZB, UZB, SHLS.

1508

Table with columns: SHLS, SHLS, PDGK, PDGK, PDGK, OTUK, OTUK, BRZS, BRZS, MAZK, MAZK, MAZK, DANN, DANN, MK31, MK31, MK31, MKAR, MKAR, MKAR, AB31, AB31, AB31, DMN, DMN, KKN, KKN, KURBB, KURBB, PKIN, PKIN, PKI, PKI, WMQ, WMQ, WMQ, KURK, KURK, KURK, GUN, GUN, AKTO, AKTO, AKTO, AKTO, JIRN, JIRN, BVAO, BVAO, BRVK, BRVK, BRVK, RAMM, RAMM, SEKA, SEKA, ODAN, ODAN, MNGR, MNGR, GANU, GANU, NAX, NAX, GROC, GROC, LSA, LSA, LSA, GNI, GNI, GNI, GNI, HYBB, HYBB, ZEI, ZEI, GOMU, GOMU, GOMU, GOMU, ZAAO, ZAAO, ZAAO, ZALV, ZALV, ZALV, NCK, NCK, NCK, KBZ, KBZ, KBZ, ARU, ARU, ARU, ARU, KIRV, KIRV, VORR, VORR, MOY, MOY, LZH, LZH.

mpv4.0, Error ellipse: s-maj=22.2km s-min=14.7km az=15.0

ISC 27 14:08:44.9-1.8, 37.8N, 0.1, 71.69E, 0.08, h100km, n19, s=146/25, 6C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations like AML, UCH, EK2S, AAK, KK31, etc.

ISC 27 14:22:16.1±2.0, 19°27'S, 177°17'W, h504km, 22km, mb3.1/8, mbtmp4.0/9, Error ellipse: s-maj=53.9km s-min=13.5km

NEIC 27 14:22:17.3±1.8, 19.4S, 0.1, 177.5W, 0.1, h540km, 10km, mb4.4/21, Error ellipse: s-maj=22.0km s-min=18.4km az=152.0

ISC 27 14:22:17.9±0.5, 19.5S, 0.1, 177.44W, 0.09, h550km, n37, s=166/38, mb4.1/17, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations like MSVF, NIUE, AFI, etc.

ISC 27 14:27:03.3±2.1, 2.03S, 126.74E, h0Kkm, mb3.2/2, mbtmp3.3/3, ML3.3/1, Error ellipse: s-maj=166.3km s-min=29.1km az=65.0, Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations like WRA, ASAR, MKAR, etc.

0.1nm, 0.4s, baz=123, slow=5.3, SNR=1.3 0.1nm, 0.4s

IDC 27 14:37:32.7±5.5, 4.45S, 105°05'E, h126km, 37km, mb3.6/5, mbtmp4.0/5, MS4.5/1, Error ellipse: s-maj=156.3km s-min=17.6km az=54.0

DJA 27 14:37:34.9±0.4, 5°S, 5°10'E, h98km, 5km, M3.8/10, MLV3.8/10

ISC 27 14:37:32.6±1.0, 5.3S, 0.1, 104.54E, 0.08, h100km, n20, s=297/17, mb3.9/5, Southern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations like KASI, KLI, KL, etc.

IDC 27 14:41:25.4±5.8, 5.62S, 153°63'E, h0Kkm, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=173.0km s-min=43.1km az=110.0, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations like WRA, ASAR, MKAR, etc.

BUJ 27 14:47:12.8±0.0, 36°42'N, 140°83'E, h57km, mb5.2/80, mb5.0/58, MS4.7/92, Ms7.4/6/87

IDC 27 14:47:13.2±2.5, 36°44'N, 140°54'E, h22km, 15km, mb5.3/30, mbtmp5.4/32, ML5.0/2, MS4.3/72, Error ellipse: s-maj=13.3km s-min=8.9km az=90.0

MOS 27 14:47:14.8±0.9, 36°55'N, 140°53'E, h43km, mb5.9/71, MS4.0/13, Error ellipse: s-maj=6.1km s-min=3.9km az=107.2

KEA 27 14:47:16.6, 36°21'N, 140°98'E, h49km, MS4.1/04, NEIC 27 14:47:17.0±2.7, 36°49'N, 0.04, 140°76'E, 0.06, h46km, 1km, mb5.5/190, Mw5.3/66, Mw5.1/30, Mw5.3/3, Error ellipse: s-maj=9.6km s-min=7.2km az=232.0

NIED 27 14:47:17.1, 36°55'N, 140°61'E, h57km, M5.3, Moment tensor solution, s3 Moment tensor: Scale 10^16Nm; M1: 0.86; M2: 0.04; M3: -6.90; M4: 0.27; M5: 1.01; M6: 0.70; Fault plane solution: Ms9.940000x10^16 NP1: 0.183.000000, 0.823.000000, 1.78.000000; NP2: 0.16.000000, 0.688.000000, 1.95.000000;

JMA 27 14:47:17.1±0.1, 36°55'N, 140°61'E, h57km, MD5.4/39, MW5.3/39, NORTHERN IBARAKI PREF, JMA Felt V J1 at NORTHERN IBARAKI PREF.

NEIC 27 14:47:17.36, 49N, 140°61'E, h48km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; M1: 0.84; M2: 0.24; M3: 0.90; M4: 0.26; M5: 0.30; M6: 0.68; Fault plane solution: Ms1.070000x10^17 NP1: 0.214.260000, 0.24.560000, 1.98.860000; NP2: 0.24.530000, 0.65.750000, 1.85.970000; Principal axes: T 1.1095, Plg69.0000; Azm287.0000; N -0.0728, Plg4.0000; Azm26.0000; P -1.0367, Plg21.0000; Azm118.0000;

NEIC 27 14:47:17.36, 49N, 140°61'E, h48km, Moment Tensor Solution. Duration: 2.66 Moment tensor: Scale 10^16Nm; M1: 1.15; M2: 0.45; M3: -7.59; M4: 1.46; M5: 0.87; M6: 5.98; Fault plane solution: Ms9.650000x10^16 NP1: 0.161.000000, 0.827.000000, 1.67.000000; NP2: 0.7.000000, 0.65.000000, 1.01.000000; Principal axes: T 9.5743, Plg68.0000; Azm298.0000; N 0.1519, Plg10.0000; Azm182.0000; P -9.7262, Plg19.0000; Azm88.0000;

GCMT 27 14:47:20.0±1.3, 36°44'N, 0.01, 140°72'E, 0.01, h59km, MW5.3/147, Moment Tensor Solution, s124.4; M1: 1.147, c287; Duration: 1.81 Moment tensor: Scale 10^17 Nm; M1: 0.99±0.2; M2: 0.00±0.1; M3: 0.98±0.1; M4: 0.16±0.1; M5: 0.31±0.1; M6: 0.64±0.1; Best double couple: Ms1.222000x10^17 NP1: 0.197.000000, 0.829.000000, 1.92.000000; NP2: 0.15.000000, 0.61.000000, 1.89.000000; Principal axes: T 1.1770, Plg74.0000; Azm282.0000; N 0.0910, Plg1.0000; Azm15.0000; P -1.2670, Plg16.0000; Azm106.0000; ns1a1 refers to body waves, cutoff=40s. ns1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27 14:47:16.6±3.9, 26.50S, 0.02, 140°63'E, 0.03, h50km, 1km, mb3.0/9P, mbtmp3.9/1, MS7.1/561, mb5.7/343, MS4.5/123, 164C-60D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations like JHO, JHO, JHYU, etc.

comp=E, 479nm, 3.1s, comp=E, 353nm, 0.7s

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations like CHJO, JSMT, JFK, etc.

Table with columns: Station, Name, Time, and other details. Includes stations like MIYV, JSZI, JHG, etc.

Table with columns: Station, Name, Time, and other details. Includes stations like JAB, JAB, JAB, etc.

Table with columns: Station, Name, Time, and other details. Includes stations like PYAG, PYAG, PYAG, etc.

Table listing station data for 1513, including call signs like NJ2, TIA, YOJ, etc., and various technical parameters.

Table listing station data for 2016 JUL, including call signs like HHC, GUMO, MA2, etc., and various technical parameters.

Table listing station data for 27d 14h, including call signs like GYA, BUSP, CD2, etc., and various technical parameters.

27d 14h

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like WMQ Urumqi, CHTO Chiang Mai, and many others.

2016 JUL

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like KAPI Kappang, KAPI Kappang, KAPI Kappang, and many others.

1514

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like KDAK Kodiak Island, KDAK Kodiak Island, CHUM Lake Minchumina, and many others.

27d 14h

Table with columns for station name, frequency, power, and coordinates. Includes stations like KBS Kingsbay, PALK, HRA, WRKA, etc.

2016 JUL

Table with columns for station name, frequency, power, and coordinates. Includes stations like OBN Obninsk, MAK Makhachkala, LPSR Galich ya Gora, etc.

1516

Table with columns for station name, frequency, power, and coordinates. Includes stations like UOSS Minazif, UOSS Minazif, GNI Garni, etc.

Table containing meteorological data for stations 1517 through 27d 14h. Each entry includes station name, elevation, coordinates, and various weather parameters like temperature, wind speed, and visibility.

27d 14h

2016 JUL

1518

Table listing astronomical data for the 27th day of July 14h. Columns include object names (e.g., KAVA, MMB, ARSZA), coordinates, and various flags (P, eP, pmax, etc.).

Table listing astronomical data for the 27th day of July 14h. Columns include object names (e.g., ABTA, ABTA, PPT, PPT2), coordinates, and various flags (P, eP, LR, etc.).

Table listing astronomical data for the 27th day of July 14h. Columns include object names (e.g., IMMV, KTHR, N35A), coordinates, and various flags (P, Iamb, etc.).

1519

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sharon Grove, Corning, Princeton, Binghamton, Waverly, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INET 27, SNET 27, CPUP, etc.

2016 JUL

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PACA Pacaya, WARRAMUNGA ARR, ASAR, etc.

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

27d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TWKBT, EAST Anshuo, TAWH, etc.

27d 17h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TDCB Tech, TWT Tachien, TWQ1 Lyutan, etc.

IDC 27 15:29:38.1-53.0, 16:07S, 177.30W, h0km, mb4.1/3, mbmp3.4/3, Error ellipse: s-maj=983.7km s-min=160.3km az=77.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

WEL 27 15:42:39.3-0.4, 42°S, 172°E, h3km, mb3.3km, M2.9/9, ML3.1/1.3, ML2.9/9, Error ellipse: s-maj=0.0km s-min=0.0km az=133.3, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DSZ Denniston Nort, DSZ THZ, MRNZ Matariki Terra, etc.

IDC 27 16:38:59.8-1.6, 29.25S, 61.11E, h0km, mb3.6/5, mbmp3.7/6, ML3.9/1, MS3.6/4, Error ellipse: s-maj=62.4km s-min=27.9km az=26.0

ISC 27 16:39:01.3-1.7, 29.2S, 0.4x61.1E, 0.2, h10km, n17, 056777, mb3.7/5, MS3.5/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OPO Ambोधidratompo, OPO OPO, HOSB1 Diego Garcia H.

2016 JUL

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HOSB2 Diego Garcia H, HOSB3 Diego Garcia H, MATP Matopo, etc.

IDC 27 16:41:38.3-1.2, 54.69S, 127.31W, h0km, mb3.8/4, mbmp3.8/4, MS3.3/1, Error ellipse: s-maj=46.9km s-min=32.7km az=163.0

ISC 27 16:41:39.6-1.2, 54.6S, 0.3x127.3W, 0.2, h10km, n22, 052525, mb3.8/4, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GSPA South Pole Qui, H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

BUI 27 16:54:27.9-0.0, 25.25N, 94.21E, h9km, mb4.0/10, mb4.6/3, ML3.7/3

NDI 27 16:54:28.1-2.2, 24.73N, 94.27E, h27km, 23km, ML4.0, IDC 27 16:54:29.9-3.4, 24.40N, 94.21E, h96km, 32km, mb3.4/9, mbmp3.7/10, MS3.4/1, Error ellipse: s-maj=52.3km s-min=13.3km az=62.0

ISC 27 16:54:28.7-0.7, 24.66N, 0.05x94.30E, 0.05, h82km, n34, 350240, mb3.7/10, 1C, Myanmar-India border region

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

JIRN Jiri, JIRN Jiri, GUN Gumba, GUN GUN

PKI Pulchok, PKI Pulchok, KKN Kakani, KKN KKN, DMN Daman, GKN Gorkha, GKN GKN

1520

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DANN Danning, GOMU Geerlmu, GOMU GOMU, etc.

IDC 27 17:02:32.5-24.0, 37.09N, 71.30E, h292km, 166km, mb3.3/2, mbmp3.8/5, MS3.4/1, Error ellipse: s-maj=403.4km s-min=90.4km az=161.0

ISC 27 17:02:26.6-2.6, 37.2N, 0.2x70.6E, 0.2, h200km, n7, 051047, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KK31 Karatay Array, MKAR Makanchi Array, etc.

IDC 27 17:16:42.6-3.0, 35.75N, 69.06E, h0km, mb3.5/3, mbmp3.5/4, ML3.1/1, Error ellipse: s-maj=96.4km s-min=39.1km az=100.0

NIN 27 17:17:08.3-2.8, 36.59N, 70.62E, h100km, 48km, mb3.4, mpv4.0, Error ellipse: s-maj=21.2km s-min=18.2km az=11.0

ISC 27 17:17:01.6-1.5, 36.2N, 0.1x70.6E, 0.1, h100km, n16, 0521210, 3C-3D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AML Almayush, UCH Uchtor, KK31 Karatay Array, etc.

SNET 27 17:58:01.0-0.8, 13.73N, 91.12W, h0km, 22km, ML3.7, UCR 27 17:58:01.0-0.7, 13.80N, 91.11W, h0km, 35km, ML3.6, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE NUBE, etc.

Table with columns: STJE, STJE, STJE, PAVA, PAVA, COEG, COEG, COEG, PACA, PACA, CNCH, CNCH. Includes station names like 'Alcalda de S', 'Las Pavas', 'Centro de Oper', 'Pacayal', 'Pacayal', 'Conchagua', 'Conchagua' and various numerical data.

IDC 27 18:49:9.9-0.3, 62N, 127.83E, h129km, 92km, mb3.3/8, mltmp3.7/8, Error ellipse: s-maj=54.4km s-min=15.9km az=79.0

DJA 27 18:49:53.2-0.7, 4N, 127.83E, h162km, 6km, M4.0/11, mb4.0/7, mb4.6/3, MLV4.1/11, Mw(m)B3.8/3

ISC 27 18:49:52.3-0.8, 3.74N, 0.06E, 127.98E, 0.10, h150km, n18, 163/22, mb3.6/6, 4D, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SANGIHE, Ternate, Don Marcelino, etc.

TAP 27 19:00:28.8, 24.45N, 121.85E, h12km, ML1.6, 1C-1D, D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Wuta, Nanau, Suao, etc.

Table with columns: WHF, WHF, WHF, SXII, NFF, CHGB, CHGB, YMO1, YMO1, OWD, OWD, WUSB, WUSB, WHP, WHP, WHP. Includes station names like 'Hehuan Shan', 'Grass Mountain', 'Wufeng Townshi', etc.

JMA 27 19:00:50.9-0.3, 25N, 124.2E, h131km, 4km, MV2.0/11, NW OFF ISHIGAKIJIMA IS, Northeast of Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Ishigaki jima, Iriomote-Funau, etc.

IDC 27 19:16:52.5-0.4, 1.73N, 124.51E, h239km, 58km, mb3.7/14, mltmp4.2/15, Error ellipse: s-maj=30.3km s-min=11.7km az=88.0

DJA 27 19:16:52.3-0.5, 2N, 124.51E, h220km, 6km, M4.2/12, mb4.1/2, MLV4.3/12

NEIC 27 19:16:52.3-1.9, 1.7N, 0.1E, 124.72E, 0.08, h233km, 10km, mb4.5/32, Error ellipse: s-maj=16.2km s-min=11.6km az=182.0

ISC 27 19:16:52.6-0.5, 1.70N, 0.06E, 124.78E, 0.07, h250km, n70, 1942/74, mb4.2/27, 1D, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Cibinong, Sangihe, Ternate, etc.

WRA Warramunga Arr 23.47 157 P P 19 21 43.2 +1.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Warramunga Arr, Minamidaito 2, Kunigami, etc.

Table with columns: PETK, PETK, MKAR, MKAR, MKAR, GAR, KURB, KURK, KURK, KKAR, TIXI, TIXI, NRIK, NRIK, ABKAR, MWH, ARCES, FINES. Includes station names like 'Petrovlovsk', 'Makanchi Array', etc.

NEIC 27 19:22:51.6-1.4, 4.375N, 105.50W, 0.06, h0km, 22km, ML3.4/47, Error ellipse: s-maj=6.9km s-min=3.0km az=78.0

IDC 27 19:22:53.7-1.1, 4.389N, 105.76W, h0km, mltmp3.1/6, ML2.8/5, Error ellipse: s-maj=21.3km s-min=9.5km az=147.0

ISC 27 19:22:50.5-0.8, 43.86N, 0.04E, 105.62W, 0.04, h0km, n43, 1855/40, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Black Hills, Casper, Rawlins, etc.

IDC 27 19:23:04.4-6.0, 12.83S, 74.84W, h0km, mb4.0/1, mltmp3.8/2, ML3.7/1, MS3.1/4, Error ellipse: s-maj=237.5km s-min=49.4km az=38.0, Central Peru

27d 20h

Table with columns: LPAZ, comp, 0.6m, 0.3s, baz=304, slow=8.1, SNR=10, LR, 19 28 05.0

IDC 27 19:28:38.6:1.5,37:29N:90:96E,h0km,mb3.6/4, mbmp3.6/6,ML3.5/2,Error ellipse: s-maj=69.1km

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

IDC 27 19:31:43.7:4.7,33:24N:141:88E,h0km,mb3.4/2, mbmp3.4/4,ML2.9/2,Error ellipse: s-maj=234.2km

IDC 27 19:31:42.1:2.4,33:31N:141:98E,0:08,h9km,14km, n15,+210/24,Off east coast of Honshu

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

IDC 27 19:36:14.9:5.6,13:30N:143:35E,h109km,79km,mb3.0/3, mbmp3.7/14,MS2.7/1,Error ellipse: s-maj=92.3km

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

IDC 27 20:02:45.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=25.0km s-min=16.2km az=76.0

NEIC 27 20:02:46.2:6.2,20:68N:0:1:121:56E:0:04,h16km,7km, mb4.1/10,Error ellipse: s-maj=16.4km s-min=4.5km az=189.0

IDC 27 20:02:50.4:0.5,20:74N:105:121:3E:0:1,h35km,n39,+2517/39,mb3.8/17,5D,Philippine Islands region

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

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Table with columns: MKAR, Makanchi Array, 40.91 319 P P, 20 10 30.8 +1.5

IDC 27 20:14:53.0:11.0,18:84S:177:40W,h0km,mb3.8/3, mbmp3.7/3,Error ellipse: s-maj=349.3km

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

IDC 27 20:19:08.0:0.3,37:00N:141:30E,h10km,mb4.3/10, mb4.7/4,MS4.0/3,MS7.3/9/3

IDC 27 20:19:09.6:0.5,36:99N:141:10E,h0km,mb4.1/21, mbmp4.0/26,ML2.7/5,MS3.1/9,Error ellipse: s-maj=15.2km s-min=13.7km az=107.0

NIED 27 20:19:12.4:36:97N:141:22E,h27km,MW4.0,Moment Tensor Solution, s Moment tensor: Scale 1015Nm; Mn:-1.05; Ms:-0.11; Mw:1.16; Mo:-0.20; Mx:0.23; My:0.41; Fault plane solution: Mo:1.22000x10^15 NPT:25.0000; 3.8,00000; -1.66,00000; NP2:176.00000; 856.00000; -1,107,00000

JMA 27 20:19:12.4:0.1,37:00N:141:30E,h27km,MD4.3/40,MV4.3/40,E OFF FUKUSHIMA PREF

MOS 27 20:19:14.4:1.0,36:93N:141:03E,h43km,mb4.5/11,Error ellipse: s-maj=10.5km s-min=7.6km az=103.6

NEIC 27 20:19:15.3:1.8,37:01N:0:05:140:9E:0:1,h32km,5km, mb4.3/46,Error ellipse: s-maj=16.8km s-min=5.2km az=106.0

IDC 27 20:19:12.5:1.3,36:98N:0:03:141:5E:0:05,h17km,7km, n52,+1920/162,mb4.3/59,MS3.2/7,8C,Near east coast of stern Honshu

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

Table with columns: JHU, 22nm,0.3s,baz=60,slow=20,SNR=2.1, Sn Sn, 20 20 57.5 -2.1

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

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

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

IDC 27 20:22:02.4:0.8,20:67N:121:36E,h0km,mb3.8/12, mbmp3.7/14,ML2.8/2,MS2.9/2,Error ellipse: s-maj=92.3km

1523

Table with columns: AAK, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Ala-Archa, Borovoye, Sand Creek, etc.

2016 JUL

Table with columns: KHC, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Kasperske Hory, GERES, Albuquerque, etc.

27d 20h

Table with columns: BAGA3, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Bagala, Chiriqui, Monte Lirio, etc.

Table with columns: Station, Time, Res, Phase ID, and other details. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, VNSA Vanda, etc.

2016 JUL

Table with columns: Station, Time, Res, Phase ID, and other details. Includes stations like LYUB, LAY Lan-yu, LDUT Ludao, etc.

Table with columns: Station, Time, Res, Phase ID, and other details. Includes stations like SSSLB, CHY Chaiyi, CHY Chaiyi, etc.

UPP 27 22:39:41.9, 0.1, 67.18N, 20:64E, h1km, ML2.0, Explosion
IDC 27 22:39:42.5, 1.2, 67.16N, 20:77E, h0km, mbmp2.6/3,
ML1.9/3, Error ellipse: s-maj=16.7km s-min=9.8km
az=110.0
HEL 27 22:39:42.5, 0.1, 67.16N, 20:64E, h0km, ML1.9,
ML2.0(UPP), Confirmed Induced event
BER 27 22:39:43.7, 1.9, 67.03N, 20:96E, h0km, ML2.1, Confirmed
Induced event

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other details. Includes stations like DUNU Dumdret, MASU Masugnsby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other details. Includes stations like LYUB Lan-yu, etc.

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

IDC 27 23:03:16.2, 3.6, 6:76S, 148:38E, h0km, mb3.4/1,
mbtmp3.3/2, ML3.4/1, MS3.2/1, Error ellipse:
s-maj=133.5km s-min=46.5km az=116.0, New Britain
region
Code Station Name Az Az' Phase ID Time Res
WRA Warramunga Arr 18.91 225 P P 23 07 37.7 -0.9
ASAR Alice Springs 21.82 218 P P 23 08 10.6 +0.3
FITZ Fitzroy Crossi 24.87 241 LR LR 23 17 49.1
TORD Torodi Ar. Bea 146.61 284 PKPbc PKPbc 23 23 00.1 -0.7

mbmp3.5/11,ML2.9/4,MS2.8/3,Error ellipse: s-maj=29.6km s-min=20.9km az=36.0 NIC 27 23:07:03.6-0.0,36:21N-31.67E,h23km,3km,ML3.8/8 DDA 27 23:07:04.0-0.0,36:19N-31.48E,h37km,MMW3.5 GII 27 23:07:07.0-0.0,35:84N-31.70E,h10km,MD2.8/3, Mm3.2/3

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Gazipasa, Antalya, Akamas, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Egridir- ISPA, Konya-Tatoy, Konya-Tatoy, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GERES GERESS Array B, FINES FINES Array B, etc.

Table with columns for country codes (LSA, SVE, ARU, etc.), names (Lhasa, Sverdlouvs, etc.), and performance metrics (17.55 118, 23 32 09.2, etc.).

Table with columns for country codes (OBN, HHC, BZK, etc.), names (Kovogotots, etc.), and performance metrics (23 40 17.0, 29.18 75, etc.).

Table with columns for country codes (PGD, KOVH, MFLH, etc.), names (Kovogotots, etc.), and performance metrics (23 25 24.3, 40.41 298, etc.).

27d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUMG Summit, TOAO Torodi Arr. Sit, TORD Torodi Arr. Bea, etc.

IDC 27 23:31:36.011.0,25.81S:108.24W,h0km,mb3.5/2, mbtmp3.5/2,MS3.2/2,Error ellipse: s-maj=549.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

IDC 27 23:40:49.6:1.7,28.22N:87.73E,h0km,mb3.7/6, mbtmp3.7/8,ML3.8/2,MS3.1/1,Error ellipse: s-maj=65.8km

NDI 27 23:40:54.0:0.6,30.42N:87.63E,h10km,ML3.4 DMN 27 23:40:56.9:0.0,28.52N:87.82E,h60km,Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 27 23:40:52.6:0.7,28.44N:0.05:87.68E:0.103,h10km,n28, e259/37,mb3.8/6,Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTK Tadong, JIRN Jiri, ODAN Odare, etc.

RNSC 27 23:41:10.0:0.9,6.81N:73.16W,h144km,4km,ML3.1, Mw3.6,1C-2D,Northern Colombia

2016 JUL

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC Barichara, BRRC Barranca, PAMC Pampolona, etc.

IDC 27 23:56:12.7:0.6,15.33S:173.44W,h0km,mb4.4/10, mbtmp4.4/11,ML4.8/1,MS3.7/30,Error ellipse: s-maj=32.1km s-min=14.7km az=134.0

NEIC 27 23:56:17.1:1.6,15.45S:0.07:173.17W:0.10,h21km,1km, mb4.8/43,Error ellipse: s-maj=14.7km s-min=9.2km az=115.0

NOU 27 23:56:21.7:1.5,15.40S:172.74W,h56km,MLv5.0/18,Samoa Islands Region

ISC 27 23:56:17.3:0.4,15.47S:0.06:173.13W:0.07,h29km,n167,e1921/134,mb4.7/31,MS3.8/29,19C-3D,Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFN Afiamalu, NIUE Niue, etc.

1530

Table with columns: RPZ, Rata Peaks, Time, Res. Includes stations like TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, ARMA Armidale, etc.

RPZ	comp=2.4,9nm,0.9s	Iamb	Iamb	01 17 08.6
MLZ	Mavora Lakes 21.39 201	P	P	01 17 14.5 +0.8
MLZA	comp=2.6,7nm,1.0s	Iamb	Iamb	01 17 17.8
STKA	Stephens Creek 33.02 251	P	P	01 18 55.4 -0.1
AS31	Alice Springs 40.65 263	P	P	01 19 58.0 -0.2
AS31	comp=2.2,5nm,0.4s	Iamb	Iamb	01 19 58.7
ASAR	Alice Springs 40.65 263	P	P	01 19 57.9 -0.4
WR0	Warramunga Arr 41.00 269	P	P	01 20 00.4 -0.6
WR0	comp=2.2,7nm,0.4s	Iamb	Iamb	01 20 09.8
WB2	Warramunga Arr 41.18 269	P	P	01 20 01.6 -0.8
WRA	Warramunga Arr 41.18 269	P	P	01 20 01.9 -0.6
WRA	comp=2.1,9nm,0.4s	Iamb	Iamb	01 20 01.3 -1.2
WB9	Warramunga Arr 41.19 269	P	P	01 20 07.1 -0.8
WB9	comp=2.1,9nm,0.4s	Iamb	Iamb	01 20 02.1
FORT	Forrest 44.63 251	P	P	01 20 27.9 -1.3
FORT	comp=2.1,9nm,0.7s	Iamb	Iamb	01 20 28.3
KNRA	Kununurra 47.57 272	P	P	01 20 52.1 +0.4
KNRA	comp=2.2,1nm,1.1s	Iamb	Iamb	01 21 11.9
QSPA	South Pole Qui 74.37 190	P	P	01 22 48.3 +1.2
BELA	Belgrano 64.78 177	P	P	01 23 49.3 +0.5
PMSA	Palmer Station 77.69 157	P	P	01 24 03.3 -1.5
PMSA	comp=2.1,3nm,1.1s	Iamb	Iamb	01 24 18.1
NB2	NORSAR Subarrat143.68 350	PKP	PKPdf	01 31 37.5 +0.2
NB2	comp=2.0,5nm,0.5s	baz=17.9,slow=2.6		
NOA	NORSAR Array B143.68 350	PKP	PKPdf	01 31 37.4 +0.2
NOA	comp=2.1,2nm,0.8s	baz=22.2,slow=3.3,SNR=5.1		
TORD	Torodi Ar. Bea 167.19 193	PKPab	PKPab	01 33 17.2 0.0
TORD	comp=2.0,5nm,0.8s	baz=165,slow=4.3,SNR=1.7		

NEIC 28 01:21:54.2-1.6,37.0S:0.1:95.4W:0.0:1,h10km,1km, mb4.4/12, Error ellipse: s-maj=23.3km s-min=15.8km az=38.0

IDC 28 01:21:59.4:1.0,37.29S:94.61W,h0km,mb4.0/6, mbmp4.0/6,MS4.2/38, Error ellipse: s-maj=42.3km s-min=25.7km az=89.0

GCMT 28 01:22:02.0:2.37:31S:0.0:194.70W:0.0:1,h10km, n69, MWs:1/45, Moment Tensor Solution. s85, c1187, s145,c225; Duration: 0 Moment tensor: Scale: 1016Nm; Mw=0.27±.12; Mw=0.31±.11; Mw=0.57±.11; Mw=0.57±.25; Mw=0.52±.10; Mw=0.68±.25; Best double couple: 1.75, 78000*10¹⁶ NP1±92.00000*, 884.00000*, 1.75, 000000*. NP2±183.00000*, 885.00000*, 1.6, 000000*. Principal axes: T: 5.9760, P1g8.00000*, Azm47.00000*; N: -0.3910, P1g82.00000*, Azm224.00000*; P: -5.5850, P1g0.00000*, Azm317.00000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 28 01:22:00.6:0.9,37.2S:0.1:94.5W:0.0:1,h10km, n69, e163.19,mb4.3/11, MS4.2/38, West Chile Rise

Code	Station Name	Δ°	AZ°	Phase ID	Time h:m:s	Res ISC
H03S2	Juan Fernandez	13.10	80	T	01 39 09.0	
H03S1	Juan Fernandez	13.12	80	T	01 39 08.9	
H03S3	Juan Fernandez	13.12	80	T	01 39 11.2	
H03N2	Juan Fernandez	13.23	78	T	01 39 09.1	
H03N3	Juan Fernandez	13.24	78	T	01 39 11.7	
H03N1	Juan Fernandez	13.25	78	T	01 39 14.8	
RPN	Rapa Nui	16.11	304	LR	01 29 16.2	
GO05	Huala	18.34	90	P	01 26 17.6 +2.5	
PLCA	Paso Flores	18.90	108	LR	01 31 51.8	
PLCA	comp=2.490nm,20.6s	baz=274,slow=31				
MT09	Talagante	19.41	87	P	01 26 29.2 +1.0	
CO02	Combarbal	20.29	80	P	01 26 37.3 +0.7	
CO01	Juntas del Tor	21.52	77	P	01 26 51.6 +1.6	
CO01	comp=2.2,1nm,1.2s	Iamb	Iamb	01 26 58.1		
AC02	Maricunga	23.79	71	P	01 27 12.9 -1.1	
AC02	comp=2.1,3nm,1.2s	Iamb	Iamb	01 27 18.2		
USHA	Ushuala	24.99	143	LR	01 35 01.2	
USHA	comp=2.852nm,21.8s	baz=306,slow=31				
LVC	Limon Verde	26.41	64	LR	01 35 29.4	
LVC	comp=2.613nm,19.6s	baz=238,slow=30				
LVC	Limon Verde	26.41	64	P	01 27 36.2 -1.7	
LVC	comp=2.12nm,1.2s	Iamb	Iamb	01 27 39.6		
NNA	Nana	29.71	37	LR	01 36 53.5	
NNA	comp=2.954nm,20.2s	baz=224,slow=30				
LPAZ	La Paz	31.26	55	P	01 28 22.5 +1.1	
LPAZ	comp=2.2,4nm,0.8s	baz=199,slow=6.3,SNR=10				
LPAZ	La Paz	31.26	55	P	01 28 18.8 -2.5	
LPAZ	comp=2.2,4nm,0.8s	Iamb	Iamb	01 28 22.7		
PMSA	Palmer Station	32.92	156	LR	01 38 12.9	
PMSA	comp=2.272nm,18.5s	baz=301,slow=30				
CPUP	Viih Hordre	32.20	92	LR	01 39 52.6	
CPUP	comp=2.304nm,20.6s	baz=249,slow=32				
ATAH	Atahualpa	33.35	30	LR	01 38 55.6	
ATAH	comp=2.851nm,20.3s	baz=221,slow=30				
SIV	San Ignacio	36.31	63	LR	01 41 56.1	
SIV	comp=2.837nm,21.9s	baz=264,slow=33				
ETMB	Extrema	37.35	50	P	01 29 10.3 -3.1	
ETMB	comp=2.7,5nm,1.3s	Iamb	Iamb	01 29 13.7		
ROSC	Ei Rosal	45.89	29	LR	01 47 33.3	
ROSC	comp=2.442nm,18.4s	baz=238,slow=33				
TAOE	Nuku Hiva Isla	49.98	293	S	01 37 34.4 -3.2	
TAOE	comp=2.198nm,26.7s	eLR	eLR	01 44 43.9		
SDV	Santo Domingo	51.03	31	LR	01 50 36.3	
SDV	comp=2.522nm,21.6s	baz=215,slow=34				
PPT2	Papeete2	51.95	276	eLR	01 45 35.9	
PPT2	comp=2.325nm,27.5s	eLR	eLR	01 45 36.0		
PPT2	Papeete	51.96	277	LR	01 46 56.2	
PPT2	comp=2.170nm,20.3s	baz=228,slow=29				
QSPA	South Pole Qui	52.98	180	LR	01 50 00.3	
QSPA	comp=2.234nm,20.2s	baz=119,slow=32				
QSPA	South Pole Qui	52.98	180	P	01 51 11.9 -5.3	
VNA3	Neumayer Olymp	53.59	156	P	01 51 21.6 +0.3	
CMIG	Matias Romero	54.04	360	LR	01 43 39.6	
CMIG	comp=2.278nm,21.1s	baz=278,slow=33				
VNA1	Neumayer-Stat	54.14	156	P	01 51 23.4 -1.9	
VNA2	Neumayer-Watz	54.37	156	P	01 51 19.6 -7.5	
VNA2	comp=2.292,slow=1.0					
SNA4	Sanae	55.63	157	P	01 51 37.6 +1.3	
SNA4	comp=2.1,5nm,0.8s	baz=276,slow=10,SNR=2.8				
SNA4	Sanae	55.63	157	P	01 52 05.5	
SNA4	comp=2.107nm,18.6s	baz=210,slow=32				
SNA4	comp=2.1,5nm,0.8s	Iamb	Iamb	01 52 05.5		
SBA	Scott Base	55.73	195	P	01 51 29.9 -6.9	
VNDA	Vanda	56.83	195	P	01 51 43.9 -0.8	
VNDA	comp=2.1,9nm,1.0s	baz=117,slow=5.5,SNR=3.1				
VNDA	Vanda	56.83	195	P	01 51 03.2	
TROLL	Troll, Antarti	57.14	158	P	01 51 48.1 +1.0	
MDP	Montagnes des	57.38	52	LR	01 54 01.3	
RAR	Rarotonga	58.14	266	LR	01 49 28.4	
RAR	comp=2.106nm,21.3s	baz=160,slow=28				
SJG	San Juan	61.19	31	LR	01 57 42.6	
SJG	comp=2.134nm,18.9s	baz=254,slow=35				
RCBR	Riachuelo	61.75	17	LR	01 58 03.1	
RCBR	comp=2.352nm,19.0s	baz=20,slow=35				

TXAR	Lajitas Array 66.79 351	P	P	01 52 34.1 +1.8
TXAR	comp=2.1,4nm,1.1s	baz=115,slow=3.3,SNR=7.0		
URZ	Urewera 67.11 239	LR	LR	01 54 35.6
TUWZ	Tuamarina 67.63 234	P	P	01 52 48.2 -9.4
RAO	Raoul Island 68.13 249	LR	LR	01 54 15.3
RPZ	Rata Peaks 68.30 231	LR	LR	01 54 37.0
TKL	Tuckaleehoe Ck 73.21 9	LR	LR	02 02 27.3
PFO	Pinyon Flats 0 73.41 341	LR	LR	01 58 45.7
MAW	Mawson 74.07 171	LR	LR	02 03 50.7
LCMT	Little Creek Mt 75.90 345	P	P	01 33 37.8 -9.5
LCMT	comp=2.2,4nm,0.7s	Iamb	Iamb	01 33 48.5
MSVF	Nonsauv 77.54 257	LR	LR	02 02 48.2
MSVF	comp=2.177nm,19.8s	baz=39,slow=32		
NVNR	Nina Array Bea 78.45 341	P	P	01 34 02.1 +0.4
NVNR	comp=2.1,2nm,1.0s	baz=183,slow=6.3,SNR=4.7		
NVNR	Nina Array Bea 78.45	LR	LR	02 01 23.2
PDAR	Pinedale Array 80.81 349	P	P	01 34 14.1 -0.3
PDAR	comp=2.1,8nm,1.1s	baz=172,slow=7.2,SNR=5.1		
DZM	Mont Dzumak 83.79 247	LR	LR	02 02 10.0
DZM	comp=2.224nm,21.4s	baz=46,slow=29		
DZM	Mont Dzumak 83.79 247	eLR	eLR	02 00 13.1
SUR	Sutherland 88.12 130	LR	LR	02 08 01.7
SUR	comp=2.93nm,18.6s	baz=192,slow=31		
BOSA	Boshof 93.48 130	LR	LR	02 10 47.9
BOSA	comp=2.106nm,20.1s	baz=202,slow=31		
STKA	Stephens Creek 93.56 225	LR	LR	02 10 36.4
STKA	comp=2.16nm,18.9s	baz=112,slow=31		
DBIK	Dimbokro 93.88 84	LR	LR	02 12 58.7
DBIK	comp=2.85nm,20.9s	baz=240,slow=33		
BBB	Bella Bella 93.78 340	LR	LR	02 09 54.8
BBB	comp=2.15nm,22.0s	baz=149,slow=31		
SCHO	Schefferville 94.73 16	LR	LR	02 14 45.5
SCHO	comp=2.60nm,20.8s	baz=196,slow=33		
LBTB	Lobatos 96.27 128	LR	LR	02 14 36.2
LBTB	comp=2.59nm,18.2s	baz=213,slow=33		
H01W1	Cape Leeuwin H 103.45 204	T	T	03 32 12.5
H01W1	comp=2.154,slow=75,SNR=12			
H01W2	Cape Leeuwin H 103.46 204	T	T	03 32 10.3
H01W2	comp=2.154,slow=75,SNR=15			
H01W3	Cape Leeuwin H 103.47 204	T	T	03 32 05.7
H01W3	comp=2.154,slow=75,SNR=15			
KBZ	Khabaz 147.21 65	PKPbc	PKPbc	01 41 43.6 -0.2
KBZ	comp=2.1,2nm,0.8s	baz=270,slow=5.1,SNR=2.7		

IDC 28 01:23:28.6:1.3,50.07S:119.96E,h0km,mb4.1/5, mbmp4.1/5,MS3.6/6, Error ellipse: s-maj=49.2km s-min=25.5km az=92.0

ISC 28 01:23:30.0:1.4,50.15S:0.2:120.0E:0.4,h10km,n13, o42/7,mb4.0/5,MS3.5/6, Western Indian-Antarctic Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time h:m:s	Res ISC
H01W2	Cape Leeuwin H	103.45	204	T	01 43 16.7	
H01W1	Cape Leeuwin H	103.45	204	T	01 43 16.9	
H01W3	Cape Leeuwin H	103.46	204	T	01 43 17.8	
STKA	Stephens Creek	24.28	50	P	01 28 47.7 +0.3	
STKA	comp=2.30nm,18.6s	baz=202,slow=34				
ASAR	Alice Springs	28.52	28	P	01 29 25.8 +0.1	
ASAR	comp=2.224nm,21.8s	baz=167,slow=33				
VNDA	Vanda	31.70	164	P	01 29 53.4 +0.2	
VNDA	comp=2.15nm,0.8s	baz=306,slow=8.1,SNR=7.1				
WRA	Warramunga Arr	32.16	26	P	01 29 57.7 -0.2	
WRA	comp=2.72nm,20.6s	baz=238,slow=34				
MAW	Mawson	32.81	216	LR	01 40 04.8	
MAW	comp=2.100nm,21.7s	baz=58,slow=30				
DAV	Davco City (W)	57.12	7	LR	01 58 50.4	
DAV	comp=2.192s,slow=37					
CMAR	Chiang Mai Arr	70.73	339	P	01 3	

28d 2h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BERG Berg Lake, WASW Wrangell South, SUCK Sucking Hills, etc.

2016 JUL

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, etc.

1534

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like C24K Franklin Bluff, N16K Nishik Lake, C23K Itkillik River, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, h m s, ISC. Includes stations like ASAK Asacha, MTRV Mutnovka, RUS Russkaya, etc.

NEIC 28 03:39:52.71.3, 6.11S:0:10.148.3E:0.2, h73km, 10km, mb4.2/10, Error ellipse: s-maj=26.8km s-min=12.4km az=106.0

ICC 28 03:39:53.54.8, 6.51S:148.82E, h103km, 46km, mb3.5/3, mbmp3.9/5, MS3.2/2, Error ellipse: s-maj=88.0km s-min=33.4km az=133.0

ISC 28 03:39:51.31.2, 6.15S:0:1.148.3E:0.2, h65km, n20, a0557/19, mb4.2/5, New Britain region

Main table for 28d 4h, listing station data and event information for the first section.

NEIC 28 03:40:12.91.7, 3.0S:0:1.103.0E:0.1, h188km, 8km, mb4.3/15, Error ellipse: s-maj=21.3km s-min=13.4km az=52.0

DJA 28 03:40:12.70.6, 6.3S:7.10.3E, h223km, 9km, M4.2/13, mb4.1/4, mB5.0/2, MLv4.3/13, Mw(mB)4.3/2

ICC 28 03:40:13.45.6, 3.11S:102.96E, h197km, 52km, mb3.6/15, mbmp4.1/15, MS3.6/1, Error ellipse: s-maj=21.7km s-min=12.0km az=61.0

ISC 28 03:40:13.50.5, 3.17S:0:08.102.92E:0.08, h200km, n52, a1914/55, mb4.1/22, Southern Sumatera

Main table for 28d 4h, listing station data and event information for the second section.

Table listing station data for the 2016 JUL section, including stations like ABKAR Akbulak array, KBZ Khabaz, MATP Matopo, etc.

ISK 28 03:59:48.3, 38.56N:39.57E, h13km, ML2.7/8, DDA 28 03:59:50.1, 0.0, 38.60N:39.69E, h7km, 4km, ML2.4, ISC 28 03:59:49.7, 1.1, 38.60N:0.03:39.65E:0.03, h14km, 10km, n17, a1214/25, Turkey

Main table for 2016 JUL, listing station data and event information for the first section.

SOME 28 04:18:06.8, 39.38N:73.45E, h10km, KRNET 28 04:18:07.02.0, 1.39:48N:73.62E, mb3.9, NNC 28 04:18:10.9, 2.2, 39:50N:73:42E, h0km, mb4.0, mpv3.7

Error ellipse: s-maj=17.9km s-min=9.5km az=166.0, ISC 28 04:18:06.3, 1.1, 39.34N:0.05:73.48E:0.03, h10km, n47, a2949/77, 16C-17D, Tajikistan-Xinjiang border region

Main table for 2016 JUL, listing station data and event information for the second section.

Main table for 1536, listing station data and event information for the first section.

SJA 28 04:31:53.50.6, 23:06S:66:56W, h241km, 4km, ML4.0, MW3.8, GUC 28 04:31:56.70.6, 23:06S:66:97W, h254km, 10km, ML4.2

NEIC 28 04:31:56.21.4, 23:08S:0:08.66:7W:0.1, h227km, 9km, mb4.1/4, ML4.2(GUC), Error ellipse: s-maj=15.7km s-min=10.4km az=116.0

ICC 28 04:31:57.2, 1.4, 22:87S:66:48W, h216km, 14km, mb3.3/4, mbmp4.0/9, Error ellipse: s-maj=21.0km s-min=18.3km az=152.0

ISC 28 04:31:56.0:0.7, 23:06S:0:04:66:66W:0.04, h222km, 6km, n76, a1954/114, mb4.0/6, 13C-1D, Juyai Province

Main table for 1536, listing station data and event information for the second section.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and additional parameters.

AZER 28 06:05:07.82, 5.42, 90N, 39.64E, h10km, Error ellipse: s-maj=48.0km s-min=17.5km az=17.0

MCSM 28 06:05:15.0, 0.0, 43N, 5.41E, h8km, km, mb4.4

Table with columns: Code, Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and additional parameters.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and additional parameters.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and additional parameters.

Table of astronomical observations for 28 days, 6 hours. Columns include station name, station ID, phase, time, and residual. Includes stations like KURBB, MKAR, ZALV, SFJD, DLBC, etc.

Table of astronomical observations for 28 days, 6 hours. Columns include station name, station ID, phase, time, and residual. Includes stations like H46RU, ZAAO, ZALV, ZALV, KURK, KURK, KURBB, etc.

Table of astronomical observations for 28 days, 6 hours. Columns include station name, station ID, phase, time, and residual. Includes stations like MLNR, SUTB, NDHM, COSM, CPMH, etc.

1541

comp=2.5,2nm,0.7s,baz=0.6,slo=1.1,SNR=6.5
ESDC Sonseca Array 153.27 344 PKPab PKPab 07 10 13.0 +2.0

TORD Torodi Ar. Bea 165.56 268 PKPab PKPab 07 11 05.2 0.0

IDC 28 07:00:10.4.2.9,53'61N:87.79E,h0km,mbtmp3.0/2, ML2.7/2,Error ellipse: s-maj=24.4km s-min=17.1km az=52.0,Southwestern Siberia

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

MKAR Mikanchi Array 7.68 210 Pn Pn 07 02 04.6 +1.2
MKAR 0.2nm,0.3s,baz=30,slo=14,SNR=6.1

IDC 28 07:51:13.3.5.4,13'66Sx171.07E,h554km,82km,mb2.8/4, mtmp3.8/5,Error ellipse: s-maj=106.8km s-min=36.4km az=149.0, Vanuatu Islands region

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

GUC 28 07:58:04.5.0.7,23'61S:68.86W,h111km,4km,ML3.7
IDC 28 07:58:04.8.2.1,23'60S:68.60W,h106km,14km,mb3.4/5, mbtmp3.6/8,Error ellipse: s-maj=38.3km s-min=21.5km az=18.0

ISIC 28 07:58:03.0.3.0,23'69S:0.004:68.77W,0.06,h103km,7km, n29,r1929/40,mb3.6/5,9C-2D,Northern Chile

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

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

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

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

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

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

IDC 28 08:04:40.7.6.8,5'38S:148.81E,h103km,47km,mb3.5/4, mbtmp3.9/5,Error ellipse: s-maj=63.2km s-min=47.8km az=99.0

ISIC 28 08:04:41.2.2.5,5'35S:0.2:148.6E,0.5,h100km,n6, r1417,mb3.8/3,New Britain region

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

VIE 28 08:06:06.9.0.4,50'54N:14.07E,h0km,mb2.1/5,ml2.6/7, Error ellipse: s-maj=3.1km s-min=2.4km az=179.0 59 km NNW of Praha Suspected Mining induced.

ISIC 28 08:06:07.2.4.50,55N:0.08:14.14E,0.10,h0km,n11,

2016 JUL

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

SOME 28 08:13:49.4.42'55N:78'73E,h10km
NIN 28 08:13:49.9.0.7,42'52N:78'77E,h0km,mb4.2,mpv4.0, Error ellipse: s-maj=5.6km s-min=2.1km az=163.0

KRNET 28 08:13:49.9.0.1,42'48N:78'76E,h19km,mb4.0
ISIC 28 08:13:49.1.1.1,32'58N:0.004:78.68E,0.03,h2km,10km, n63,r1910/13,21C-2ZD,Lake Issyk-Kul region

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

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

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

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

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

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

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

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

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

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

28d 8h

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

KRSC 28 08:14:37.0.1.2,49'31N:155.44E,h229km,10km,ML3.6, Kuril Islands

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

IDC 28 08:31:51.9.2.1,17'28N:61.02W,h0km,mb3.6/5, mbtmp3.6/5,MS3.0/3,Error ellipse: s-maj=68.2km s-min=10.5km az=80.0

TRN 28 08:31:54.3.3.1,17'11N:61.12W,h17km,MD4.2
ISIC 28 08:31:54.6.2.4,17'17N:0.04:61.01W,0.06,h17km,14km, n43,r072/59,mb3.5/5,1D,Leeward Islands

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

comp=Z,1.2nm,0.8s
I37NO I37NO 8.93 330 i
baze=140,slow=319,SNR=4

UPA 28 10:24:15.5:0.6,9.29'N:78.97'W,h66km,2km,MD4.0,
ML4.1,MW4.0
ISC 28 10:24:15.2:1.3,9.27'N:0.06:78.97'W:0.02,h69km,2.7km,
n38,r1504/65,2C-18D,Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like CANTAS, CHPO, UPA, etc.

MDD 28 10:25:27.7:0.7,35.59'N:3.80'W,h0km,mb_Lg2.5/10,
Error ellipse: s-maj=4.7km s-min=3.6km az=17.0
SFS 28 10:25:27.0,35.40'N:3.80'W,h31km,ML2.7,ALBORAN
SUR

CNRM 28 10:25:28.9,35.47'N:3.84'W,h18km,ml2.7
INMG 28 10:25:31.3:1.5,35.54'N:3.63'W,h31km,ML2.3,Error
ellipse: s-maj=4.1km s-min=3.4km az=81.0
IGIL 28 10:25:32.1,35.41'N:3.85'W,h30km,ML2.1
ISC 28 10:25:27.9:1.0,35.50'N:0.02:3.80'W:0.02,h15km,8km,
n34,r1555/66,Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like PALE, GOG, WMEI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like EADA, MD31, MD31, etc.

SKHL 28 10:34:03.0:0.48,20'N:153.30'E,h131km,4km,mb4.9/6,
msh5.74
MOS 28 10:34:03.1:1.9,48.29'N:153.16'E,h166km,mb4.2/1,Error
ellipse: s-maj=24.3km s-min=10.7km az=61.8
IDC 28 10:34:06.7:2.8,48.53'N:152.93'E,h180km,29km,mb3.1/5,
mbmp3.6/8,Error ellipse: s-maj=33.5km s-min=19.1km
az=148.0
JMA 28 10:34:06.3:0.8,47.1'N:15.4'E,h164km,MV3.4/12,
KURILE ISLANDS REGION

ISC 28 10:34:03.1:0.8,48.18'N:0.10:153.1'E:0.1,h150km,n39,
c276/45,mb3.4/5,2C,Kuri Islands

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

SHO SHIKOTAN 6.15 228 i Pn
Shikotan 6.15 228 i Pn
comp=N,15nm,0.2s

SHO SHO 6.15 228 i Pn
Sho 6.15 228 i Pn
comp=N,9.0nm,0.2s

SHO SHO 6.15 228 i Pn
Sho 6.15 228 i Pn
comp=E,30nm,0.2s

SHO SHO 6.15 228 i Pn
Sho 6.15 228 i Pn
comp=E,100nm,0.6s

YUK YUK 6.54 233 ePn Pn
Yuzh-Kuril's 6.54 233 ePn Pn
comp=N,51nm,0.2s

YUK YUK 6.54 233 ePn Pn
Yuzh-Kuril's 6.54 233 ePn Pn
comp=Z,82nm,0.2s

YUK YUK 6.54 233 ePn Pn
Yuzh-Kuril's 6.54 233 ePn Pn
comp=Z,80nm,0.2s

YUK YUK 6.54 233 ePn Pn
Yuzh-Kuril's 6.54 233 ePn Pn
comp=Z,40nm,0.4s

JNK JNK 7.46 235 ePn Pn
Nakash 7.46 235 ePn Pn
Abashiri-Toko 7.46 235 ePn Pn

JNK JNK 7.46 235 ePn Pn
Nakash 7.46 235 ePn Pn
Abashiri-Toko 7.46 235 ePn Pn

JNK JNK 7.46 235 ePn Pn
Nakash 7.46 235 ePn Pn
Abashiri-Toko 7.46 235 ePn Pn

JNK JNK 7.46 235 ePn Pn
Nakash 7.46 235 ePn Pn
Abashiri-Toko 7.46 235 ePn Pn

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like H11S1, H11S3, H11S2, etc.

IDC 28 11:08:02.5:0.8,23.47'N:98.95'E,h0km,mb3.8/9,
mbmp3.8/10,ML3.5/1,MS3.0/3,Error ellipse:
s-maj=36.3km s-min=14.0km az=7.0
ISC 28 11:08:03.0:0.7,23.35'N:0.06:98.81'E:0.10,h10km,n15,
c1832/15,mb3.8/9,MS2.9/3,1C,Myanmar-China border
region

Code Station Name Azimuth Phase ID Time Res ISC
KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

KMI Kunming 4.00 63 i Pn
KMI Kunming 4.00 63 i Pn
comp=N,340nm,0.8s

28d 12h

Table of astronomical observations for 28d 12h, listing station names (e.g., KTK1, STOK, ARAO), station IDs, coordinates, and observation times.

2016 JUL

Main table of astronomical observations for July 2016, listing station names (e.g., SADO, BBB, TKL), station IDs, coordinates, and observation times.

1544

Table of astronomical observations for 1544, listing station names (e.g., JAG, JNBK, BSO1), station IDs, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Billa, Gaotai, Tiksi, Davao City, etc.

IDC 28 13:07:59.0, 5.6, 23.35S, 179.96W, h536km, 56km, mb3.0/5, mbtmp3.9/6, Error ellipse: s-maj=11.5km s-min=26.0km az=154.0

ISC 28 13:07:58.5-1.7, 23.4S, 0.3x:179.9W, 0.2, h532km, n6, az=57.6, mb3.6/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSFV, STKA, ASAR, WRA, FITZ, TXAR.

IDC 28 13:25:28.2, 6.1, 6.25S, 133.72E, h0km, mb3.5/1, mbtmp3.2/3, ML3.0/2, Error ellipse: s-maj=347.2km s-min=34.0km az=78.0, Aru Islands region

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

IDC 28 13:27:42.1, 1.6, 42.39N, 15.78E, h0km, mb3.5/3, mbtmp3.5/4, ML3.6/4, MS2.9/7, Error ellipse: s-maj=36.7km s-min=16.3km az=80.0

PDG 28 13:27:43.2, 0.5, 42.30N, 15.90E, h11km, 1km, ML3.0/13, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0

ROM 28 13:27:43.5, 0.2, 42.30N, 0.01:15.88E, 0.02, h7km, ML3.5/48, Error ellipse: s-maj=1.6km s-min=1.0km az=306.0

PRU 28 13:27:44.5, 0.0, 42.40N, 15.90E, h0km, BEO 28 13:27:46.0, 0.7, 42.40N, 16.04E, h0km, ML3.3/8

ISC 28 13:27:43.4, 1.0, 42.34N, 0.02:15.85E, 0.02, h8km, 8km, n183, s1929/216, 3C-4D, Adriatic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TREM, SGR, APRC, MELA, LSTV, etc.

IDC 28 13:07:59.0, 5.6, 23.35S, 179.96W, h536km, 56km, mb3.0/5, mbtmp3.9/6, Error ellipse: s-maj=11.5km s-min=26.0km az=154.0

ISC 28 13:07:58.5-1.7, 23.4S, 0.3x:179.9W, 0.2, h532km, n6, az=57.6, mb3.6/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZIRJ, PES, MRB, VULT, PALZ.

IDC 28 13:07:59.0, 5.6, 23.35S, 179.96W, h536km, 56km, mb3.0/5, mbtmp3.9/6, Error ellipse: s-maj=11.5km s-min=26.0km az=154.0

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

IDC 28 13:27:42.1, 1.6, 42.39N, 15.78E, h0km, mb3.5/3, mbtmp3.5/4, ML3.6/4, MS2.9/7, Error ellipse: s-maj=36.7km s-min=16.3km az=80.0

PDG 28 13:27:43.2, 0.5, 42.30N, 15.90E, h11km, 1km, ML3.0/13, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0

ROM 28 13:27:43.5, 0.2, 42.30N, 0.01:15.88E, 0.02, h7km, ML3.5/48, Error ellipse: s-maj=1.6km s-min=1.0km az=306.0

PRU 28 13:27:44.5, 0.0, 42.40N, 15.90E, h0km, BEO 28 13:27:46.0, 0.7, 42.40N, 16.04E, h0km, ML3.3/8

ISC 28 13:27:43.4, 1.0, 42.34N, 0.02:15.85E, 0.02, h8km, 8km, n183, s1929/216, 3C-4D, Adriatic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VAGA, MORI, AMUR, CERA, TERO, GIGS, etc.

IDC 28 13:07:59.0, 5.6, 23.35S, 179.96W, h536km, 56km, mb3.0/5, mbtmp3.9/6, Error ellipse: s-maj=11.5km s-min=26.0km az=154.0

ISC 28 13:07:58.5-1.7, 23.4S, 0.3x:179.9W, 0.2, h532km, n6, az=57.6, mb3.6/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TREB, RM33, SACH, WIR, SACH, SAGR, LPEL, etc.

IDC 28 13:07:59.0, 5.6, 23.35S, 179.96W, h536km, 56km, mb3.0/5, mbtmp3.9/6, Error ellipse: s-maj=11.5km s-min=26.0km az=154.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GIUL, CSPI, LNNS, FDMO, SIRI, CERT, etc.

IDC 28 13:27:42.1, 1.6, 42.39N, 15.78E, h0km, mb3.5/3, mbtmp3.5/4, ML3.6/4, MS2.9/7, Error ellipse: s-maj=36.7km s-min=16.3km az=80.0

PDG 28 13:27:43.2, 0.5, 42.30N, 15.90E, h11km, 1km, ML3.0/13, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0

ROM 28 13:27:43.5, 0.2, 42.30N, 0.01:15.88E, 0.02, h7km, ML3.5/48, Error ellipse: s-maj=1.6km s-min=1.0km az=306.0

PRU 28 13:27:44.5, 0.0, 42.40N, 15.90E, h0km, BEO 28 13:27:46.0, 0.7, 42.40N, 16.04E, h0km, ML3.3/8

ISC 28 13:27:43.4, 1.0, 42.34N, 0.02:15.85E, 0.02, h8km, 8km, n183, s1929/216, 3C-4D, Adriatic Sea

28d 14h

Table with columns for station codes, names, coordinates, and time offsets. Includes stations like SRES, DRME, PDG, RABC, etc.

2016 JUL

Main table with columns for station codes, names, coordinates, and time offsets. Includes stations like KEF3, THL, VLS, etc.

1546

Table with columns for station codes, names, coordinates, and time offsets. Includes stations like ASAR, FITZ, WRA, etc.

1547

Table with columns: TWT, 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 Tachien, Techii, TDCB, SXI1, CHGB, NWF, TWA, NHDH, OWD, WUSB, TAP, HGSD, NFF, VWDT, YM01, EHY, TWS1, WHP, LIOB, NSTT, NTST, NCU, NCUH, WCS, YULB, TWY, EYUL, SSLB, SBCB, SMLT, HSN, TYC, TQW1, TQW2, NMLH, NSY, WHYT, FULB, YUS, YUS, TCU, WJS, WJS, WDJ, WDJ, WNT, PCYT, PCYT.

2016 JUL

Table with columns: ALS, 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 Alishan, WCHH, ELDTW, CHNS, EDH, IRIF, WDLH, LONT, LONT, STYH, STYH, WRL, TPUB, TPUB, CHN2, LDUT, LDUT, WTK, WTK, WTP, WTP, CHY, CHY, JKRS, JKRS, TWK, TWK, CHN1, CHN1, SNST, SNST, SGST, SGST, SGST, SGST, WSF, WSF, JIJ, JIJ, WSL, WSL, ICHU, ICHU, ICHU, ICHU, CHN8, CHN8, SCST, SCST, SCST, SCST, SSD, SSD, SHHT, SHHT, TSMG, TSMG, TSMG, TSMG, MASBT, MASBT, MASBT, MASBT, EAST, EAST, EAST, EAST, TAWH, TAWH, SSPT, SSPT, SSPT, SSPT, SCZT, SCZT, SCZT, SCZT, SLIU, SLIU, SLIU, SLIU, SLIU, SLIU, PNG, PNG, PNG, PNG, PHUB, PHUB, PHUB, PHUB, WDGJ, WDGJ, WDGJ, WDGJ, VVUC, VVUC, VVUC, VVUC, VCHM, VCHM, VCHM, VCHM, MATB, MATB, MATB, MATB, JMJJ, JMJJ, LYJJ, LYJJ, LYJJ, LYJJ, XPSS, XPSS, XPSS, XPSS, MHZO, MHZO.

28d 15h

Table with columns: MHZO, 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 Kinmen, Chin-men Tao, Jialang, Ao Xicun, Fitzyr Crossi, Warramunga Arr, Alice Springs, Makanchi Array, Akamas, CSNet OBS 1, ALEFA, SZAC, SZAC, ASGA, ASGA, ASGA, ASGA, CSS, CSS, CSS, OSCC, LFK, TEKE, BERE, AKKU, TEVE, IKL, CAME, Sarmi, Genyem, Serui, Papua, Fak Fak, Warramunga Arr, Fitzzyr Crossi, Alice Springs, Makanchi Array, Palemas, Palemas, Mont Gurugu, Mont Gurugu.

Table with columns: Call sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like WHP Taichung City, YULB Yu-Ii, WCS Beiang Elemen, etc.

MOS 28 15:44:21.8, 1.6, 16.94Sx172.64W, h13km, mb5.1/17, Error ellipse: s-maj=11.9km s-min=10.6km az=145.8, IDC 28 15:44:22.0, 0.5, 16.81Sx172.88W, h0km, mb4.4/16, ...

Table with columns: Code, Station Name, A1, A2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their technical parameters.

Main table with columns: Call sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like QRZ Quartz Range, WKZ Wanua, TAOE Nuku Hiva Isla, etc.

Table with columns: Call sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like MORW Morawa, JHJ2 Mitsune, TOL12 Tolitoi, etc.

2016 Jul

2016 JUL

1552

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like EREN, KEMA, BLDI, CAMRD, YAHY, MMLI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ALN, Alexandroupoli, TIRR, TIRX, RAYN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MNK, Minsk, MODS, RONA, OKC, AQU, etc.

28d 16h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical parameters. Includes entries like KEST, FETA, KIRV, etc.

2016 JUL

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical parameters. Includes entries like MK31, MKAR, MKAR, etc.

1554

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical parameters. Includes entries like BILL, MA2, JOW, etc.

ISK 28 16:17:27.9, 38'16N-23'03E, h17km, ML3.5/8
THE 28 16:17:29.6, 38'18N-22'96E, h10km, ML3.9/13, Error
ellipse: s-maj=1.0km s-min=0.3km az=187.0

Table of seismic events with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC. Includes events like KRND, EFF, AGG, etc.

Main table of seismic events with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC. Includes events like F36A, SPMM, AGMN, etc.

Table of seismic events with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC. Includes events like ARAO, ARCES, ARCES Array B, etc.

NEIC 28 17:33.6:1.5, 47.51N;02:05:92.51W, h0km, mb3.0/0.2m, ML2.6/1.7, Error ellipse: s-maj=9.9km s-min=8.2km az=62.0

DJA 28 16:38:36.6:0.3, 10.0'S;3'11.9'E, h1km, M4.1/1.7, mb4.2/4.0, MLV4.0/1.7

NEIC 28 17:16:56.1:1.9, 23.45S;01:17.179E;0.07, h557km;11km, mb4.7/2.7, Error ellipse: s-maj=17.4km s-min=9.0km az=185.0

28d 18h

2016 JUL

1556

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include NUBE Las Nubes, BOQS Boqueron, SCLA Alcaidía de Sa, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include PV11 David Mesa, MOOV Moose Ponds, PV07 Paradox Valley, etc.

NEIC 28 18:07:57.3±1.6, 28:34S±0.06; 175:9W±0.1, h10km±2km, mb4.0/7, Error ellipse: s-maj=22.0km s-min=5.9km

IDC 28 18:30:00.0±1.0, 27:39S±176:89W, h0km, mb4.0/8, mbmp4.0/9, ML4.3/1, MS3.7/20, Error ellipse: s-maj=29.8km s-min=20.0km az=107.0

ISC 28 18:29:57.4±0.8, 28:33S±0.1; 176:0W±0.1, h10km, n49, i144/26, mb4.2/11, MS3.8/16, Kermadec Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include RAO Raoul Island, RAO RAO, RAO RAO, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include NB2 NORSAR Subarray, NOA NORSAR Array, AKASA Main Array, etc.

IDC 28 18:36:53.6±4.0, 13:87N±120:84E, h231km±42km, mb3.5/3, mbmp4.1/4, Error ellipse: s-maj=16.7km s-min=10.2km az=71.0

NEIC 28 18:36:55.2±1.7, 13:97N±120:8E±0.1, h249km±10km, mb4.4/9, Error ellipse: s-maj=18.1km s-min=4.5km az=6.0

MAN 28 18:36:56; 13:97N±120:64E, h232km, Ms4.1

ISC 28 18:36:54.6±0.5, 13:93N±120:68E±0.05, h242km±5km, n113, i1972/126, mb4.2/41, 19C-2D, Mindowro

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include TGY Tagaytay City, MACP Maragondon, Ca, LUBP Lubang, etc.

28d 19h

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, and other parameters. Includes stations like GLI Glacier Island, TRF Thorofare Moun, BPAW Bear Paw Mtn, etc.

2016 JUL

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, and other parameters. Includes stations like BBB Bella Bella, T35M Bob Quinn, R33M Jennings River, etc.

1558

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, and other parameters. Includes stations like AKTO Aktyubinsk, TROLL Troll, BOSHA Boshof, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CCB Clear Creek Bu, IMAR Indian Mountain, PDAR Pinedale Array, etc.

IDC 28/20:00:2.2, 1.2, 6.32N; 123.63E, h612km, 25km, k6.0/0.7, mbmp3.1/7, Error ellipse: s-maj=66.6km s-min=9.7km az=63.0

ISC 28/20:00:22.3, 0.9, 6.6N; 0.2, 124.0E; 0.3, h600km, n9, a=1508/13, mb3.8/7, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KCP Kidapawan, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

NEIC 28/20:13:20.0, 1.7, 3.5; 68N; 0.0; 121.1; 17W; 0.0; 2, h5km, 1km, Error ellipse: s-maj=3.2km s-min=2.9km az=56.0

ANF 28/20:13:20.0, 1.6, 3.5; 59N; 121.1; 15W; h15km, 10km, ML3.2/6, Error ellipse: s-maj=1.9km s-min=9.1km az=140.0

NCEDC 28/20:13:20.6, 1.7, 3.5; 68N; 0.0; 121.1; 12W; 0.0; 2, h6km, 5km, ML3.2/27, ML2.9/64(NEIC), Error ellipse: s-maj=2.8km s-min=1.9km az=66.0

IDC 28/20:13:21.1, 2.2, 3.5; 67N; 121.1; 14W, h0km, mb3.4/1, mbmp3.2/4, ML3.8/2, Error ellipse: s-maj=26.4km s-min=14.8km az=87.0

ISC 28/20:13:20.0, 0.9, 3.5; 67N; 0.0; 121.1; 17W; 0.0; 2, h9km, 6km, n190, a=998/189, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PHCM Hearst Castle, PCBM Cambria, PHSB Hesperia Broad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BSML Silva Ranch, SAO San Andreas Ge, SMC Carrizo Plain, etc.

IDC 28/20:14:16.1, 1.4, 5.3; 10N; 166.77W, h0km, mb3.9/10, mbmp3.8/12, ML2.8/2, MS3.0/6, Error ellipse: s-maj=36.7km s-min=18.1km az=12.0

AEIC 28/20:14:19.1, 5.2; 84N; 0.0; 166.86W; 0.0; 7, h27km, 7km, Error ellipse: s-maj=7.9km s-min=3.8km az=135.0

NEIC 28/20:14:21.4, 1.3, 5.2; 94N; 0.0; 166.97W; 0.0; 7, h39km, 14km, ML3.8/8, ML3.5/25(AEIC), Error ellipse: s-maj=6.2km s-min=4.8km az=151.0

ISC 28/20:14:20.0, 0.6, 8.2; 85N; 0.0; 166.97W; 0.0; 5, h37km, n67, a=119/54, mb4.0/10, MS3.0/6, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BCW Bitter Crk Wrg, HPCM Pacheco Lake, SLD San Luis Dam, etc.

IDC 28/20:14:21.2, 1.4, 5.3; 10N; 166.77W, h0km, mb3.9/10, mbmp3.8/12, ML2.8/2, MS3.0/6, Error ellipse: s-maj=36.7km s-min=18.1km az=12.0

AEIC 28/20:14:19.1, 5.2; 84N; 0.0; 166.86W; 0.0; 7, h27km, 7km, Error ellipse: s-maj=7.9km s-min=3.8km az=135.0

NEIC 28/20:14:21.4, 1.3, 5.2; 94N; 0.0; 166.97W; 0.0; 7, h39km, 14km, ML3.8/8, ML3.5/25(AEIC), Error ellipse: s-maj=6.2km s-min=4.8km az=151.0

ISC 28/20:14:20.0, 0.6, 8.2; 85N; 0.0; 166.97W; 0.0; 5, h37km, n67, a=119/54, mb4.0/10, MS3.0/6, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CKFG Magazine Ridge, OKSO Okmok South, OKSO Okmok Steeple, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PAFH comp=N, 10nm, 3.4s, PFO comp=E, 13nm, 3.3s, PFO comp=E, 0.5nm, 0.3s, etc.

IDC 28/20:14:16.1, 1.4, 5.3; 10N; 166.77W, h0km, mb3.9/10, mbmp3.8/12, ML2.8/2, MS3.0/6, Error ellipse: s-maj=36.7km s-min=18.1km az=12.0

AEIC 28/20:14:19.1, 5.2; 84N; 0.0; 166.86W; 0.0; 7, h27km, 7km, Error ellipse: s-maj=7.9km s-min=3.8km az=135.0

NEIC 28/20:14:21.4, 1.3, 5.2; 94N; 0.0; 166.97W; 0.0; 7, h39km, 14km, ML3.8/8, ML3.5/25(AEIC), Error ellipse: s-maj=6.2km s-min=4.8km az=151.0

ISC 28/20:14:20.0, 0.6, 8.2; 85N; 0.0; 166.97W; 0.0; 5, h37km, n67, a=119/54, mb4.0/10, MS3.0/6, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OKFG Magazine Ridge, OKSO Okmok South, OKSO Okmok Steeple, etc.

Table with columns: AKTO, Alkyubinsk, 70.34 331 P, P, 20 25 30.6 +0.6

DDA 28 20:25:35.0, 3.0, 35°47'N, 26°47'E, h7km, 2km, ML2.7
IDC 28 20:25:36.9, 1.6, 34°83'N, 27°20'E, h0km, mb3.4/4,
mbmp3.3/5, ML2.8/1, MS2.5/1, Error ellipse:
s-maj=207.6km s-min=25.0km az=141.0

Main table for 28d 21h section, listing station names, codes, and coordinates for various seismic events.

Table with columns: GNI, Gani, 15.09 67 LR, LR, 20 35 21.7

THE 28 21:06:55.4, 38°50'N, 21°51'E, h15km, 1km, ML2.1/7, Error
ellipse: s-maj=1.9km s-min=0.8km az=279.0, Greece

Table listing station names like Paravola, Alki, Aigioli, and their associated data.

ATH 28 21:07:36.0, 38°07'N, 22°37'E, h10km, 2km, ML2.3/9, Error
ellipse: s-maj=2.7km s-min=0.6km az=307.0, Greece

Main table for 2016 JUL section, listing station names, codes, and coordinates for various seismic events.

IDC 28 21:20:15.1, 2.3, 6°43'S, 129°46'E, h0km, mb3.5/1,
mbmp3.4/4, ML3.4/3, Error ellipse: s-maj=109.0km
s-min=28.1km az=76.0

Main table for 2016 JUL section, listing station names, codes, and coordinates for various seismic events.

Table with columns: KRVT, Keravat (AS076), 2.89 319 Pn, Pn, 21 36 36.6 -2.1

IDC 28 21:43:40.8, 2.6, 4°28'N, 128°84'E, h0km, mb3.9/5,
mbmp3.9/5, Error ellipse: s-maj=258.5km s-min=18.6km
az=68.0

Main table for 1560 section, listing station names, codes, and coordinates for various seismic events.

BUI 28 21:55:35.7, 0.4, 47°3'N, 149°39'E, h61km, mb5.1/65,
mb4.8/38, Ms4.0/38, Ms7.3/38

Main table for 1560 section, listing station names, codes, and coordinates for various seismic events.

ISC 28 21:55:39.5 0.3, 44.72N, 0.003, 149.07E, 0.003, h58km, 2km, h58km, pP, N, 1289, e1813/1311, mb4.9/397, MS3.7/55, 67C-91D, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Kuril'sk, Shikotan, Yuzh-Kuril'sk, Nemuro, Misakicho, Rausu, Nemuroshibetsu, etc.

Table with columns: UGL, comp, N, μm, 10.0s, MLR, MLR, UGL, Uglegorsk, 6.48 315, eP, AMB, Pn, AMB, 21 57 14.3 +2.2, 21 57 15.7, etc.

Table with columns: USRK, Ussuriysk Ar., 12.22 274, Pn, Pn, 21 58 31.2 +0.6, 21 58 31.2 +0.6, 21 58 36.3 -0.2, etc.

28d 21h

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like BJT, Baijiatau, Biliu, Bilibino, TIA, Nanjing, HNS, HNC, HHC, TIK, ULN, SONM, SSAB, YULB, TPUB, XAN, CHGN, O16K, LZH, L19K, etc.

2016 JUL

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like N19K, Bonanza Creek, K20K, J20K, G21K, H21K, P19K, etc.

1562

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like NRIK, NRIK, D24K, E24K, MDM, KNK, C24K, SML, PWS, etc.

28d 21h

Table with columns for station call letters (FFC, FFL, etc.), frequencies, and transmission parameters. Includes stations like FFC 64.09, FFL 64.09, FFB 64.09, etc.

2016 JUL

Table with columns for station call letters (TPAW, YES, LCH, etc.), frequencies, and transmission parameters. Includes stations like TPAW 67.04, YES 67.04, LCH 67.05, etc.

1564

Table with columns for station call letters (MNSK, MNSK, MNSK, etc.), frequencies, and transmission parameters. Includes stations like MNSK 69.25, MNSK 69.25, MNSK 69.25, etc.

28d 21h

2016 JUL

1566

Table with columns: Station ID, Name, Frequency, Class, Power, Direction, Date/Time, and other parameters. Includes stations like HL1M1, M44A, FNO, HDL, HDL, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, Direction, Date/Time, and other parameters. Includes stations like SKDS, FVM, FVM, Z35A, Z35A, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, Direction, Date/Time, and other parameters. Includes stations like PKME, H62A, Q51A, Q51A, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like BGNE, CCM Cathedral Cave, C31M Cathedral Cave, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like O48B Farmland, P49A Miami Univ. Ec, 319A Douglas, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, TXAR Lajitas Array, MAN 29 02:38:54, etc.

29d 3h

Table listing stations with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC. Includes various station codes like PMTG, PSBE, PESTR, EMIN, etc.

2016 JUL

Table listing stations with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC. Includes various station codes like JIO, JKMT, OFUJ, JMKJ, etc.

1570

Table listing stations with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC. Includes various station codes like SRBI, EDFI, JAGI, etc.

Table with columns: BZD, Buzias, TPGR, DOPR, COVR, CLOR, VRI, OZUR, BURAR. Includes station names, codes, and coordinates.

UCR 29 04:35:55.9: 1.4, 8:87N: 74:93W, h19km, mb4.3(NEIC)
IDC 29 04:36:36.7: 3.5, 9:29N: 77:75W, h61km, 33km, mb3.2/5,
mbtmp3.77, ML3.3/3, MS2.9/7, Error ellipse: s-maj=29.4km
s-min=20.6km az=52.0

RSNC 29 04:36:37.7: 1.1, 9:08N: 77:89W, h70km, 8km, ML3.6,
MW3.8, Fault plane solution: N1p.0.00000°, 828.00000°,
-1.42.00000°.

NEIC 29 04:36:37.6: 1.0, 9:25N: 0:08:77:83W:0.07, h48km, 11km,
mb4.3/5, Error ellipse: s-maj=12.3km s-min=9.0km
az=199.0

UPZ 29 04:36:37.5: 0.7, 9:05N: 77:93W, h18km, 3km, MW3.7
ISC 29 04:36:36.8: 0.7, 9:19N: 0:04:77:85W:0.03, h56km, 8km,
n131, 0773/181, mb3.6/8, MS2.8/5, 13C, Near north coast
of Colombia

Main table for the 2ZD 6h section, listing station codes, names, coordinates, and various data points.

Main table for the 2016 JUL section, listing station codes, names, coordinates, and various data points.

Main table for the 1572 section, listing station codes, names, coordinates, and various data points.

1573

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like KIF, I37NO, FINES, etc.

IDC 29 06:25:57.7-9.2, 6.99S:123.52E, h230km, 81km, mb3.6/1, mbtm4.0/4, Error ellipse: s-maj=125.4km s-min=87.9km az=56.0, Banda 5A

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like FITZ, WRA, ASAR, STKA, etc.

IDC 29 06:53:59.9-2.1, 14.15N:144.64E, h137km, 12km, mb3.4/5, mbtm3.8/5, Error ellipse: s-maj=95.8km s-min=18.6km az=112.0

NEIC 29 06:54:01.5-0.6, 14.11N:01:144.6E:0.2, h140km, 8km, mb4.4/10, Error ellipse: s-maj=28.1km s-min=8.4km az=126.0

ISC 29 06:54:00.8-0.8, 14.11N:01:144.6E:0.2, h144km, n19, r080/20, mb4.3/11, Marianas Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like GUMO, WRA, ASAR, etc.

TEH 29 07:08:15.3, 37.45N-57.45E, h5km, ML3.5, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like BJRD, ISFR, IEMG, etc.

2016 JUL

SSNC 29 07:12:01.4-3.4, 22.58N:70.14W, h120km, 581km, MD3.0, OSPL 29 07:12:03.2-1.8, 21.14N-69.40W, h121km, 164km, ML3.0, Bahamas Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like PCDR, AGPR, AGPR, etc.

SJA 29 07:35:32.8-0.7, 31.72S:71.96W, h32km, 8km, ML4.0, MW4.0

GUC 29 07:35:35.5-0.8, 31.74S:71.63W, h29km, 3km, ML4.0

NEIC 29 07:35:35.4-1.4, 31.73S:0:04:71.86W:0.10, h32km, 7km, mb4.3/4, ML4.0(GUC), Error ellipse: s-maj=12.2km s-min=4.4km az=105.0

IDC 29 07:35:36.4-5.2, 31.72S:71.67W, h36km, 4.7km, mb3.3/3, mbtm3.6/5, ML3.6/2, MS2.8/2, Error ellipse: s-maj=44.1km s-min=34.0km az=36.0

ISC 29 07:35:33.9-0.7, 31.72S:0:02:71.82W:0:04, h22km, 5km, n86, r195/108, mb3.8/4, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like CO02, CO06, VA01, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like ROCH, ROCH, ROCH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like VA05, VA05, VA05, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like CO01, CO01, CO01, etc.

29 06 28h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like G005, G005, AC04, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like PB14, G006, PLCA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like TOR2, TOR2, TOR2, etc.

IDC 29 07:47:47.8-4.3, 33.04N-127.52E, h0km, mb4.1/5, mbtm3.8/5, Error ellipse: s-maj=84.0km s-min=72.5km az=84.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like FITZ, FITZ, FITZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like WRA, ASAR, STKA, etc.

1575

Table of astronomical observations for stations 1575, including columns for station name, coordinates, observation date, and various parameters like pmax, p, and S.

2016 JUL

Main table of astronomical observations for July 2016, listing stations like KSRS, WJG, CMAA, HNS, HNS, HNS, etc., with their respective coordinates and observation data.

29d 8h

Table of astronomical observations for stations 29d 8h, including stations like XLT, XLT, XLT, XLT, XLT, etc., with their coordinates and observation data.

29d 8h

Table with columns for call sign, name, frequency, and other parameters. Includes entries like SONM Songio Array, KAAM Kaadheidhoo, and ZAK Zakamensk.

2016 JUL

Table with columns for call sign, name, frequency, and other parameters. Includes entries like AAK Ala-Archa, AAK Ala-Archa, and AAK Ala-Archa.

1576

Table with columns for call sign, name, frequency, and other parameters. Includes entries like BRVK Borovoye, BRVK Borovoye, and BRVK Borovoye.

29d 9h

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like SRBI Singaraja, TWSI Taliwang, BBKI Banjar Baru, etc.

2016 JUL

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like PZH PanZhiHua, YON Yonaguni jima, STKA Stephens Creek, etc.

1580

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like TIY, JNU JNU, NAWB Namwon, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JRY Ryogami san, JAG Ashikaga, JHO Hitachi, MJAR Matsushiro Arr, etc.

NNC 29:09:34.47.1.2.6.53'48N-90'22'E, h0km, mb3.6, mpv3.3, 9C-3D, Error ellipse: s-maj=20.7km s-min=16.0km az=81.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAA0 Zalesovo Array, ZAA0 17nm, 1.1s, KURK Kurchatov, etc.

IDC 29:09:40:39.5:3.2, 50:30N:27:50'E, h0km, mbtmp3.5/2, ML2.7/1, Error ellipse: s-maj=30.9km s-min=15.2km az=24.0, Baltic States-Belarus-Northern Western Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, AKASG 17nm, 0.3s, FINES FINES Array B, etc.

TAP 29:10:03:48.9, 24:08N:122'92'E, h15km, 2km, ML2.7, D JMA 29:10:03:49.2, 0.1, 24:1N:0:9:122'92'E:0.5, h20km, 3km, MV2.5/9, NW OFF ISHIGAKUJIMA IS

ISC 29:10:03:48.6, 1.2, 24:07N:0.05:122'90'E:0.02, h16km, 8km, n44, c0567/63, Taiwan region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, YOJ baz=10.0, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EHY Hungye, CHGB Renai, OWD Renai, YULB Yu-i, etc.

JMA 29:10:09:01.9, 0.1, 29'N:1'x13'9"E, h513km, MV3.6/23, W OFF OGASAWARA

NEIC 29:10:09:03.9, 1.3, 28:91N:0:09:138:7E:0.1, h484km, 8km, mb4.2/95, Error ellipse: s-maj=15.9km s-min=12.9km az=117.0

IDC 29:10:09:04.0, 0.0, 8:28'90N:138:78E, h487km, 9km, mb3.4/21, mbtmp4.2/28, Error ellipse: s-maj=12.1km s-min=8.6km az=100.0

ISC 29:10:09:04.2, 0.4, 28:88N:0:05:138:81E:0:06, h500km, n182, c1557/193, mb4.1/66, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CJC Chichijima, CJC 147nm, 0.3s, etc.

MAJO Matsushiro 7.66 356 P P 10 10 55.1 -1.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JNU Nakatsue, JNS Saito, JNS Katsutse, etc.

USRK Ussuriysk Ar. 16.23 342 P P 10 12 26.5 -0.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YULB Yu-i, SSSL Suanglung, TPUB Yuzh-Sakhalins, etc.

AMKA Amchitka 37.59 42 P P 10 15 36.7 +1.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TPUB Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

Large table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPM comp=Z, 8.3nm, 0.5s, CLES Cleveland East, TAPN Tapingjung, etc.

1583

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

Station coordinates and parameters:
IDC 29 10:20:01.9-1.6, 107.08S, 160.99E, h126km, 12km, mb3.7/6, mbmp4.1/7, MS2.8/1, Error ellipse: s-maj=26.0km s-min=22.4km az=93.0
NEIC 29 10:20:01.5-1.2, 101.1S, 0.1x161.1E, 0.1, h114km, 11km, mb4.4/12, Error ellipse: s-maj=25.4km s-min=13.9km az=45.0
ISC 29 10:19:59.7-0.8, 10.1S, 0.1x161.2E, 0.1, h100km, n27, s=182/27, mb4.0/13, Bougainville-Solomon Islands region

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

NIED 29 10:26:04.9, 37.96N, 141.91E, h49km, MW3.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; M1: 1.79; M2: -0.75; M3: -1.05; M4: -1.44; M5: 0.98; M6: 0.16; Fault plane solution: M2: 3.1000x10^14 NPT1: 20.000000, 337.000000, 149.000000; NP2: 247.000000, 363.000000, 1.16.000000
JMA 29 10:26:04.9, 0.1, 38.0N, 0.3x141.9E, 0.6, h49km, MV3.5/38, SE OFF MIYAGI PREF
IDC 29 10:26:10.6, 7.7, 37.67N, 141.52E, h86km, 59km, mb3.2/1, mbmp3.5/4, ML2.4/3, Error ellipse: s-maj=114.7km s-min=22.1km az=81.0
ISC 29 10:26:04.1-2.5, 37.91N, 0.0x142.02E, 0.1, h38km, 4km, n21, s=19/33, BD, Off east coast of Honshu

2016 JUL

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

JMA 29 10:49:30.1-0.1, 28.1N, 1.1x14.0E, 1, h479km, MV4.1/22, W OFF OGASAWARA
IDC 29 10:49:31.2-1.1, 27.56N, 139.89E, h456km, 12km, mb3.3/11, mbmp4.1/16, Error ellipse: s-maj=22.5km s-min=10.9km az=84.0
ISC 29 10:49:31.1-0.6, 27.63N, 0.0x140.1E, 0.1, h450km, n34, s=174/41, mb3.6/11, Bonin Islands region

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

JMA 29 10:51:09.8, 0.2, 24.5N, 0.4x121.8E, 0.6, h57km, 2km, MV2.3/9, TAIWAN REGION
TAP 29 10:51:10.1, 24.47N, 121.79E, h54km, ML2.8, C
ISC 29 10:51:10.7-1.2, 24.46N, 0.0x121.83E, 0.0, h50km, 5km, n73, s=092/117, Taiwan

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

29d 10h

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

29d 11h

Table with columns for station name, time, phase ID, and other parameters. Includes stations like EYUL, YUS, ALS, CHNS, WDLH, etc.

MOS 29 11:01:41.6±0.0, 42°39N, 141°00'E, h9km, MPVA3.6
DDA 29 11:01:42.1±0.0, 42°34N, 141°00'E, h7km±2km, MLL2.8
ISC 29 11:01:41.0±0.1, 42.84N, 140.02E, 40.97E±0.03, h5km±10km,

Table with columns for Code, Station Name, Phase ID, Time, and Res. Lists various stations and their associated parameters.

Table with columns for Code, Station Name, Phase ID, Time, and Res. Lists stations like DAGI, DBAD, DIGR, etc.

TAP 29 11:19:21.9±21.86N, 121°07'E, h11km, MLL3.5, C
NIED 29 11:19:22.4±21.80N, 121°38'E, h9km, MW3.8, Moment
Tensor Solution, s2 Moment tensor, Scale: 10¹⁹Nm,
M=0.92; Mw=0.27; Mw1.27; Mw=4.57; Mw=0.25;
Mw=4.69; Fault plane solution: Mu: 6.30000x10¹⁴ NP1:
q=155.00000°, 57.00000°, 1.157.00000°. NP2: q=43.00000°,
58.7.00000°, 1.83.00000°.

JMA 29 11:19:22.4±0.3, 22°N, 141°E, h9km, MV3.5/11,
TAIWAN REGION

Table with columns for Code, Station Name, Phase ID, Time, and Res. Lists stations like TSEB, SMST, TWKBT, etc.

2016 JUL

Main table with columns for Station Name, Time, Phase ID, and Res. Lists stations like TAWH, TAWH, TAW, etc.

KRSC 29 11:26:30.9±1.0, 55°98N, 162°78E, h36km±11km, MLL5.3
IDC 29 11:26:30.9±3.1, 56°01N, 162°32E, h22km±19km, mb4.5/29,
mbmp4.6/30, MLL5.2/1, MS4.0/71, Error ellipse:
s-maj=14.7km s-min=9.8km az=160.

MOS 29 11:26:32.5±1.0, 56°02N, 162°35E, h56km, mb5.2/52,
MS4.0/14, Error ellipse: s-maj=8.7km s-min=5.5km
az=91.9.

MOS Felt (V) at Ust-Kamchatsk, Krutoberegovo.
BUJ 29 11:26:32.8±0.0, 56°07N, 162°32E, h66km, mb4.9/50,
mb4.8/34, MS4.5/38, MS7.4/339.

NEIC 29 11:26:33.7±1.6, 56°05N, 162°42E, h147km, mb3km,
mb4.8/349, Error ellipse: s-maj=10.4km s-min=8.2km
az=143.0.

GCMT 29 11:26:35.7±0.4, 56°17N, 162°03E, h39km, mb1km,
MW4.9/56, Moment Tensor Solution, s40, c48; s56, c65;
Duration: 0. Moment tensor: Scale: 10¹⁹Nm; M2: 592.19;
M=0.74±.12; Mw=1.84±.11; Mw=0.87±.12; Mw=1.03±.07;
Mw=0.78±.10; Best double couple: M2: 80500, 1016
NP1: 205.00000°, 53.00000°, 1.79.00000°. NP2:
q=38.00000°, 57.00000°, 1.97.00000°. Principal axes: T
2.8600, Plg77.0000°, Azm330.0000°; N -0.1060.
Plg6.0000°, Azm214.0000°; P -2.7490, Plg12.0000°.
Azm123.0000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 29 11:26:33.7±0.3, 56.09N, 162.60E±0.03, h50km±2km,
26C-30D, Near east coast of Kamchatka Peninsula

Table with columns for Code, Station Name, Phase ID, Time, and Res. Lists stations like KBRTR, KBRTR, KBRTR, etc.

1584

Table with columns for Station Name, Time, Phase ID, and Res. Lists stations like TUMR, MKZ, MKZ, etc.

Table with columns: YAK, IAMB, IAMB, 11 30 39.7, etc. Includes entries like YAKUTSK, KODIAK ISLAND, and various mountain peaks.

Table with columns: MLY, MLY, MLY, 24.06 49 P, etc. Includes entries like MANLEY, SHUYAK ISLAND, and various mountain peaks.

Table with columns: PRP, PRP, PRP, 26.23 48 P, etc. Includes entries like PORCUPINE DOME, DONNELLY DOME, and various mountain peaks.

29d 11h

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like JIS Juneau Island, C36M Paultak, R33M Jennings River, etc.

2016 JUL

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like KURK Kurchatov, BJOJ Bjornova, KURB Kurchatov Arra, etc.

1586

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like H17A Grant Village, RYN Ryan, RLMT Red Lodge, etc.

29d 11h

Table of astronomical observations for the first 29 days of the month. Columns include station name, coordinates, time, and various flags. Examples: CLL comp=Z,31nm,1.4s, 70.05 340 i P, 11 37 40.5 +0.7.

100 JUL

Table of astronomical observations for the 100th day of the month. Columns include station name, coordinates, time, and various flags. Examples: HAL Halifax comp=Z,16nm,0.8s, 72.37 33 Iamb Iamb, 11 37 55.8.

1588

Table of astronomical observations for the 1588th day of the month. Columns include station name, coordinates, time, and various flags. Examples: WRA comp=Z,4.7nm,1.1s, 79.41 207 P P, 11 38 33.4 +0.9.

Table with columns: LVC, comp, N, S, SNR, etc. Lists various stations and their parameters.

Table with columns: ORCD, Station Name, Az, Phase, ID, Time, Res. Lists stations like Orcadas, Neumayer, etc.

HEL 29.11:29.02.1.0.1,63.97N:28.14E, h0km, ML1.3,

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

HEL 29.11:29.04.9.0.3,67.16N:20.63E, h0km, ML1.3,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like PAJU, LANU, HEF, etc.

AEIC 29 11:30:27.1.5,51.8N,0.1:176.27E,0.09,h72km,7km,

Error ellipse: s-maj=21.9km s-min=6.1km az=194.0
NEIC 29 11:30:28.3:1.0,51.81N,0.1:176.26E:0.04,h62km,9km,

mb4,1/34,ML3.8/11(AEIC), Error ellipse: s-maj=13.8km
s-min=3.5km az=176.0

IDC 29 11:30:31.7:4.7,52.17N:176.31E,h84km=43km,mb3.2/5,

mbmp3.6/7, Error ellipse: s-maj=38.8km s-min=24.4km
az=164.0

ISC 29:30:28.4:0.8,51.9N,0.1:176.33E:0.05,h50km,n75,

mb1.0/9,mb4.1/18,Raisals

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like LSSA, LSNW, LSSE, etc.

Table with columns: KDAK, CNPM, J20K, etc. Lists stations like China Post, Nowinta River, etc.

JMA 29 12:15:51.2:0.3,24.1N,1.1:121.9E:0.9,h67km,2km,

MM2/6/10,TAIWAN REGION

TAP 29 12:15:53.2:24.38N,121.92E,h37km,ML3.4,B

ISC 29 12:15:53.0:24.35N,102.02:121.96E:0.02,h30km,5km,

n67,0576/123,3C-20,TAIWAN

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

29d 12h

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, H, m, s, ISC. Includes stations like TEYL, NWLT, YHNB, TIPB, etc.

2016 JUL

SNET 29 12:24:52.6,0.9, 12.03N,85.62W, h245km,51km, ML4.0
ISC 29 12:24:46.4,0.8, 10.18N,0.005,86.06W,0.05, h24km, n94,
c=135/100,mb4.3/22,MS3.2/3, Op Coast of Costa Rica

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, H, m, s, ISC. Includes stations like SAJU, DUNO, ORTG, etc.

1590

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, H, m, s, ISC. Includes stations like NVAR, LHV, KVN, etc.

TAP 29 12:27:44.6,24.14N,122.88E, h20km, ML3.0, C
JMA 29 12:27:44.4,0.1, 24.1N,0.8,122.9E,0.5, h18km,3km,
MV3.0/10, NW OFF ISHIGAKIUMA IS
ISC 29 12:27:43.5,1.1, 24.05N,122.89E,0.02, h15km,19km,
m69, c=111/115, Taiwan region

Main station list table for 1590 with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, H, m, s, ISC. Includes stations like Code, Station Name, etc.

ICD 29 12:24:37.6,9.7, 9.61N,85.47W, h0km, mb3.8/5,
mbtmp3.8/5, MS3.1/3, Error ellipse: s-maj=178.6km
s-min=70.1km az=161.0
INET 29 12:24:46.4,0.6, 10.08N,86.10W, h15km,9km, MW4.0
UCR 29 12:24:47.3,2.8, 10.29N,86.03W, h30km,11km, ML3.7,
MW4.4, mb4.3(NEIC)
NEIC 29 12:24:47.7,1.2, 10.20N,0.07,85.95W,0.06, h24km,9km,
mb4.3/31, Error ellipse: s-maj=12.0km s-min=6.9km
az=213.0

Table with columns: Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, etc. Includes stations like WHYT Xinyi Township, ELDTW Lidau, NSY Sany, etc.

DSN 29 12:45:29.4+1.2, 27.96N, 52.31E, h10km, ML3.1/6, Error ellipse: s-maj=18.4km s-min=6.3km az=13.0

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, etc. Includes stations like QIR1 QIR1, LMD1 Lamerd, JHRM Jahrom, etc.

ANF 29 13:07:57.8-0.2, 33.18N, 115.65W, h20km, 3km, ML2.5/10, Error ellipse: s-maj=2.1km s-min=1.6km az=130.0

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, etc. Includes stations like SWSC Sam W. Stewart, SWSC Sam W. Stewart, DREC Desert Rsrch C, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, etc. Includes stations like MONP2 Monument Peak, GLA Glamis, PFO Pinyon Flats O, etc.

IDC 29 14:02:49.6+0.6, 21.94N, 99.58E, h0km, mb4.2/19, mbtmp4.2/20, ML4.3/1, MS3.8/56, Error ellipse: s-maj=19.0km s-min=11.3km az=73.0

MOS 29 14:02:50.1+1.1, 21.79N, 99.23E, h10km, mb4.6/19, MS4.1/5, Error ellipse: s-maj=20.9km s-min=7.5km az=120.6

BUI 29 14:02:51.6+0.0, 21.80N, 99.76E, h30km, mb4.4/37, mb4.6/24, ML4.7/7, MS4.7/47, MS7.4/341

NEIC 29 14:02:51.1+1.7, 21.81N, 0.04-99.82E, 0.07, h1km, 4km, mb4.7/46, Error ellipse: s-maj=9.8km s-min=5.0km az=110.0

ISC 29 14:02:50.7+0.3, 21.86N, 0.03-99.68E, 0.04, h10km, n231, 153/216, mb4.6/77, MS3.8/66, 12C-3D, Myanmar-China border region

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, etc. Includes stations like CHTO Chiang Mai, MND Mandalay, CM31 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, etc. Includes stations like LZH, GOMU GeErMu, GKN Gorkha, etc.

29d 14h

Table of astronomical observations for 29d 14h, listing station codes (e.g., ZAK, KSRS, DAV), station names, coordinates, and observation parameters.

2016 JUL

Main table of astronomical observations for July 2016, listing station codes (e.g., KBZ, KIV, GURO, MA2), station names, coordinates, and observation parameters.

1592

Table of astronomical observations for 1592, listing station codes (e.g., SPITS, HSPB, MORC), station names, coordinates, and observation parameters.

Summary information including JMA 29 14:20:53.9, 0.3 32°N, 133°E, h386km, MV3.3/54, and ISC 29 14:20:54.2, 0.3 32.32°N, 138.43°E, 10400km, n24, 0.196/30, mB3.1/3, Southeast of Honshu.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSD Rainshed, HLP Hilina Pali, CPH Captain Cook, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENA Nanau, ETL Fush Village, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, JJJ Ishigaki jima, etc.

HEL 29 15:44:14.9.0.5, 61.11N:29.91E, h0km, ML2.3, Explosion
UPP 29 15:44:19.7.2.9, 61.11N:29.47E, h0km, ML1.6, Suspected explosion

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RUFJ Ruokolahiti, VJF Virojoki, FIAO FINES Array S, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NUR Nurmijarvi, MEF Metsahovi, VSU Vasula, etc.

ARCES ARCESS Array B 8.60 351 Pn Pn 15 46 21.4 -2.2
NOA NORSAR Array B 8.85 277 Pn Pn 15 46 26.8 -0.3

ARCES ARCESS Array B 8.60 351 Pn Pn 15 46 21.4 -2.2
NOA NORSAR Array B 8.85 277 Pn Pn 15 46 26.8 -0.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H0S2 Diego Garcia H, etc.

WRA Warramunga Arr 46.25 121 P P 16 26 00.5 -0.2
ASAR Alice Springs 47.55 126 P P 16 26 10.9 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC02 Maricunga, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LVC Limon Verde, PB06 IPOC Station P, etc.

LPAZ La Paz 10.41 345 Pn Pn 16 47 21.5 -2.9
SIV San Ignacio 11.09 22 Pn Pn 16 47 33.6 +0.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLTB Pedras Altas, QSPA South Pole Qui, etc.

SJA 29 16:52:14.1.0.6, 31.59S:71.57W, h34km, 2km, ML4.7, MW4.6
IDC 29 16:52:15.0.5.0, 31.52S:71.35W, h42km, 4km, mb4.3/14, mbtm3.6/5, ML3.9/1, Error ellipse: s-maj=121.0km

s-maj=6.9km s-min=2.3km az=121.0
NEIC 29 16:52:15.3.31.54S:71.57W, h50km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr:0.3; Mss:1.41; Mss:-8.44; Mtt:2.31; Mss:-0.26; Mrr:-3.83; Fault plane solution: Ms:9.03000x1015 Np1:164.43000, delta:40000, lambda:70.53000. NP2:20.05000, delta:90000, lambda:120.44000. Principal axes: T:8.6645, Plg68.0000, Azm35.0000; N:0.6834, Plg17.0000, Azm174.0000; P:-9.3480, Plg13.0000, Azm268.0000.
ISC 29 16:52:15.2.0.5, 31.55S:0.02:71.48W, 0.04, h41km, 4km, n179, 1542/186, mb4.8/27, MS3.8/26, 7C-10, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO02 Combarbal, CO06 Fray Jorge, etc.

VA03 San Esteban 1.45 147 Pn Pn 16 52 39.9 -0.2
VA03 San Esteban 1.45 147 eP Pn 16 52 39.2 +0.2

VA03 San Esteban 1.45 147 eP Pn 16 52 39.7 +0.7
VA03 San Esteban 1.45 147 eS Pn 16 52 58.8 +1.9

ROCH EI Roble 1.48 164 iP Pn 16 52 39.9 +0.4
VA01 Torpederas 1.48 185 eP Pn 16 52 39.0 -0.3

VA01 Torpederas 1.48 185 eP Pn 16 52 39.0 -0.3
VA01 Torpederas 1.48 185 eS Pn 16 52 39.7 +0.4

VA01 Torpederas 1.48 185 eS Pn 16 52 39.7 +0.4
PEL Peldehue 1.73 157 iP Pn 16 52 43.4 +0.6

MT02 Curacav 1.73 170 eP Pn 16 52 43.1 +0.3
MT02 Curacav 1.73 170 eS Pn 16 52 43.7 +0.7

MT05 Renca 1.95 161 iP Pn 16 52 46.5 +0.2
MT05 Renca 1.95 161 iS Pn 16 52 46.7 +0.6

MT05 Renca 1.95 161 eP Pn 16 52 46.5 +0.2
CO01 Juntas del Tor 1.97 38 eP Pn 16 52 49.0 +2.7

MT03 Universidad Ad 2.11 157 eP Pn 16 52 48.1 +1.0
MT03 Universidad Ad 2.11 157 eS Pn 16 53 14.1 +1.0

MT03 Universidad Ad 2.11 157 eP Pn 16 52 48.1 +1.0
MT03 Universidad Ad 2.11 157 eS Pn 16 53 14.1 +1.0

MT09 Talagante 2.26 170 iP Pn 16 52 51.4 +1.1
MT09 Talagante 2.26 170 iS Pn 16 52 51.9 +0.6

MT09 Talagante 2.26 170 eP Pn 16 52 54.2 +3.5
MT09 Talagante 2.32 175 iP Pn 16 52 51.5 +0.6

MT09 Talagante 2.32 175 eS Pn 16 53 19.0 +0.8
LME1 Las Melosas 2.54 155 iP Pn 16 52 55.3 +1.3

LME1 Las Melosas 2.54 155 iP Pn 16 52 55.3 +1.3
LME1 Las Melosas 2.54 155 iS Pn 16 52 55.4 +1.3

1595

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like H03S3, H03S4, H03S1, etc.

2016 JUL

Main table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MAW, SUR, PFO, E62A, etc.

29d 16h

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

JMA 29 16:54:20.6:0.1, 24°N, 122°56.0'E, 3.3h, 52km, 1km, MV2.1/1, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YONG, YJNG, YOJ, etc.

Table with columns: WJD, Zhushan, TCU, ELDTW, etc. and corresponding frequency, polarization, and other parameters.

NOU 29 17:13:35.6, 34°03'S: 178°72'W, h296km, mb4.4/8, South of Kermadec Islands

WEL 29 17:14:09.1±0.6, 36°S: 6°17'9"E, h195km, 11km, M4.0/23, ML4.4/27, MLV4.0/23, Error ellipse: s-maj=0.0km

ISC 29 17:14:02.7±3.1, 35.6S: 01°17'8E: 0.1, h251km, 13km, n86, c2523/124, Off east coast of North Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers.

Table listing stations: KIW Kapiti Island, MTW Mount Morrison, CAW Cannon Point, etc.

IDC 29 17:18:14.2±2.9, 4°14'S: 129°95'E, h0km, mb3.8/2, mbmp4.0/4, ML4.2/2, Error ellipse: s-maj=107.6km

DJA 29 17:18:15.7±0.5, 4°S: 4°13'0"E, h11km, 5km, M4.1/13, mb4.5/3, MLV4.0/13

NEIC 29 17:18:19.5±2.1, 4°16'S: 0°08'130"E: 0.1, h41km, 6km, mb4.0/17, Error ellipse: s-maj=16.6km s-min=11.6km az=77.0

ISC 29 17:18:17.5±0.6, 4°13'S: 0°05'129.93E: 0.04, h35km, n55, c2511/60, mb4.2/9, Banda Sea

Main station list table for the 2016 JUL section, including stations like BNDI, FAKI, SAUI, etc.

DSN 29 17:43:01.7±1.2, 27°04'N: 53°84'E, h10km, ML3.2/6, Error ellipse: s-maj=16.9km s-min=10.9km az=68.0

OMAN 29 17:43:05.0±0.1, 26°62'N: 53°75'E, h12km, ml3.3/14, Error ellipse: s-maj=1.7km s-min=1.3km az=8.0

TEH 29 17:43:04.1, 26°28'N: 53°84'E, h12km, ML3.6

ISC 29 17:43:03.2±0.2, 26.80N: 03°53'88E: 0.05, h3km±16km, n57, c1526/70, Southern Irap

Main station list table for the 1596 section, including stations like LMD1, LAR1, ESRB, etc.

NNC 29 17:47:38.8±3.8, 43°36'N: 87°33'E, h0km, mb3.8, mpv3.3, 6C-2D, Error ellipse: s-maj=28.0km s-min=21.3km az=99.0, Northern Xinjiang

Main station list table for the NNC section, including stations like MK31, MAKZ, etc.

IDC 29 17:50:40.1±0.7, 41°97'N: 112°22'E, h0km, mb3.7/14, mbmp3.8/16, ML3.7/2, MS3.1/12, Error ellipse: s-maj=12.13km s-min=15.7km az=53.0

BUI 29 17:50:51.0±0.1, 41°95'N: 112°21'E, h6km, mb4.3/11, mb4.4/11, ML4.3/15, MS3.7/13, MS7.3/4/4

NEIC 29 17:50:44.5±2.0, 42°18'N: 0°07'41'3"E: 0.1, h29km, 5km, mb4.1/19, ML4.3(BJ), Error ellipse: s-maj=14.7km s-min=3.9km az=45.0

ISC 29 17:50:42.4±0.4, 42°17'N: 0°04'112'3"E: 0.1, h10km, n62, c2540/67, mb3.9/18, MS3.2/9, 1C, Northeastern China

IDC 29 17:50:40.1±0.7, 41°97'N: 112°22'E, h0km, mb3.7/14, mbmp3.8/16, ML3.7/2, MS3.1/12, Error ellipse: s-maj=12.13km s-min=15.7km az=53.0

BUI 29 17:50:51.0±0.1, 41°95'N: 112°21'E, h6km, mb4.3/11, mb4.4/11, ML4.3/15, MS3.7/13, MS7.3/4/4

NEIC 29 17:50:44.5±2.0, 42°18'N: 0°07'41'3"E: 0.1, h29km, 5km, mb4.1/19, ML4.3(BJ), Error ellipse: s-maj=14.7km s-min=3.9km az=45.0

ISC 29 17:50:42.4±0.4, 42°17'N: 0°04'112'3"E: 0.1, h10km, n62, c2540/67, mb3.9/18, MS3.2/9, 1C, Northeastern China

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.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

29d 20h

ellipse: s-maj=50.7km s-min=10.4km az=61.0
NEIC 29 18:21.23.8.1.4, 13.5S, 0.2x76.1W, 0.2, h62km, 29gkm,
ML4.2(ARE), Error ellipse: s-maj=46.3km s-min=5.7km
az=48.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 29 19:00:31.3z2.2, 16.23S, 71.30W, h98km, 19gkm, mb3.8/9,
mbmp4.2/12, MS3.1/2, Error ellipse: s-maj=21.6km
s-min=15.7km az=41.0

ARE 29 19:00:32.2.2, 16.41S, 0.05:71.57W, 0.08, h118km, 6km,
Error ellipse: s-maj=11.6km s-min=6.0km az=115.0

NEIC 29 19:00:32.1z2.6, 16.41S, 0.06:71.60W, 0.10, h107km, 5km,
mb4.3/12, ML4.4(ARE), Error ellipse: s-maj=13.4km
s-min=9.9km az=89.0

GUC 29 19:00:33.4z0.5, 16.40S, 71.51W, h110km, 5km, ML4.4
ISC 29 19:00:31.4.0.9, 16.42S, 0.05:71.60W, 0.07, h113.4km, 8km,
n82, c187/99, mb4.2/12, 1C-1D, Southern Peru

Main table of station data for the 29d 20h period, including station names, coordinates, and times.

2016 JUL

Table of station data for the 2016 JUL period, including station names, coordinates, and times.

NEIC 29 19:44:34.3z1.1, 1.12N, 0.08:126.83E, 0.05, h57km, 6km,
mb4.3/26, Error ellipse: s-maj=12.3km s-min=6.3km
az=194.0

DJA 29 19:44:34.2z0.2, 1.12N, 0.27:127.0E, h41km, 5km, M4.3/20,
LBM1 mb4.8/4, mb4.5/20, MLV4.3/18, MW(MB)4.0/4

IDC 29 19:44:36.0z0.6, 0.106N, 126.80E, h74km, 60km, mb3.7/7,
mbmp4.0/9, ML4.2/2, MS2.7/1, Error ellipse: s-maj=55.2km
s-min=16.8km az=72.0

ISC 29 19:44:34.1z0.9, 1.15N, 0.05:126.81E, 0.05, h60km, 9km,
n78, c123/83, mb4.2/18, Northern Molucca Sea

Main table of station data for the 2016 JUL period, including station names, coordinates, and times.

1598

Table of station data for the 1598 period, including station names, coordinates, and times.

IDC 29 20:31:12.3z2.1, 15.54S, 178.63W, h426km, 31km, mb2.9/5,
mbmp3.7/6, Error ellipse: s-maj=146.1km s-min=21.6km
az=151.0

ISC 29 20:31:13.2z2.1, 15.9S, 0.7:178.6W, 0.5, h450km, n6,
c130/6, mb3.2/5, Fiji Islands region

Table of station data for the 1598 period, including station names, coordinates, and times.

TAP 29 20:32:56.8z2.1, 18N, 121.73E, h32km, ML3.8, C
JMA 29 20:32:56.1z0.1, 24.1N, 0.5:121.8E, 0.5, h34km, MV3.2/15,
ISC 29 20:32:56.7z0.9, 24.15N, 0.01:121.75E, 0.02, h33km, 2km,
n180, c08/228, 31C-2D, Taiwan

Main table of station data for the 1598 period, including station names, coordinates, and times.

Table with columns: OWD, Renai, 0.56 250, Pn, 20 33 08.2 -0.2, etc. Lists various locations and their corresponding data points.

Table with columns: HSN, NCUH, NCUH, NCU, NCU, YUS, TCU, TCU, WJS, WJS, TWS1, TWS1, TNOU, WNT1, WNT1, WNT, YMO1, YMO1, FULB, WDJ, WDJ, YMO8, NTST, ANP, NHW, ALS, ALS, WYL, WYL, WCHH, WCHH, WCHH, CHKT, CHNS, CHNS, CHNS, YJNG, YJNG, TWY, TWY, ECS, ECS, ELDTW, WKG, YOJ, YOJ, YOJ, WDLH, WDLH, EDH, EDH, WRL, CHN2, STYH, STYH, CHN4, WTK, WTK, TPUB, TPUB, TPUB, STYH, LONT, WTC2, WTC2, WTP, WTP, CHY, CHY, CHN1, CHN1, SNST, LDUT, LDUT, WSF, WSF, TTN, SGST, PCYT, PCYT, WSL, WSL, SLGT, ICHU, ICHU, ICHU.

Table with columns: CHN8, CHN8, CHN3, CHN3, SSHA, SCST, SCST, SHHT, ECL, SSD, TSMG, TSMG, TWMT, TWMT, IRIF, IRIF, MASBT, MASBT, HATJ, HATJ, EAST, EAST, TAW, TAW, TAWH, TAWH, SSPT, SSPT, SCZT, SCZT, JKRS, JKRS, PNG, PNG, PNG, PNG, WDG, WDG, SLIU, SLIU, LYUB, LYUB, JIU, JIU, VVUC, VVUC, VCHM, VCHM, HEN, HEN, TWK1, TWK1, TWK1, TWK1, JISG, JISG, MATA, MATA, MSUT, MSUT, JTJ, JTJ, LYJJ, LYJJ, KNM, KNM, KNMB, KNMB, XPSS, XPSS, MHZO, MHZO, JIRB, JIRB, JIKM, JIKM, JIMJ, JIMJ, JIMJ, JIMJ, JOGS, JOGS, AXDP, AXDP, ZPLA, ZPLA, DSXP, DSXP, SXFK, SXFK, JOW, JOW, JOW, JOW.

NAO 29 20:40:45.3±2.0, 77.49N; 7.29E, ML2.8
BER 29 20:40:47.2±3.2, 77.49N; 7.64E, h10km, ML2.2,
ML2.8(NAO), Confirmed Earthquake
IDC 29 20:40:48.0±2.1, 77.47N; 7.93E, h0km, mb3.9/1,
mbmp3.7/4, ML2.6/3, MS2.8/13, Error ellipse:
s-maj=32.9km s-min=14.3km az=126.0
IEPN 29 20:40:50.0, 77.56N; 9.06E, h10km
DNK 29 20:40:50.4±3.5, 77.64N; 7.17E, h43km, mb3.9/4km, ML2.8
ISC 29 20:40:47.3±1.0, 77.53N; 0.05E; 7.95E; 0.07, h10km, m50,
e191/47, MS2.9/8, 1C, Svalbard region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time s, Res ISC. Lists station codes and their associated data.

baz=314,slow=77,SNR=23
H03N1 Juan Fernandez 135.63 89 T T 23 32 49.3
H03N3 Juan Fernandez 135.63 89 T T 23 32 52.1

IDC 29 20:46:04.3±6.2, 4.28S; 138.61E, h135km, 57km, mb3.8/8,
mbtmp4.3/10, MS3.4/1, Error ellipse: s-maj=39.6km
s-min=13.2km az=76.0
NEIC 29 20:46:04.8±1.8, 4.35S; 0.09j, 138.5E±0.1, h136km, 8km,
mb4.7/53, Error ellipse: s-maj=15.9km s-min=12.1km
az=62.0
DJA 29 20:46:05.0±0.2, 4.13S; 133.9E, h149km, 4km, M4.5/19,
m35.0/6, mb4.4±0.19, MLv4.87, Mw/mb3.5

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

TAU Tasmania Unive 39.18 170 P P 20 53 19.9 +1.3
JHS Saijo 39.47 353 P P 20 53 20.8 -0.4
JHS 39.47 353 Iamb Iamb 20 53 27.6

JTU Tsushima 39.61 348 P P 20 53 22.1 -0.2
JGF Kuroka 39.76 359 P P 20 53 22.6 -1.0
JSD Sado 41.28 360 P P 20 53 42.8 -0.5
KSRD comp=Z, 9.4nm, 0.9s 20 53 44.1

SEHB SEOWHA 43.46 348 P P 20 53 53.9 +0.3
CM31 Chiang Mai Arr 45.07 301 P P 20 54 07.8 +1.1
CMAR Chiang Mai Arr 45.07 301 P P 20 54 07.8 +1.1

CMAR Chiang Mai Arr 45.07 301 P P 20 54 07.7 +0.9
PZH comp=Z, 1.1nm, 0.7s, baz=116, slow=6.2, SNR=16 20 54 07.8 +1.1
CMAR Chiang Mai Arr 45.07 301 P P 20 54 07.7 +0.9

SONM Songo Arr 59.11 335 P P 20 55 50.7 +0.6
PETK Petrovskoye 59.51 13 P P 20 55 52.5 -0.2
WMQ Urumi 66.15 322 P P 20 56 40.0 +3.1

YALV Zalesovo Beam 73.24 330 P P 20 57 19.9 0.0
VANDA Vanda 74.17 175 P P 20 57 25.4 +0.4
VANDA Vanda 74.17 175 P P 20 57 25.4 +0.4

CPUP Villa Florida 145.87 154 PKPbc PKPab 21 05 28.0 -0.5
LPAZ La Paz 146.64 129 PKPbc PKPik 21 05 32.7 -1.2
IDC 29 21:12:08.7±2.4, 17.72S; 178.27W, h605km, 21km, mb3.3/5,

MSVF Nonsavu 3.57 270 P P 21 13 31.6 +0.9
DZM Mont Dzumac 15.06 251 P P 21 15 16.5 -0.4
STKA Stephens Creek 38.87 241 P P 21 18 43.5 -0.1

WRA Warramunga Arr 44.85 259 P P 21 19 30.4 -0.2
ASAR Alice Springs 45.02 254 P P 21 19 31.7 -0.2
ILAR Eielson Array 85.69 13 P P 21 23 43.5 -0.6

TXAR Lailita Array 85.75 58 P P 21 23 45.5 +0.2
GERES GERES Array B 147.51 34S PKPbc PKPbc 21 30 46.1 +0.2
NAO 29 21:14:54.0±1.6, 7.748N; 177.18E, ML3.0

BRBA Barentsburg A 1.61 64 P P 21 15 22.7 +1.8
BRBA Barentsburg A 1.61 64 P P 21 15 22.4 +1.5
BRBA Barentsburg A 1.61 64 P P 21 15 39.2 -1.1

BRBA Barentsburg A 1.61 64 P P 21 15 22.3 +1.4
BRBA Barentsburg A 1.61 64 P P 21 15 39.2 -1.1
BRBA Barentsburg A 1.61 64 P P 21 15 41.5

KBS Kingsbay 1.77 31 P P 21 15 24.3 +1.1
KBS Kingsbay 1.77 31 P P 21 15 24.3 +1.1
KBS Kingsbay 1.77 31 P P 21 15 46.0

SPA0 Spitsbergen Arr 2.07 65 P P 21 15 29.9 +2.6
SPA0 Spitsbergen Arr 2.07 65 P P 21 15 29.9 +2.6
SPA0 Spitsbergen Arr 2.07 65 P P 21 15 29.9 +2.6

SPA0 Spitsbergen Arr 2.07 65 P P 21 15 29.9 +2.6
SPA0 Spitsbergen Arr 2.07 65 P P 21 15 29.9 +2.6

BJO1 Bjornoya 4.11 130 P P 21 15 52.1 +0.5
HOPEN Hopen 4.12 94 P P 21 15 57.2 +1.8
HOPEN Hopen 4.12 94 P P 21 16 40.9 -1.3

HOPEN Hopen 4.12 94 P P 21 15 57.5 +2.1
HOPEN Hopen 4.12 94 P P 21 16 40.9 -1.3
HOPEN Hopen 4.12 94 P P 21 16 56.5

DAG Danmarks Havn 5.81 276 P P 21 16 21.0 +2.4
DAG Danmarks Havn 5.81 276 P P 21 17 23.1 -0.8
DAG Danmarks Havn 5.81 276 P P 21 17 23.7

ARA0 ARCESS Array S 9.42 138 P P 21 18 49.8 -2.9
ARA0 ARCESS Array S 9.42 138 P P 21 18 49.8 -2.9
ARA0 ARCESS Array S 9.42 138 P P 21 18 49.8 -2.9

BJI 29 21:18:22.2±0.0, 18.44N; 145.56E, h200km, mb6.5/66,
m7.4/46
MOS 29 21:18:24.2±1.1, 18.56N; 145.46E, h220km, mb7.0/35,

JMA F#11 J1 at FAF FIELD
NEIC 29 21:18:25.6±1.8, 52N; 145.51E, h207km, Moment Tensor
Solution. Moment tensor: S182°Nm; M3.48;

DJA 29 21:18:27.3±0.8, 19.8N; 145.6E, h238km, 8km, M7.8/145,
m37.7/145, mb7.7/145, Mw(Mw)/7.8/145, Mw(Mw)/7.8/145,

GCMT 29 21:18:32.7±0.1, 18.50N; 145.70E, h209km, Mw7.7/184,
Moment Tensor Solution. s183.c529; s184.c1033;
Duration: 176 Moment tensor: S182°Nm;

KLM 29 21:18:32.18±0.4N; 145.78E, h276km, mb7.3
NEIC 29 21:18:32.18±0.4N; 145.78E, h210km, Moment Tensor
Solution. Duration: 160 Moment tensor: S182°Nm;

GUMO Guam 5.00 187 P P 21 19 38.2 -1.4
GUMO Guam 5.00 187 P P 21 19 38.4 -1.1
GUMO Guam 5.00 187 P P 21 19 38.4 -1.1

CJJC Chichijima 9.02 341 P P 21 20 29.1 -1.9
CJJC Chichijima 9.02 341 P P 21 20 29.1 -1.9
CJJC Chichijima 9.02 341 P P 21 20 29.1 -1.9

JHJ2 Haha-jima-NKT2 8.59 340 P P 21 20 55.3 -3.1
JHJ2 Haha-jima-NKT2 8.59 340 P P 21 20 55.3 -3.1
JHJ2 Haha-jima-NKT2 8.59 340 P P 21 20 55.3 -3.1

JHJ2 Haha-jima-NKT2 8.59 340 P P 21 20 55.3 -3.1
JHJ2 Haha-jima-NKT2 8.59 340 P P 21 20 55.3 -3.1
JHJ2 Haha-jima-NKT2 8.59 340 P P 21 20 55.3 -3.1

Table with columns for station name, time, and other details. Includes entries like Mikurajimanih, Kakegawashinom, and various other station names.

Table with columns for station name, time, and other details. Includes entries like Hanno, Aoi, Nakanoshima, Obara, and various other station names.

Table with columns for station name, time, and other details. Includes entries like Aida, Izumi, Yasaka, Shimokoshi, and various other station names.

29d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LHI Lord Howe Island, DHB DHB, and various FM and AM stations.

2016 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like UWB comp=Z,6um,1.1s, RIM Rim, and various FM and AM stations.

1606

Table with columns for station name, frequency, power, and other technical details. Includes stations like VIS Vishakhapatnam, SVW2 Sparrekhov, and various FM and AM stations.

29d 21h

2016 JUL

1608

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like RITZ, WTVZ, KRUV, HATZ, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like L26K, D25K, D25K, E25K, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like KK31, KK31, KK31, KKAR, etc.

29d 21h

2016 JUL

1610

Table listing station call signs (e.g., UOSS, WVO, PLTX), frequencies, and various parameters like power and mode.

Table listing station call signs (e.g., KVN, KVC, NVAR), frequencies, and various parameters like power and mode.

Table listing station call signs (e.g., CIS, SC12, AIS), frequencies, and various parameters like power and mode.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SPR3, PRN, KBZ, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like IKP, SNOW, RMX, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JMJC, RDMU, DGMT, etc.

Table with columns for call sign, frequency, mode, and other technical details. Includes stations like TIRR, BIZ, and BORG.

Table with columns for call sign, frequency, mode, and other technical details. Includes stations like BORG, BORG, and BORG.

Table with columns for call sign, frequency, mode, and other technical details. Includes stations like KSP, KSP, and KSP.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like VRAC Caldwell West, PGB Panagyurishte, CSTR Hydro, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like T35B Sooner Cattle, N38A Joes South For, FRGS Fruska Gora, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like B10A comp-Z,70nm,1.1s, B10A comp-Z,70nm,0.8s, B10A comp-Z,65nm,1.7s, etc.

Table with multiple columns containing names (e.g., MAKR, TREB, LTK, LOUT, HCY), coordinates (e.g., 102.02 318), status (e.g., P), and other data points. The table is organized in several columns across the page.

29d 21h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like U49A Red Boiling Sp, N53A Lisbon, W52A Corning, etc.

2016 JUL

Table with columns for call sign, frequency, power, and other technical details. Includes stations like S54A Dingess, Beckl, S54A Dingess, Beckl, F63A Nahmakanta, Br, etc.

1616

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KM5C Kings Mountain, KM5C Kings Mountain, R58B Mineral, etc.

29d 21h

Table with columns: Station Name, Time, Res, and various codes (GDS, TBG, TDBA, etc.). Includes stations like Guadaloupe-3, Terre de Bas, Terre de Bas, etc.

150 JUL

Table with columns: Station Name, Time, Res, and various codes (PB11, PB16, PB16, etc.). Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

1618

Table with columns: Station Name, Time, Res, and various codes (GUA01, NANO1, JMA 29:21:19:52.0, etc.). Includes stations like Guaratinga, Guarapari, JMA 29:21:19:52.0, etc.

Table with columns for call sign, frequency, power, mode, and name. Includes stations like NIKH, GSI, LSA, UNV, FALS, CAN, TIXI, ANM, ZAAO, ZALV, ZALV, MK31, MKAR, MAKZ, N18K, SVWZ, TTA, N19K, P19K, CNPM, BRLK, PRZ, CAST, KURBB, IMAR, H21K, NR1K, RC01, BPAW, MLY, A21K, BOOM, NEA2, I23K, COLD, WRH, MDM, CCB, COLA, EYAK, H24K, IL31, ILAR, AAK, AAK, PAX, KAIM.

Table with columns for call sign, frequency, power, mode, and name. Includes stations like HMT, RIDG, GLB, VRT, CRON, SCRK, SNH, WAX, M26K, ISLE, NIL, GRNC, L27K, BCAR, TABL, LTZ, PLWZ, PCA, RPZ, BRVK, BRVK, BRVK, RAR, KK31, KK31, KKAR, KKAR, DCZ, DAWY, DAWY, P29M, HYT, M30M, M30M, SKAG, BESE, BESE, M31M, M31M, JIS, JIS, INK, INK, INK, FARO, FARO, P33M, P33M, WRAP, WRAP, DIB, HG4B, DLBC, GRNB, C36M, C36M, ARU, ARU, BBB, ABKAR, HOLB, AKTO, CBB, OZB, CLRS, PGC, BOA, WISH, E03A, E03A, KIRV, KEBM, KEBM, EUNU, EUNU, YKA, YKA, D05A, D05A, F04A, F04A, BUCK, BUCK, H04A, H04A, KCPM, KCPM, LTY, LTY, E07A, E07A, PINE, PINE, HAWA, HAWA, K05A, K05A, BELG, BELG, C09A, C09A, ORV, ORV, ORV.

Table with columns for call sign, frequency, power, mode, and name. Includes stations like I07A, E09A, NEW, NEW, BEKR, BEKR, MPK, MPK, BMO, BMO, BMO, PAHR, PAHR, YERR, YERR, ARCES, ARCES, TULEG, TULEG, JTMT, JTMT, RYN, RYN, KVN, KVN, KVN, NVAR, NVAR, NVAR, NVAR, BMN, BMN, BMN, MFID, LCH, TPH, TPH, HLID, ELK, ELK, LRM, DLMT, DLMT, HCRY, MCMT, TPNV, TPNV, TPNV, TPNV, BOZ, BOZ, BOZ, BOZ, QLMT, YHL, YHL, HVU, HVU, HVU, SHPR, PSUT, PSUT, DUG, DUG, DUG, FIA1, FIA1, FINES, FINESS, FINESS, FINESS, FINESS, FINESS, CCUT, NLU, LCMT, W13A, B06B, B06B, PD31, PD31, PDAR, U15A, U15A, FCC, FCC, FCC, 214A, PV20, PV20, PV11, PV11, HFS, HFS, LSZ, LSZ, PV12, OBIP, ICMP, LLO2, MT01, BO02, MT02, CO06, ROC1, HOPE, HOPE, PE1, PE1, CO02, VA03, GO04, GO03, PATCX.

29d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PATCX, PB11, PB12, etc.

IDC 29.21:28.27.1.3, 18.78N:145.70E, h0km, mb5.1/6, mbtmp5.1/6, Error ellipse: s-maj=63.0km s-min=22.8km az=113.0

NEIC 29.21:28.50.3.1.4, 18.46N:0.04:146.0E:0.1, h20km, mbkm, mb5.3/31, Error ellipse: s-maj=19.8km s-min=5.5km az=96.0

ISC 29.21:28.48.0.5, 18.56N:0.07:145.84E:0.09, h200km, n53, c140/57, mb5.2/22, Mariana Islands

Main table of station data for the 29d 21h period, listing station names, coordinates, and various parameters.

IDC 29.21:31.42.0.19.0, 18.75N:145.44E, h237km, 199km, mb4.1/11, mbtmp4.7/11, Error ellipse: s-maj=35.0km s-min=18.3km az=60.0

ISC 29.21:31.38.0.8, 18.77N:0.1:145.5E:0.2, h200km, n11, c056/11, mb4.4/11, Mariana Islands

Continuation of station data table for the 29d 21h period.

2016 JUL

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

NEIC 29.21:39.19.4.1.4, 18.82N:0.09:145.5E:0.1, h198km, 7km, mb4.8/64, Error ellipse: s-maj=18.2km s-min=13.4km az=93.0

IDC 29.21:39.23.1.2.4, 18.90N:145.43E, h234km, 23km, mb4.1/19, mbtmp4.6/21, Error ellipse: s-maj=16.2km s-min=12.4km az=81.0

ISC 29.21:39.20.9.0.4, 18.88N:0.07:145.50E:0.08, h214km, n106, c150/111, mb4.7/50, Mariana Islands

Main table of station data for the 2016 JUL period, listing station names, coordinates, and various parameters.

1620

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L27K, TABL, BRVK, etc.

IDC 29.21:45.23.6.0, 18.68N:145.53E, h193km, 59km, mb4.1/15, mbtmp4.5/16, Error ellipse: s-maj=23.5km s-min=10.5km az=92.0

NEIC 29.21:45.23.9.1.7, 18.63N:0.05:145.6E:0.1, h194km, 7km, mb4.7/84, Error ellipse: s-maj=17.1km s-min=7.7km az=91.0

ISC 29.21:45.23.2.0.4, 18.63N:0.05:145.6E:0.1, h200km, n124, c093/124, mb4.7/60, Mariana Islands

Continuation of station data table for the 1620 period.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NV11, ELK, LRM, etc.

DDA 29.21:46:46.8:0.0,3573N,29.40E,h6km,2km,ML3.1, Eastern Mediterranean Sea

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

NEIC 29.21:47:23.0:1.9, 18.97N,0.09:146.1E:0.1,h207km,8km, mb4.7/33, Error ellipse: s-maj=20.5km s-min=12.3km az=98.0

IDC 29.21:47:29.2:7.5, 18.83N,145.40E,h249km,71km, mb3.8/10,mbtmp4.4/10, Error ellipse: s-maj=40.3km s-min=13.4km az=69.0

ISC 29.21:47:22.3:0.5, 18.96N,0.07:145.9E:0.1,h200km,n49, a127/48,mb4.6/26, Mariana Islands

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

NEIC 29.21:52:48.9:1.1, 18.72N,0.10:145.7E:0.2,h181km,10km, mb4.4/10, Error ellipse: s-maj=32.0km s-min=8.5km az=110.0

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

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

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

IDC 29.21:57:24.6:1.0, 59.62N,152.28W,h126km,39km,mb3.9/2, mbtmp4.2/3, Error ellipse: s-maj=87.1km s-min=12.4km az=111.0

NEIC 29.21:57:24.9:0.9, 59.73N,0.00:153.15W:0.05, h109km,3km, Error ellipse: s-maj=5.8km s-min=1.8km az=140.0

AEIC 29.21:57:25.0:9.9, 59.72N,0.00:153.15W:0.08, h105km,3km, ML3.4/78,ML3.7/118(NEIC), Error ellipse: s-maj=6.0km s-min=4.7km az=118.0

ISC 29.21:57:24.9:0.9, 59.73N,0.00:153.15W:0.03, h111km,5km,n252,a083/272, Southern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OPT, P19K, ILSW, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, SNR, and other technical details. Includes stations like N19K Bonanza Creek, KAPH Katmai Pasha, CAPN Captain Cook N, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, SNR, and other technical details. Includes stations like TTA Talalina, SCM Sheep Creek Mo, K20K Telida, etc.

1622

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, SNR, and other technical details. Includes stations like SDPT Sand Point, H21K Melozitna Rive, CTG Chitina G, etc.

1622:00:37.40±0.8, 19°04'N:145°15'E, h0km, mb4.5/10, mbmp4.4/10, Error ellipse: s-maj=34.6km s-min=30.1km az=53.0

1622:01:01.0±0.7, 18°8'N:02°2'145°15'E±0.2, h200km, n33, α114°33', mb4.1/9, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other technical details. Includes stations like WRA Warramunga Arr, NVAR Mina Array Be, FINES FINES Array B, etc.

GUMO	90nm,0.6s,baz=309,slow=18,SNR=9.1	S	Sn	22 07 57.6	-2.4
GUMO	126nm,0.4s,baz=21,slow=22,SNR=8.4	S	Pn	22 06 59.8	-1.1
GUMO	Guam	5.03 189	Pn	22 07 52.0	-0.4
JCJ	Chichijima	9.08 340	Pn	22 07 52.0	-1.2
JCJ	30nm,0.4s,baz=67,slow=22,SNR=8.5	S	Sn	22 09 29.2	-5.8
JCJ	66nm,0.5s,baz=168,slow=23,SNR=2.5	S	Pn	22 07 51.6	-1.6
JCJ	Chichijima	9.08 340	Pn	22 07 56.0	+2.8
JCJ	Chichijima	9.08 340	Pn	22 09 13.9	+0.8
JHJ2	Mitsune	15.41 341	P	22 09 15.7	+2.4
JHJ2	Mitsune	15.41 341	P	22 09 15.6	+2.1
JHJ	Hachijo jima 2	15.42 341	P	22 09 31.1	+0.8
PATS	Honshu	19.93 132	P	22 09 45.4	+0.7
JOW	Kunigami	18.05 300	P	22 09 44.9	+0.2
JOW	Kunigami	18.05 300	P	22 09 45.2	+0.5
JYS	Yasato	18.24 346	P	22 09 47.1	+0.7
JMN	Monobe	18.43 327	P	22 09 48.6	+1.3
JGF	Kuroka	18.50 338	P	22 09 52.7	-0.7
JGF	comp=Z,23nm,0.8s	I	Amb	22 09 53.6	+0.1
MAJ0	Matsushiro Arr	19.07 341	P	22 09 52.7	-0.7
MAJ0	Matsushiro	19.07 341	P	22 09 53.6	+0.1
MAJ0	comp=Z,57nm,1.4s	I	Amb	22 09 54.2	+0.8
MAJ0	Matsushiro	19.07 341	P	22 10 02.0	+2.1
JMM	Marumori	19.69 348	P	22 10 02.0	+2.1
JMM	Saitoi	19.81 328	P	22 10 08.7	+0.6
JSD	Sado	20.45 343	P	22 10 14.4	
JSD	comp=Z,39nm,1.3s	I	Amb	22 10 20.0	+1.1
JTU	Tsushima	21.52 321	P	22 10 20.4	+1.1
JTU	comp=Z,58nm,1.5s	I	Amb	22 10 24.0	+0.6
YOJ	Yonaguni jima	21.91 289	P	22 10 24.0	+0.6
YOJ	comp=Z,41nm,1.3s	I	Amb	22 10 24.4	+1.0
YOJ	Yonaguni jima	21.91 289	P	22 10 29.7	+1.1
JTM	Tenmabayashi	22.49 351	P	22 10 37.0	+0.9
YULB	Yu-li	23.29 286	I	22 10 41.6	
YULB	comp=Z,19nm,1.1s	I	Amb	22 10 38.9	+1.7
YHNB	Yeheng	23.41 289	P	22 10 39.1	
YHNB	comp=Z,14nm,0.7s	I	Amb	22 10 38.1	+0.9
YHNB	Yeheng	23.41 289	P	22 10 40.2	+2.8
ERM	Erimo	23.46 355	P	22 10 39.3	+1.9
SSLB	Suanglung	23.65 287	P	22 10 40.6	+1.2
SSLB	comp=Z,18nm,0.6s	I	Amb	22 10 45.9	+1.5
SSLB	Suanglung	23.65 287	P	22 10 45.5	-0.6
SSLB	comp=Z,3.1nm,0.6s,baz=144,slow=8.7,SNR=12	pP		22 11 27.4	-1.4
SSLB	comp=Z,3.8nm,0.8s,baz=144,slow=9.1,SNR=4.0	pP		22 11 34.7	+1.7
FAKI	Fak Fak	25.15 213	P	22 10 36.5	+0.2
TOL12	Tolitoli	30.00 237	P	22 11 49.1	+1.0
KKM	Kota Kinabalu	31.34 250	P	22 11 48.7	+0.6
KKM	Kota Kinabalu	31.34 250	P	22 11 56.9	-0.6
COEN	Coen	32.43 185	I	22 12 30.3	
COEN	comp=Z,23nm,1.3s	I	Amb	22 11 58.1	-0.3
KLR	Kul'dur	32.58 343	P	22 11 58.1	-0.3
KLR	comp=Z,4.0nm,0.3s,baz=156,slow=9.1,SNR=16	PcP		22 14 39.4	-0.5
KLR	comp=Z,1.4nm,0.6s,baz=184,slow=0.4,SNR=2.7	P		22 12 13.8	-0.5
MTN	Manton Dam	34.38 206	P	22 12 38.8	+1.2
SBUM	Sibu	36.52 248	I	22 12 34.5	
SBUM	comp=Z,31nm,1.3s	I	Amb	22 12 44.6	+0.4
KNRA	Kunurra	37.92 207	P	22 12 48.6	+0.1
KNRA	comp=Z,21nm,0.7s	I	Amb	22 13 15.4	
CTAO	Charters Town	38.44 179	P	22 12 55.7	-0.5
CTAO	comp=Z,19nm,1.3s	I	Amb	22 12 58.9	-0.2
QIS	Mount Isa	39.36 189	P	22 12 58.9	-0.2
WBD	Warramunga Arr	39.70 197	I	22 13 20.4	
WBD	comp=Z,32nm,1.5s	I	Amb	22 12 59.6	-0.6
WR0	Warramunga Arr	39.84 197	P	22 12 59.7	-0.7
WRAB	Tennant Creek	39.87 197	P	22 13 00.3	-0.2
WB2	Warramunga Arr	39.88 197	I	22 13 01.0	
WB2	comp=Z,18nm,1.1s	I	Amb	22 13 00.1	-0.4
WRA	Warramunga Arr	39.88 197	P	22 15 01.3	-0.9
WRA	comp=Z,3.1nm,0.4s,baz=16,slow=3.5,SNR=18	PcP		22 13 13.5	+0.1
FITZ	Fitzroy Crossi	41.45 210	P	22 13 13.5	+0.1
FITZ	comp=Z,4.9nm,0.5s,baz=27,slow=10,SNR=33	P		22 13 13.5	+0.1
FITZ	Fitzroy Crossi	41.45 210	P	22 13 24.6	-0.2
FITZ	Fitzroy Crossi	41.45 210	P	22 13 24.6	-0.2
ULN	Ulanbaatar	42.87 322	P	22 13 24.6	-0.6
KOUNC	Koumac, New Ca	42.94 154	I	22 13 27.2	-0.5
KOUNC	comp=Z,40nm,1.2s	I	Amb	22 13 27.2	-0.5
SOMM	Songino Array	43.24 321	P	22 13 27.4	-0.3
SOMM	comp=Z,2.6nm,0.5s,baz=136,slow=8.9,SNR=16	P		22 13 31.1	+0.9
SOMM	AS31	43.25 321	P	22 13 29.6	-0.6
AS31	Alice Springs	43.55 196	P	22 13 29.6	-0.6
ASAR	Alice Springs	43.55 196	P	22 15 13.8	-0.6
ASAR	comp=Z,2.2nm,0.6s,baz=21,slow=2.6,SNR=7.9	PcP		22 13 31.1	+0.8
ASAR	Alice Springs	43.55 196	P	22 13 31.3	+0.6
UCM	Wanagana	43.57 236	P	22 13 36.7	+0.7
EIDS	Eidsvold	44.00 173	P	22 13 37.3	+0.2
CMAR	Chiang Mai Arr	44.25 278	P	22 13 38.5	+0.9
SEY	Seymour	44.55 4	P	22 13 39.6	-0.3
SEY	comp=Z,1.2nm,0.3s,baz=115,slow=12,SNR=5.5	P		22 13 39.6	-0.3
YAK	Yakutsk	44.84 349	P	22 13 39.7	-0.2
YAK	comp=Z,1.7nm,0.6s,baz=162,slow=1.6,SNR=12	P		22 13 43.4	-0.1
YAK	Yakutsk	44.84 349	P	22 13 43.6	+0.1
DZM	Mont Dzumac	45.21 152	P	22 13 43.6	+0.1
DZM	comp=Z,12nm,0.7s,baz=355,slow=11,SNR=3.6	P		22 13 43.6	+0.1
DZM	Mont Dzumac	45.21 152	P	22 13 43.6	+0.1
DZM	Mont Dzumac	45.21 152	P	22 13 49.9	+0.1
YATNC	Mamie plateau,	45.40 152	P	22 13 47.2	+0.2
OUENC	Ouen Island, N	45.69 152	P	22 13 47.2	+0.2
OUENC	Ouen Island, N	45.69 152	P	22 13 50.1	+1.2
KULM	Kulim	45.89 259	P	22 13 51.4	
KULM	comp=Z,22nm,1.1s	I	Amb	22 13 54.0	+0.1
WRKA	Warakuma	46.56 202	P	22 13 57.4	+0.1
MBWA	Marble Bar	46.99 214	I	22 14 22.9	+0.8
MBWA	comp=Z,29nm,1.4s	I	Amb	22 13 57.2	-0.1
MBWA	Marble Bar	46.99 214	P	22 13 58.1	0.0
OOD	Oodnadatta	47.12 192	P	22 13 59.7	+0.3
PSA00	Pilbara Seismi	47.27 214	I	22 13 59.2	-0.2
PSA00	comp=Z,28nm,1.4s	I	Amb	22 14 12.2	-0.8
PSA00	Pilbara Seismi	47.27 214	P	22 14 16.7	-0.3
PSA00	ARMa	49.05 173	P	22 14 22.9	+0.8
PSA00	Mulgathing	49.86 193	P	22 14 23.6	
MULG	Gungahlin	50.22 256	P	22 14 22.8	+0.8
GSI	Gungahlin	50.22 256	P	22 14 20.8	-1.7
GSI	comp=Z,2.8nm,0.7s,baz=11,slow=11,SNR=6.1	P		22 14 21.2	-1.3
STKA	Stephens Creek	50.33 185	P	22 14 26.7	+1.3
STKA	Lhasa	50.61 293	P	22 14 30.8	+1.2
GIRL	Giralia	51.24 218	P	22 14 30.7	+1.2

GIRL	Giralia	51.24 218	P	22 14 30.7	+1.2
AKUT	Akut	51.25 34	P	22 14 31.0	+0.9
AKUT	comp=Z,34nm,1.1s	I	Amb	22 14 31.4	
BBOO	Bucklebo	51.93 190	P	22 14 34.2	-0.2
BBOO	comp=Z,36nm,1.5s	I	Amb	22 15 16.4	
BBOO	Bucklebo	51.93 190	P	22 14 34.4	0.0
FORT	Forrest	51.94 199	P	22 14 35.2	+0.7
FORT	comp=Z,30nm,1.1s	I	Amb	22 14 48.5	
FORT	Forrest	51.94 199	P	22 14 35.2	+0.7
MEEK	Meekatharra	52.09 211	P	22 14 35.8	+0.1
CAN	Canberra	53.70 177	P	22 14 46.9	-0.5
CAN	comp=Z,23nm,1.3s	I	Amb	22 15 06.8	
SDPT	Sand Point	54.55 34	P	22 14 54.5	+1.2
MORW	Morawa	55.37 212	P	22 14 59.0	-0.4
MORW	comp=Z,14nm,0.9s	I	Amb	22 15 00.3	
MORW	Morawa	55.37 212	P	22 14 59.5	0.0
CHGN	Chignik	55.97 34	P	22 15 03.9	+0.6
CHGN	comp=Z,9.2nm,0.8s	I	Amb	22 15 20.6	
BLDR	Ballidu	56.32 210	P	22 15 06.1	-0.1
CHIRK	Chirkof Island	57.35 35	P	22 15 13.9	+0.5
MUR	Munding	57.69 210	P	22 15 17.7	0.0
NWAO	Narogin (SRO)	58.01 208	P	22 15 19.0	-0.1
NWAO	Narogin (SRO)	58.01 208	P	22 15 17.9	-0.1
ZAAO	Zalesovo Array	58.12 323	P	22 15 17.6	-0.9
ZAAO	comp=Z,18nm,1.3s	I	Amb	22 15 56.7	
ZALV	Zalesovo Beam	58.12 323	P	22 15 17.0	-1.5
ZALV	comp=Z,3.3nm,0.5s,baz=111,slow=7.9,SNR=14	pWP		22 16 06.2	-1.2
ZALV	comp=Z,3.3nm,0.5s	P		22 15 17.9	-0.6
ZALV	Zalesovo Beam	58.12 323	P	22 15 21.1	+1.4
SII	Sitkinak Island	58.29 34	P	22 15 21.2	+1.5
SII	Sitkinak Island	58.29 34	P	22 15 21.6	+0.1
MK31	Makanchi Array	58.55 314	P	22 15 21.2	-0.5
MKAR	Makanchi Array	58.55 314	P	22 16 08.5	+2.4
MKAR	comp=Z,0.6nm,0.4s,baz=70,slow=5.7,SNR=4.1	PcP		22 15 21.8	+0.1
MKAR	Makanchi Array	58.55 314	P	22 15 23.9	+1.9
N18K	Kilae Creek	58.64 29	P	22 15 22.9	-0.3
MAKZ	Makanchi	58.77 314	I	22 15 23.8	
MAKZ	comp=Z,7.9nm,0.6s	I	Amb	22 15 25.4	+1.5
SVWZ	Sparrvehov	58.92 29	P	22 15 25.4	+1.5
OHAK	Old Harbor	58.94 34	P	22 15 25.9	
OHAK	comp=Z,21nm,1.0s	I	Amb	22 15 26.0	+0.1
O19K	Cape Douglas,	59.20 32	P	22 15 28.5	+1.6
N19K	Bonanza Creek	59.34 30	P	22 15 30.1	
N19K	comp=Z,15nm,1.2s	I	Amb	22 15 35.9	
KDAK	Kodiak Island	59.44 33	P	22 15 28.0	+0.5
KDAK	comp=Z,5.7nm,0.7s,baz=290,slow=3.4,SNR=7.7	P		22 15 28.0	+0.5
KDAK	Kodiak Island	59.44 33	P	22 15 29.7	+1.1
L19K	White Mountain	59.60 28	P	22 15 29.4	+0.8
P19K	Oli Pt	59.62 29	P	22 15 34.7	+1.5
M20K	Styx River	59.68 29	P	22 15 34.8	
M20K	comp=Z,15nm,1.5s	I	Amb	22 15 35.0	-0.1
CNPM	China Poot	60.55 31	I	22 15 35.9	
CNPM	comp=Z,16nm,1.0s	I	Amb	22 15 36.8	+1.8
J20K	Nowata River	60.55 26	P	22 15 36.5	-0.1
BRLK	Bradley Lake	60.78 31	P	22 15 39.2	+1.0
PPLA	Purkeypile	60.99 28	I	22 15 48.5	
PPLA	comp=Z,21nm,1.2s	I	Amb	22 15 40.1	+1.0
PRZ	Przheval'sk	61.07 309	P	22 16 21.8	
PRZ	comp=Z,23nm,1.0s	I	Amb	22 15 41.7	+1.6
IMAR	Indian Moutai	61.31 24	P	22 15 40.0	-0.7
KURK	Kurchatov	61.37 318	I	22 15 42.3	
KURK	comp=Z,16nm,1.2s	I	Amb	22 15 41.4	0.0
O22K	Cooper Landing	61.51 31	P	22 15 43.2	+1.3
H21K	Melozira River	61.57 24	P	22 15 42.9	+0.5
RC01	Rabbit Creek A	61.64 30	P	22 15 42.3	-0.4
NR1K	Noril'sk	61.72 340	P	22 15 42.6	-0.1
NR1K	comp=Z,13nm,0.5s,baz=138,slow=7.2,SNR=12	P		22 15 42.6	-0.1
NR1K	Noril'sk	61.72 340	P	22 15 49.9	+0.2
TRF	Thorafore Moun	61.97 27	P	22 15 51.3	
TRF	comp=Z,15nm,1.2s	I	Amb	22 15 46.5	+0.5
GHO	Glory Hole Cre	62.18 29	I	22 15 59.2	
GHO	comp=Z,17nm,1.2s	I	Amb	22 15 47.8	
MLY	Manley	62.21 25	I	22 15 47.8	
PWL	Port Wells	62.26 30	P	22 15 46.7	+0.2
PWL	comp=Z,11nm,0.7s	I	Amb	22 15 47.4	
KNK	Knik Glacier	62.32 30	P	22 15 47.5	+0.6
KNK	comp=Z,29nm,1.5s	I	Amb	22 15 49.6	
SML	Sawmill	62.46 29	I		

PGC 29-22:34.3,50.15N,-114.99W,h49km,ML3.5/5,91km northeast of Cranbrook, BC Alberta, Canada Mining explosion,,Alberta

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time h m s, Res h s, ISC. Rows include PRDA Priddis, WALA Waterlon Lakes, BSMT Bassoo Peak, etc.

IDC 29-22:11:00.4z.2.7, 18.84N-145.42E,h230km,26km, mb3.8/25,mbtmp4/27, Error ellipse: s-maj=16.0km s-min=8.3km az=88.0

NEIC 29-22:11:08.2z.1.9, 18.94N-145.45E,0.1,h296km,3km, mb4.4/105, Error ellipse: s-maj=15.4km s-min=10.3km az=79.0

ISC 29-22:10:59.4z.0.4, 18.85N-145.50E,0.08,h214km, n169, s17/169,mb4.4/71, Mariana Islands

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time h m s, Res h s, ISC. Includes stations like JCJ Chichijima, JMJ Minamidaito, etc.

Main table of seismic stations (continued) with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time h m s, Res h s, ISC. Includes stations like DZM Mont Dzumac, OUCN Queen Island, etc.

Main table of seismic stations (continued) with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time h m s, Res h s, ISC. Includes stations like KEV Kevo, BMO Blue Mountains, etc.

29d 22h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like S12K Black Hills, TIXI Tiksi, SDPT Sand Point, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like O22K Cooper Landing, SEW Seward, H21K Melozitna Rive, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like RAGM Ragged Mountain, F24K Squaw Lake, PAX Paxson, etc.

1629

P19K	Oil Pt	59.74	31	P	P	22 37 06.9	-0.6
P19K	Oil Pt	59.74	31	P	P	22 37 07.8	+0.4
M20K	Styx River	60.41	29	P	P	22 37 13.0	+0.9
M20K	Styx River	60.41	29	P	P	22 37 13.1	+1.0
K20K	Telida	60.45	27	P	P	22 37 12.9	+0.8
K20K	Telida	60.45	27	P	Iamb	22 37 13.9	
K20K	Telida	60.45	27	P	P	22 37 13.1	+0.9
SPCR	Spurr Chakacha	60.65	29	P	P	22 37 14.7	+1.0
J20K	Nowinta River	60.69	26	P	P	22 37 14.9	+1.2
J20K	Nowinta River	60.69	26	P	P	22 37 14.8	+1.1
CNPM	China Pool	60.69	31	P	P	22 37 14.0	+0.1
CNPM	China Pool	60.69	31	P	Iamb	22 37 14.0	+0.1
BRSE	Bradley Lake S	60.98	31	P	P	22 37 16.2	+0.4
SKT	Skwentna	61.17	29	P	P	22 37 16.9	-0.2
SKT	Skwentna	61.17	29	P	Iamb	22 37 17.7	
SKT	Skwentna	61.17	29	P	P	22 37 16.8	-0.2
KURK	Kurchatov	61.37	318	P	P	22 37 18.0	-0.6
IMAR	Indian Moutai	61.45	24	P	P	22 37 19.4	+0.6
SEW	Seward	61.70	31	P	P	22 37 20.9	+0.4
H21K	Melozitna Rive	61.71	24	P	P	22 37 21.4	+0.8
H21K	Melozitna Rive	61.71	24	P	Iamb	22 37 22.5	
H21K	Melozitna Rive	61.71	24	P	P	22 37 21.9	+1.3
G21K	Allakaket	61.72	23	P	P	22 37 21.8	+1.1
NRIK	Noril'sk	61.78	340	P	P	22 37 20.1	-0.9
NRIK	Noril'sk	61.78	340	P	Iamb	22 37 20.3	-0.7
NRIK	Noril'sk	61.78	340	P	Iamb	22 37 20.9	
I21K	Tanana	61.89	25	P	P	22 37 23.3	+1.5
F21K	Alatna River	61.97	23	P	P	22 37 23.8	+1.5
TRF	Thorofare Moun	62.11	27	P	P	22 37 23.3	-0.2
TRF	Thorofare Moun	62.11	27	P	Iamb	22 37 24.1	
TRF	Thorofare Moun	62.11	27	P	P	22 37 23.9	+0.4
PMR	Palmer	62.18	29	P	P	22 37 23.8	0.0
H22K	Ishaitina Cre	62.34	24	P	P	22 37 25.9	+1.1
MLY	Manley	62.35	25	P	P	22 37 25.7	+0.8
MLY	Manley	62.35	25	P	Iamb	22 37 26.3	
MLY	Manley	62.35	25	P	P	22 37 25.9	+1.0
PWL	Port Wells	62.40	30	P	P	22 37 26.0	+0.7
PWL	Port Wells	62.40	30	P	P	22 37 25.8	+0.5
KNK	Knik Glacier	62.45	30	P	P	22 37 26.1	+0.5
KNK	Knik Glacier	62.45	30	P	P	22 37 26.6	+0.9
F22K	John River	62.54	23	P	P	22 37 27.3	+1.2
SML	Sawmill	62.60	29	P	P	22 37 26.9	+0.3
SML	Sawmill	62.60	29	P	P	22 37 26.9	+0.3
BWN	Browne	62.65	27	P	P	22 37 28.1	+1.3
WAT1	Susitna Watana	62.72	28	P	P	22 37 27.8	+0.4
BOOM	Boomsokoye usch	62.87	309	P	P	22 37 29.1	+0.1
NEA2	Nenana	62.92	26	P	P	22 37 29.5	+0.8
I23K	Minto, Yukon-K	62.94	25	P	P	22 37 29.6	+0.9
I23K	Minto, Yukon-K	62.94	25	P	Iamb	22 37 30.4	
I23K	Minto, Yukon-K	62.94	25	P	P	22 37 29.6	+0.9
GLI	Glacier Island	63.00	30	P	P	22 37 29.1	-0.1
GLI	Glacier Island	63.00	30	P	Iamb	22 38 00.1	
GLI	Glacier Island	63.00	30	P	P	22 37 29.7	+0.5
WAT6	Susitna Watana	63.03	28	P	P	22 37 30.0	+0.4
H23K	Yukon River	63.05	25	P	P	22 37 30.4	+0.9
H23K	Yukon River	63.05	25	P	Iamb	22 37 31.1	
SCM	Sheep Creek Mo	63.07	29	P	P	22 37 30.0	+0.2
SCM	Sheep Creek Mo	63.07	29	P	P	22 37 30.6	+0.9
G23K	Bananza Creek	63.10	24	P	P	22 37 30.7	+0.9
Q23K	Middleton Isla	63.11	32	P	P	22 37 31.1	+1.2
COLD	Coldfoot	63.18	23	P	P	22 37 31.2	+0.9
COLD	Coldfoot	63.18	23	P	Iamb	22 37 32.2	
COLD	Coldfoot	63.18	23	P	P	22 37 31.7	+1.3
FID	Port Fidalgo	63.27	31	P	P	22 37 31.5	+0.5
FID	Port Fidalgo	63.27	31	P	Iamb	22 37 32.0	
DHY	Denali Highway	63.30	28	P	P	22 37 31.8	+0.5
DHY	Denali Highway	63.30	28	P	Iamb	22 38 09.4	
DHY	Denali Highway	63.30	28	P	P	22 37 31.9	+0.6
MDM	Murphy Dome	63.36	26	P	P	22 37 32.5	+0.9
MDM	Murphy Dome	63.36	26	P	Iamb	22 37 33.0	
CCB	Clear Creek Bu	63.46	26	P	P	22 37 32.1	-0.1
D23K	Nanushuk River	63.54	21	P	P	22 37 34.0	+1.4
KLU	Klutina	63.67	30	P	P	22 37 34.1	+0.4
KLU	Klutina	63.67	30	P	Iamb	22 37 35.2	
KLU	Klutina	63.67	30	P	P	22 37 34.1	+0.4
H24K	Noodor Dome	63.71	25	P	P	22 37 34.5	+0.6
H24K	Noodor Dome	63.71	25	P	Iamb	22 37 35.3	
H24K	Noodor Dome	63.71	25	P	P	22 37 34.7	+0.8
POKR	Poker Flat Res	63.72	26	P	P	22 37 34.2	+0.3
URZ	Urewera	63.73	153	P	P	22 37 34.6	+0.4
HDA	Harding Lake	63.77	27	P	P	22 37 33.8	-0.4
HDA	Harding Lake	63.77	27	P	Iamb	22 37 34.1	
HDA	Harding Lake	63.77	27	P	P	22 37 33.6	-0.6
TOLK	Toolik Lake Re	63.82	22	P	P	22 37 35.5	+0.9
TOLK	Toolik Lake Re	63.82	22	P	Iamb	22 37 36.4	
TOLK	Toolik Lake Re	63.82	22	P	P	22 37 36.1	+1.5
C23K	Iklikil River	63.83	20	P	P	22 37 36.0	+1.5
IL31	Elison Array	63.87	26	P	P	22 37 34.1	-0.7
IL31	Elison Array	63.87	26	P	Iamb	22 37 34.6	
ILAR	Eielson Array	63.87	26	P	P	22 37 33.5	-1.3
ILAR	Eielson Array	63.87	26	P	Iamb	22 37 34.0	-0.9
E24K	Your Creek	64.05	22	P	P	22 37 37.5	+1.5
G24K	Hadweencin Riv	64.08	24	P	P	22 37 37.3	+1.1
QRZ	Quartz Range	64.09	158	P	P	22 37 36.5	0.0
F24K	Squaw Lake	64.12	23	P	P	22 37 38.0	+1.5
PAX	Paxson	64.13	28	P	P	22 37 37.1	+0.4
PAX	Paxson	64.13	28	P	Iamb	22 37 37.8	
PAX	Paxson	64.13	28	P	P	22 37 37.1	+0.4
KAM	Kayak Island	64.16	32	P	P	22 37 38.2	+1.5

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KAIM	Kayak Island	64.16	32	P	P	22 37 38.6	+1.8
HARP	HAARP	64.18	29	P	P	22 37 37.9	+0.9
BMRM	Bremner River	64.21	31	P	P	22 37 38.1	+0.9
BMRM	Bremner River	64.21	31	P	P	22 37 38.7	+1.5
D24K	Happy Valley	64.23	21	P	P	22 37 38.4	+1.3
HMT	Harmilton	64.29	31	P	P	22 37 38.4	+0.7
N25K	Chitina, Valde	64.31	30	P	P	22 37 38.9	+1.1
N25K	Chitina, Valde	64.31	30	P	Iamb	22 37 40.2	
N25K	Chitina, Valde	64.31	30	P	P	22 37 39.0	+1.1
C24K	Franklin Bluff	64.43	21	P	P	22 37 39.4	+1.0
J25K	Salcha River,	64.48	26	P	P	22 37 38.5	-0.4
J25K	Salcha River,	64.48	26	P	P	22 37 38.0	-0.9
RIDG	Independent Ri	64.55	27	P	P	22 37 40.2	+0.9
RIDG	Independent Ri	64.55	27	P	P	22 37 39.9	+0.6
GLB	Gilahina Butte	64.66	30	P	P	22 37 38.8	-1.3
GLB	Gilahina Butte	64.66	30	P	Iamb	22 38 08.2	
VRDI	Verde Repeater	64.80	30	P	P	22 37 41.5	+0.3
VRDI	Verde Repeater	64.80	30	P	Iamb	22 37 42.4	
DOT	Dot Lake	64.88	28	P	P	22 37 41.6	+0.2
DOT	Dot Lake	64.88	28	P	Iamb	22 37 42.2	
CRQE	Cirque	64.92	31	P	P	22 37 42.3	+0.4
SCRK	Sand Creek	64.96	27	P	P	22 37 42.3	+0.2
SCRK	Sand Creek	64.96	27	P	Iamb	22 37 43.0	
SCRK	Sand Creek	64.96	27	P	P	22 37 42.4	+0.2
F25K	Christian River	64.98	23	P	P	22 37 43.4	+1.4
D25K	Kavik River	65.12	21	P	P	22 37 43.8	+0.9
J26L	Joseph Creek	65.23	27	P	P	22 37 43.9	+0.1
J26L	Joseph Creek	65.23	27	P	Iamb	22 37 44.7	
J26L	Joseph Creek	65.23	27	P	P	22 37 43.8	0.0
BMAR	Burnt Mountain	65.35	23	P	P	22 37 45.7	+1.5
MESA	MESA	65.41	32	P	P	22 37 45.7	+0.8
I26K	Coal Creek Min	65.53	26	P	P	22 37 44.8	-0.8
I26K	Coal Creek Min	65.53	26	P	P	22 37 44.3	-1.3
G26K	Porcupine Rive	65.56	24	P	P	22 37 47.0	+1.3
F26K	Granite Creek	65.56	23	P	P	22 37 46.7	+1.8
GRNC	Granite Creek	65.57	31	P	P	22 37 46.7	+0.6
GRNC	Granite Creek	65.57	31	P	Iamb	22 37 47.5	
M27K	Edge Creek, AK	65.68	29	P	P	22 37 47.4	+0.6
LTZ	Lake Taylor	65.72	159	P	P	22 37 46.2	-0.8
C26K	Camden Bay	65.75	21	P	P	22 37 48.9	+2.0
L27K	Beaver Creek,	65.79	28	P	P	22 37 48.0	+0.6
L27K	Beaver Creek,	65.79	28	P	P	22 37 47.9	+0.6
CTG	Chitna Glacier	65.79	31	P	P	22 37 49.1	+1.6
K27K	Chicken	65.80	27	P	P	22 37 48.5	+1.1
K27K	Chicken	65.80	27	P	P	22 37 48.1	+0.7
BCAR	Beaver Creek A	65.81	28	P	P	22 37 47.9	+0.4
TABL	Table Mountain	65.84	31	P	P	22 37 48.8	+0.9
KHZL	Kahutara	65.85	158	P	P	22 37 48.4	+0.6
LOGN	Logan Glacier	65.94	31	P	P	22 37 48.6	+0.1
LOGN	Logan Glacier	65.94	31	P	Iamb	22 37 50.1	
C27K	Jago River	66.10	21	P	P	22 37 50.2	+1.0
BVCY	Beaver Creek	66.16	29	P	P	22 37 50.1	+0.4
PINM	Pinnacle	66.25	32	P	P	22 37 51.2	+0.9
YUK3	Moose Creek	66.29	30	P	P	22 37 52.1	+1.4
O28M							

29d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WUAZ Wupatki, T14C Organ Pipe Nat, N23A Red Feather La, etc.

GUC 29 22:31:45.6:0.0,20.89S:67.92W,h183km,7km,ML3.7,
SCB 29 22:31:47.6:0.0,20.89S:67.84W,h159km,1km,ML3.7/2,
Error ellipse: s-maj=4.6km s-min=2.8km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BO02 Sierra Bellavi, BR11 IPOC Station P, etc.

IDC 29 22:36:25.5:2.0,0.02N:125.97E,h0km,mb3.4/3,
mbtmp3.4/3,Error ellipse: s-maj=184.4km s-min=27.0km
az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DJA 29 22:36:26.5:0.3,0.14N:107.126E, etc.

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IDC 29 22:36:49.8:1.4,12.56N:143.12E,h0km,mb3.8/4,
mbtmp3.8/4,Error ellipse: s-maj=151.0km
s-min=24.3km az=112.0, South of Mariana Islands

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

TIR 29 22:38:32.7:43.65N:18.62E,h9km,5km,MI4.1
PRU 29 22:38:33.1:0.0,43.72N:18.99E,h0km
LDG 29 22:38:34.6:0.2,43.83N:18.94E,h2km,MI3.8/13,Error
ellipse: s-maj=6.6km s-min=3.3km az=12.0

BEO 29 22:38:34.9:0.2,43.71N:18.74E,h11km,1km,ML3.6/21
PDG 29 22:38:34.4:0.4,43.74N:18.84E,h10km,MD3.9/11,
ML3.9/12,Error ellipse: s-maj=0.5km s-min=0.5km az=0.0

RHSSO 29 22:38:35.1:0.2,43.70N:18.80E,h6km,2km,ML3.9/20
IDC 29 22:38:35.6:1.0,43.80N:18.63E,h0km,mb3.7/6,
mbtmp3.6/14,ML3.5/8,Error ellipse: s-maj=17.8km
s-min=1.2km az=38.0

MCSM 29 22:38:35.3:1.1,44.7N:19.9E,h4km,3km,mb4.0
ISC 29 22:38:34.2:1.1,43.73N:18.01E,h1879E,0.02,h1km,8km,
n265,+1881/385,mb3.7/6,24C-28D,Northwestern Balkan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUDO Rudo, BBLs Lazii#263i, UPM Unac-Piva, etc.

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

1630

Table with columns: JCD, Chichijima, 8.59 341 P, Pn, 23 28 24.9 0.0, 36m, 0.6s, baz=254, slow=20, SNR=1.0

IDC 29:23:31.58:1.2, 19.00N:147.20E, h0km, mb3.7/7, mbtm3.7/7, Error ellipse: s-maj=122.1km s-min=21.6km az=85.0, Mariana Islands region

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

IDC 29:23:35.56:9.2, 1.35S:150.30E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=171.3km s-min=31.2km az=122.0, New Ireland region

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

IDC 29:23:40.38:4.1, 0.36S:150.04E, h0km, mb4.3/7, mbtm4.3/9, ML2.4/2, Error ellipse: s-maj=23.9km s-min=22.4km az=104.0

NEIC 29:23:40.1:3.0, 3.28S:0.04:150.10E:0.07, h30km, 6km, mb4.5/32, Error ellipse: s-maj=9.6km s-min=5.5km az=83.0

ISC 29:23:40.39:7.0, 7.347S:0.08:150.17E:0.06, h19km, n26, s185/27, mb4.6/14, New Ireland region

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

IDC 29:23:42.43:1.1, 1.9, 54N:145.59E, h200km, 18km, mb3.7/22, mbtm4.3/26, Error ellipse: s-maj=15.3km s-min=8.0km az=81.0

NEIC 29:23:42.43:1.1, 1.8, 50N:0.07:145.6E:0.1, h187km, 7km, mb4.4/101, Error ellipse: s-maj=15.3km s-min=9.9km az=85.0

ISC 29:23:42.43:4.0, 3, 18.52N:0.04:145.61E:0.08, h200km, n177, s185/174, mb4.3/70, Mariana Islands

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

IDC 29:23:42.43:1.1, 1.9, 54N:145.59E, h200km, 18km, mb3.7/22, mbtm4.3/26, Error ellipse: s-maj=15.3km s-min=8.0km az=81.0

NEIC 29:23:42.43:1.1, 1.8, 50N:0.07:145.6E:0.1, h187km, 7km, mb4.4/101, Error ellipse: s-maj=15.3km s-min=9.9km az=85.0

ISC 29:23:42.43:4.0, 3, 18.52N:0.04:145.61E:0.08, h200km, n177, s185/174, mb4.3/70, Mariana Islands

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

Main table with columns: JOW, Kunigami, 17.99 300 Iamb Iamb, 23 46 36.7, 9.9nm, 0.7s, baz=109, slow=17, SNR=2.8

Main table with columns: MAKZ, Makanchi, 58.74 314 P P, 23 52 20.9 +0.6, 5.9nm, 0.7s, baz=109, slow=17, SNR=2.8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARCES ACCESS Array B, KVN Kaiserville, NVAR Mina Array Bea, etc.

RSNC 30 00:04:40.7±1.0, 6.82N-73.14W, h151km, 4km, ML3.0, Mw3.5, 3C-2D, Northern Colombia

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BJI, MOS, IDC, NEIC, NOU, etc.

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

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

30d Oh

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like PSA00, SANI, MBWA, etc.

2016 JUL

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SSSLB, JUNU, YHNB, etc.

1634

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like Q17K, Q16K, Q16K, etc.

1635 2016 JUL 30d 0h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and Signal Quality. Includes stations like VNA1, VCNR, SML, MPMC, SONM, SONM, SONM, GSC, GSC, K04D, BELC, J04A, J04D, LHV, LHV, SCM, HEC, BGLC, J20K, PAHR, I04A, QSM, LCH, LCH, BC3, KLU, BMRM, NVAR, GRAC, H03D, H04D, FURC, GWY, GO10, GO10, MG05, MG05, PLTX, PLTX, M04D, GMRC, K05A, K05A, SLBS, SLBS, SHOC, CRQE, J05D, TUQ, IRM, H04A, H04A, N25K, E03A, TPH, TPH, F04D, BLYC, PINE, I05D, TPNV, TPNV, PINM, 113A, F04A, O09A, CTG, CTGM, HOOD, HOOD, PDMCI, G05D, 214A, 214A, 214A, 028M, SHRP, SHRP, P29M, P29M, S11A, G0MU, G0MU, HSG, HSG, M26K, WRAK, WRAK, WRAK.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and Signal Quality. Includes stations like WWOR, WWOR, WWOR, BMN, BMN, BMN, PGC, PGC, W13A, W13A, K24K, D05A, D05A, I07A, PLBC, R11A, R11A, R11A, HDA, H22K, G21K, YUK3, RIDG, P30M, YUK6, J08A, DOT, ILAR, ILAR, ILAR, BVCY, YUK4, HYT, HYT, L27K, L27K, J25K, F21K, ZAK, ZAK, ZAK, O30N, T35M, M04D, HAWA, N30M, G23K, J26L, TUC, TUC, TUC, TUC, P32M, LCMT, K27K, F22K, CCUT, CCUT, PSUT, WHY, COLD, X16A, SZCU, N31M, N31M, N31M, U15A, U15A, BMO, BMO, I26K, I26K, M30M, M30M, M30M, WUAZ, WUAZ, WUAZ, 319A, 319A, DLBC, MFD, MFD, DAWY, DAWY, DAWY, B08A, R33M, F10A, F10A, MTPU, MTPU, N32M, MVU, MVU, E24K, M31M, MSU.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and Signal Quality. Includes stations like MSU, MSU, PLID, PLID, DUG, DUG, DUG, G26K, F25K, BGU, HLID, HLID, NLU, I29M, I29M, F26K, G27K, NEW, Q16A, Q16A, HVU, HVU, HVU, C23K, TMUT, TMUT, LL02, 121A, CTU, CTU, C24K, D25K, TCUT, TCUT, E27K, P18A, P18A, MCMT, C26K, LENN, PV23, PV23, C27K, PV13, PV07, PV07, PV15, PV15, RDMU, REDW, REDW, ANMO, ANMO, ANMO, IMW, BOZ, YHL, PLCA, TX31, TXAR, TXAR, TXAR, TXAR, O20A, O20A, O20A, BWO6, PD31, PDAR, PDAR, PDAR, S22A, S22A, INK, INK, WMQ, EGMT, MSTX, AMTX, ABTX, YKA, KURBB, KURBB, TZTN, P52A, ARU, ARU, ARU, ARU, ARU, SUTHERLAND, AKTO, BOSA, SPITS, SPITS, BINY, LONY, PAL.

30d Oh

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BAUV, L61B, LBNH, etc.

2016 JUL

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KHC, Kasperke Hory, KHC, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DAVA, comp=Z,9.7nm,0.8s, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SSSLB Suanglung, TYC Yuchr, YULB Yu-li, etc.

KRNET 30 00:37:25.5 0.1, 39.38N, 73.46E, mb3.6
SOME 30 00:37:28.6, 39.43N, 73.28E, h5km
NINC 30 00:37:29.5 1.6, 39.49N, 73.51E, h0km, mb3.8, mpv3.5,

Main table for 1637 containing station data for OSH, GAR, ARLS, TRKS, UCH, MRKS, CHMS, IUG, etc.

IDC 30 00:39:13.2 3.4, 39.00N, 73.94E, h0km, mb3.6/5
mbmp3.6/8, ML3.2/3, Error ellipse: s-maj=67.1km
s-min=22.9km az=119.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OSH, GAR, ARLS.

Main table for 2016 JUL containing station data for AML, UCH, EKS2, MRKS, AAK, ULHL, CHMS, IUG, DZA, TKM2, USP, KST, SGDS, KK31, KK32, KK33, MTBS, KRBS, KRBS, KRBS, KRBS, KRBS, KU, KU, KU, CHHK, CHHK, CHHK, SATY, SATY, SATY, KURS, KURS, KURS, BTLS, BTLS, UZB, UZB, UZB, AKTO, ZALV, FINES, FINES, ARCES, HFS, NOA, TORD, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, NEIC, IDC, etc.

Main table for 30d Oh containing station data for RAO, RAO, MSVF, URZ, CTAO, BBOO, ASAR, WRO, WB2, WRA, WRA, WRO, FORT, KNRA, FITZ, FITZ, MORW, QSPA, KKM, BELA, MAW, MAW, TROLL, SNA, SNA, VNA, VNA, VNA, VNA, BTR, BTR, etc.

IDC 30 00:42:17.2 2.1, 18.91N, 145.82E, h0km, mb3.9/6,
mbtmp4.0/7, ML4.7/1, MS4.7/2, Error ellipse:

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JUNU, HNR, WRA, FITZ, KURBS, NRIK, AKTO, ARCES, FINES, etc.

NEIC 30 00:45:39.6 1.6, 18.65N, 145.5E, 0.3, h191km, 12km,
mb3.7/8, Error ellipse: s-maj=38.7km s-min=5.6km
az=88.0

IDC 30 00:45:46.9 2.1, 18.69N, 145.39E, h277km, 221km,
mb3.1/7, mbtmp3.7/7, Error ellipse: s-maj=42.6km
s-min=35.9km az=93.0

ISC 30 00:45:39.9 1.0, 18.6N, 145.5E, 0.2, h200km, n18,
az=68/16, mb3.6/10, Mariana Islands

Main table for 30d Oh containing station data for WB0, WB2, WRA, WRA, FITZ, FITZ, ASAR, MKAR, MAKZ, KURK, KURK, KURB, H2IK, H2IK, ILAR, BMAR, BRVK, ABKAR, NVAR, FINES, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC, IDC, etc.

30d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like WBO, WB2, WRA, WRM, FITZ, ZALV, MKAR, KURBB, NRIK, H21K, COLD, IL31, ILAR, BMAR, BRVK, KKAR, N31M, INK, ARBK, ARCS, NVAR, FINES, IDC, NNC, NEIC, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC.

2016 JUL

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like NRIK, FIA1, FINE, FINE, HFS, NC405, NC303, NC405, NOA, NC204, SALO, SALO, TAXI, TORI, ILAR, WRA, ASAR, NOU, NEIC, IDC, ISC, 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. Rows include stations like SMAI, ZALV, ARCS, FINE, NB2, ESDC, IDC, WRA, ASAR, FINE, IDC, WRA, FINE, BER, IEPN, DNK, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Beaver Creek A, Minto, Yukon, Inuvik, etc.

KRNET 30 03:17:38.6:0.1, 39°13'N; 74°19'E, mb3.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Aral, Arls, Garz, etc.

IDC 30 03:23:53.2:13.0, 3.68N; 127.43E, h0km, mb3.8/3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like WRA, ASAR, STKA, etc.

IDC 30 03:31:03.5:6.5, 4.40S; 144.26E, h100km, mb3.9/4

NEIC 30 03:31:04.6:1.1, 4.48S; 0.08; 144.26E:0.09, h99km, 6km, mb4.4/16, Error ellipse: s-maj=13.6km s-min=10.4km

ISC 30 03:31:04.2:0.7, 4.52S; 0.07; 144.32E:0.09, h100km, n28, 0.89N/29, mb4.3/9, Near north coast of New Guinea

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like MANU, PMG, SOEI, AS31, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like GUMO, GUMO, GUMO, etc.

NEIC 30 03:49:32.6:1.8, 18.8N; 0.1; 145.3E:0.4, h172km, 3km, mb3.7/7, Error ellipse: s-maj=49.1km s-min=14.6km

IDC 30 03:49:34.3:4.1, 18.90N; 145.06E, h205km, 38km, mb3.1/5, mbmp3.7/6, Error ellipse: s-maj=72.6km s-min=21.6km

ISC 30 03:49:34.1:0.9, 18.7N; 0.1; 145.4E:0.4, h200km, n15, 0.136/16, mb3.5/10, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like GUMO, GUMO, GUMO, etc.

NEIC 30 03:49:32.6:1.8, 18.8N; 0.1; 145.3E:0.4, h172km, 3km, mb3.7/7, Error ellipse: s-maj=49.1km s-min=14.6km

IDC 30 03:49:34.3:4.1, 18.90N; 145.06E, h205km, 38km, mb3.1/5, mbmp3.7/6, Error ellipse: s-maj=72.6km s-min=21.6km

ISC 30 03:49:34.1:0.9, 18.7N; 0.1; 145.4E:0.4, h200km, n15, 0.136/16, mb3.5/10, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like GUMO, GUMO, GUMO, etc.

IDC 30 04:01:03.6:2.4, 18.72N; 145.42E, h226km, 23km, mb3.4/6, mbmp4.1/9, Error ellipse: s-maj=34.8km s-min=13.3km

ISC 30 04:01:02.1:1.0, 18.72N; 145.42E:0.03, h200km, n10, 0.139/10, mb3.5/6, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like GUMO, GUMO, GUMO, etc.

KRSC 30 04:17:59.6:0.5, 55.76N; 162.27E, h73km, 11km, ML4.6

MOS 30 04:18:00.0:0.6, 55.82N; 162.28E, h83km, mb4.2/8, Error ellipse: s-maj=9.7km s-min=4.5km az=71.9

IDC 30 04:18:03.7:3.1, 55.79N; 161.74E, h78km, 30km, mb3.6/14, mbmp3.9/15, Error ellipse: s-maj=17.5km s-min=15.0km

NEIC 30 04:18:04.6:0.9, 55.8N; 0.1; 161.8E:0.2, h94km, 11km, mb4.2/14, Error ellipse: s-maj=21.6km s-min=6.7km

ISC 30 04:18:01.7:0.8, 55.77N; 162.22E:0.03, h66km, 7km, n143, 0.129/178, mb4.1/23, Near east coast of Kamchatka Peninsula

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KBTR, KBTR, KBTR, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like OSSR, PALN, PEAOB, etc.

ADC 30 04:36:51.1, 1.6, 18.67N; 145.56E, h210km, 16km, mb3.6/14, mbtm4.2/17, Error ellipse: s-maj=20.1 km s-min=9.5km az=94.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like GUMO, JCJ, JYJ, etc.

ADC 30 04:44:10.7, 0.9, 18.56N; 145.54E, h214km, 8km, mb3.4/13, mbtm4.0/16, Error ellipse: s-maj=18.4km s-min=9.3km az=91.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like AS31, ASAR, ASAO, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like ROM 30 04:59:36.0, RM33, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like NEIC 30 05:01:03.5, GUMO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTN Manton Dam, WRA Warramunga Arr, SONMI Songino Array, etc.

IDC 30 05:01:45.8-8.8, 1.65N-99.61W, h0km, mb3.7/4, mbmt3.7/4, Error ellipse: s-maj=244.4km s-min=128.4km az=106.0, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, H03N2 Juan Fernandez, etc.

TEH 30 05:04:19.9, 26.97N-61.72E, h11km, ML3.8, IDC 30 05:04:22.3-1.3, 26.92N-61.87E, h49km, 7km, mb3.6/14, mbmt3.9/16, Error ellipse: s-maj=26.0km s-min=16.6km az=151.0

OMAN 30 05:04:29.4-0.5, 26.42N-61.26E, h10km, mb5.1/1, m3.9/12, Error ellipse: s-maj=8.9km s-min=3.3km az=29.0

ISC 30 05:04:21.6-0.7, 26.82N-0.05-61.91E, h0.06, h50km, n73, e204/93, mb4.0/14, 1D, Southern Irian

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SRVN Saravan, NGCH Negor - Chabah, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BANOM Banah, SHME Shamim, NGRK Negar Kerman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JNB Noboribetsu, JNR Hokuryu, ERMO Erimo, etc.

1645

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hagfors, NORSTAR Subarra, NOARSAR Array B, etc.

IDC 30 05:25:32.7-1.9, 13.15N-91.96W, h90km, 112km, Md4.4, INET 30 05:25:44.8-1.0, 13.194N-91.44W, h156km, MW4.6, SNET 30 05:25:45.1-1.2, 13.196N-91.44W, h50km, ML4.6, UCR 30 05:25:45.7-1.6, 14.00N-91.42W, h50km, ML4.3, MW3.9, mb4.4(NEIC)

IDC 30 05:25:45.0-1.9, 14.01N-90.89W, h58km, 5km, mb3.7/8, mbmp3.9/9, Error ellipse: s-maj=31.7km s-min=14.9km az=51.0

NEIC 30 05:25:46.8, 14.05N-91.41W, h54km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=-4.96; Mw=2.07; M2=2.76; M3=1.32; M4=2.16; M5=2.85; Fault plane solution: Ms=75000-1015; NP1=147.16000; 0.6157000; -0.8239000; NP2=311.48000; 829.35000; -1.10375000. Principal axes: T=5.5334, P1=6.0000, Azm232.0000; N=0.4086, P1=7.0000, Azm324.0000; P=-5.9420, P1=72.0000, Azm75.0000

NEIC 30 05:25:46.2-1.9, 14.01N-90.89W, h58km, 5km, mb3.7/8, mb4.5/64, Mw4.4/13, Md4.5(SNET) Error ellipse: s-maj=14.2km s-min=7.8km az=220.0

IDC 30 05:25:44.8-0.6, 13.98N-0.05-91.45W-0.05, h58km, 5km, n207, s147/249, mb4.3/23, 52C-29D, Near coast of Guatemala

Main table for station 1645 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Fitzroy Crossi, etc.

GCG 30 05:25:32.7-1.9, 13.15N-91.96W, h90km, 112km, Md4.4, INET 30 05:25:44.8-1.0, 13.194N-91.44W, h156km, MW4.6, SNET 30 05:25:45.1-1.2, 13.196N-91.44W, h50km, ML4.6, UCR 30 05:25:45.7-1.6, 14.00N-91.42W, h50km, ML4.3, MW3.9, mb4.4(NEIC)

IDC 30 05:25:45.0-1.9, 14.01N-90.89W, h58km, 5km, mb3.7/8, mbmp3.9/9, Error ellipse: s-maj=31.7km s-min=14.9km az=51.0

NEIC 30 05:25:46.8, 14.05N-91.41W, h54km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=-4.96; Mw=2.07; M2=2.76; M3=1.32; M4=2.16; M5=2.85; Fault plane solution: Ms=75000-1015; NP1=147.16000; 0.6157000; -0.8239000; NP2=311.48000; 829.35000; -1.10375000. Principal axes: T=5.5334, P1=6.0000, Azm232.0000; N=0.4086, P1=7.0000, Azm324.0000; P=-5.9420, P1=72.0000, Azm75.0000

NEIC 30 05:25:46.2-1.9, 14.01N-90.89W, h58km, 5km, mb3.7/8, mb4.5/64, Mw4.4/13, Md4.5(SNET) Error ellipse: s-maj=14.2km s-min=7.8km az=220.0

IDC 30 05:25:44.8-0.6, 13.98N-0.05-91.45W-0.05, h58km, 5km, n207, s147/249, mb4.3/23, 52C-29D, Near coast of Guatemala

Main table for station 1645 (continued) with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Retalhuleu, Santiago 3, Fuego 3, Pacaya, Las Nubes, Huehuetenango, etc.

2016 JUL

Main table for station 2016 JUL with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Las Nubes, Cerro Verde, Marmol, Montecristo, Boqueron, Universidad Ev, etc.

30d 5h

Main table for station 30d 5h with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Soroa, Zacatecas, San Jacinto, Indianay, Disney Wildern, Ciudad Bolivar, etc.

30d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Circle Bar Ran, Beach Ranch, Hood Wood Hema, San Ignacio, Schefferville, etc.

DDA 30 06:11:47.4±0.0, 40.33N, 33.35E, h11km, 2km, MW3.7
ISK 30 06:11:47.1, 40.32N, 33.32E, h4km, ML3.6/33
ISC 30 06:11:48.1±0.9, 40.33N, 0.02, 33.35E, 0.02, h10km, 7km, n82, 1504/117, 15C-1D, Turkey

Main table for 30d 6h data, listing station codes, names, coordinates, and seismic parameters.

2016 JUL

Table with columns: CIDE, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kozakli-Nevehse, Mudurnu, Sivrihisar, etc.

IDC 30 06:26:07.8±4.3, 18.44N, 146.62E, h0km, mb3.5/3, mbmtmp3.5/3, Error ellipse: s-maj=302.7km s-min=34.1km az=121.0, Mariana Islands

Main table for 2016 JUL data, listing station codes, names, coordinates, and seismic parameters.

1646

Table with columns: CHKK, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chushkaly, Karabastau, Karabastau, etc.

IDC 30 06:36:40.4±2.0, 2.58N, 128.87E, h0km, mb3.5/3, mbmtmp3.5/3, Error ellipse: s-maj=148.9km s-min=27.9km az=72.0, Halmahera

Main table for 1646 data, listing station codes, names, coordinates, and seismic parameters.

Table with columns: SEY, comp, Z, 0.8nm, 0.5s, baz=321, slow=6.3, SNR=4.5, LR, LR, 07 59 46.6, etc. Includes rows for BOD, H1S3, H1S1, H1S2, GYA, GTA, GOMU, WMO, ZAAO, ZALV, ZALV, NRIK, MK31, MKAR, MAKZ, KURK, H23K, NEA2, MDM, KSH, IL31, ILAR, ILAR, BVAR, BRVK, L26K, K27K, L27K, BCAR, KKAR, WRA, CHGR, SVE, ARU, ARU, ARU, FARO, ABKAR, AKTO, ASAR, KIRV, BBB, KLMR, KLMR.

Table with columns: KLMR, comp, Z, 5.0nm, 0.7s, 64.66 328 eP, AMP, P, 07 51 10.8 -0.7, etc. Includes rows for ARCES, STKA, FINES, KBZ, KIV, AKASO, HFS, NB2, NOA, HRY, BOZ, BOZ, NVAR, SFJD, PDAR, BUR08, BRTR, BRTR, RAYN, RAYN, CLL, CLL, GERES, EKA, TXAR, H03N2, H03N3, H03N1, LPZV, SIV, CNRM, CRAAG, MDD, ISC, Code, Station Name, Az, Az, Phase ID, Time, Res.

Table with columns: EQU, 76nm, SNR=1.9, 07 42 57.5, 07 43 47.8 -2.0, etc. Includes rows for EQU, ELGU, ELGU, ELGU, ERTA, ERTA, ERTA, FIGM, FIGM, ETOR, EMIJ, EMIJ, EMIJ, EADA, EADA, EADA, ESAC, ESAC, PAB, PAB, ECAB, ECAB, ECAB, MDT, MDT, MD31, MD31, PVAQ, PVAQ, ECAL, ECAL, EARI, GUC, ISC, Code, Station Name, Az, Az, Phase ID, Time, Res.

Table with columns: Station Name, Az, El, Time, Res, and various status indicators. Includes stations like GUMO, MDM, KCJ, etc.

Table with columns: Station Name, Az, El, Time, Res, and various status indicators. Includes stations like BOOM, MDM, BKZ, etc.

Table with columns: Station Name, Az, El, Time, Res, and various status indicators. Includes stations like SGDS, KK31, MDOK, etc.

IDC 30 10:26:23.4,12.0,13:50N,120:27E,h135km,123km, mb3.4/7,mbmp3.8/7,Error ellipse: s-maj=245.8km s-min=17.9km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LUBP, PGP, TGY, MACP, QVP, LQP, SJMP, SCZP, JICP, BALP, BMLP, ENPP, CUYO, SONM, WRA, ASAR, ZALV, ARCES, FINES, NOA.

IDC 30 10:28:11.8,9.3,1:08N,99:05W,h0km,mb3.5/4, mbmp3.5/4,Error ellipse: s-maj=258.3km s-min=140.5km az=103.0,West of Galapagos Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H06E1, TXAR, H03N2, H03N1, H03N3, NVAR, PDAR, ILAR.

IDC 30 10:39:58.7,4.0,18:99N,145:01E,h208km,38km,mb3.2/5, mbmp3.7/6,MS3.4/1,Error ellipse: s-maj=66.7km s-min=20.5km az=111.0

NEIC 30 10:39:59.6,0.8,18:68N,0:09,145:2E,0.3,h193km,17km, mb4.1/5,Error ellipse: s-maj=36.9km s-min=10.2km

IDC 30 10:39:58.4,0.9,18:8N,0:11,145:2E,0.4,h200km,n14, 1:153/14,mb3.6/8,Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO, KRVT, PETK, WB0, WRO, WRA, WRAB, WRA, ASAR, ILAR, NVAR, FINES.

IDC 30 10:49:57.5,9.5,4:29S,145:22E,h0km,mb3.9/3, mbmp4.1/5,ML4.0/1,MS3.0/3,Error ellipse: s-maj=141.1km s-min=48.6km az=23.0,Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG, WRA, FITZ, KAPI, STKA, SONM.

IDC 30 10:50:21.2,9.2,1:47N,99:61W,h0km,mb3.6/4, mbmp3.6/4,MS3.5/8,Error ellipse: s-maj=250.5km s-min=133.7km az=106.0,West of Galapagos Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, FITZ, KAPI, STKA, SONM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H06E1, LPIG, TXAR, TXAR, TKL, H03N2, H03N1, H03N3, NVAR, PDAR, ULM, CPUP, PLCA, SCHO, ILAR, URZ.

IDC 30 11:03:05.6,0.6,18:96N,145:25E,h0km,mb3.5/3, mbmp3.5/3,Error ellipse: s-maj=390.9km s-min=36.6km az=91.0,Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, FINES, NNC, KK31, KK31, TKM2, AB31, AB31.

AEIC 30 11:11:16.9,1.6,54:19N,0:08,160:28W,0.10, h40km,10km,Error ellipse: s-maj=11.6km s-min=7.5km az=154.0

NEIC 30 11:11:16.8,1.7,54:23N,0:06,160:34W,0.07, h19km,12km,ML2.7/10,ML2.7/10(AEIC),Error ellipse: s-maj=9.2km s-min=5.7km az=168.0,Alaska Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CNBA, SDPT, SDPT, SDPT, S12K, S12K, FALS, ISLZ, ISLZ, ISLZ, ISNN, SHSHALDIN, CHGN, WECS, CHIR, CHIR, AKUT, AKUT, AKUT, AKBBA, UNV, MSW, MCOB, MAPS, R17K, OHAK, KDAD, O18K.

IDC 30 11:13:13.5,1.2,53:19S,134:84W,h0km,mb3.6/4, mbmp3.6/4,MS3.6/3,Error ellipse: s-maj=105.4km s-min=29.5km az=162.0,Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMSA, QSPA, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, NNA, LPZA, ASAR, H01W1, H01W2, H01W3, WRA, TXAR, H11S2, H11S3, H11S1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11N3, H11N1, H11N2, ILAR.

NEIC 30 11:18:60.0,1.7,18:4N,0:1,146:3E,0.3,h163km,12km, mb4.4/11,Error ellipse: s-maj=36.0km s-min=14.5km az=105.0

IDC 30 11:19:10.2,2.5,17:79N,146:77E,h239km,23km,mb3.4/4, mbmp4.0/5,Error ellipse: s-maj=51.9km s-min=13.6km az=92.0

IDC 30 11:19:03.9,1.3,18:5N,0:2,145:7E,0.6,h200km,n19, 0:096/18,mb4.2/10,Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, GUMO, GUMO, MJAR, COEN, COEN, MTN, KNRA, KNRA, WRO, WRO, WRAB, WRAB, WB2, WB2, WRA, WRA, FITZ, FITZ, AS31, ASAR, ASAR, ASAR, ONTC, BMAR, NVAR.

IDC 30 11:22:48.3,2.4,18:60N,145:65E,h197km,22km, mb3.4/10,mbmp4.0/11,Error ellipse: s-maj=42.3km s-min=13.1km az=86.0

NEIC 30 11:22:50.4,1.4,18:6N,0:1,145:7E,0.2,h207km,10km, mb4.2/17,Error ellipse: s-maj=33.8km s-min=14.7km az=96.0

IDC 30 11:22:49.2,0.8,18:59N,0:07,145:5E,0.3,h200km,n33, 0:091/33,mb4.1/18,Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, GUMO, GJM, JGM, JGM, JTM, KSRS, COEN, KLR, MTN, KNRA, CTAO, WB0, WRO, WRAB, WB2, WRA, WRA, FITZ, SONM, AS31, ASAR, ASAR, ASAR, ASAR, ASAR, MK31, MKAR, J20K, KURK, KURB, NRK, TOLK, ILAR, BMAR, ABKAR, FINES.

IDC 30 11:22:57.7,1.1,27:55N,140:01E,h385km,8km,mb3.4/11, mbmp4.1/14,Error ellipse: s-maj=31.2km s-min=17.7km az=43.0

JMA 30 11:22:59.1,0.2,27:8N,0:8,141:1E,1,4h17km,3km, MV3.4/28,W OFF OGASAWARA

ISC 30 11:23:00.1,0.8,27:86N,0:09,140:5E,0.1,h400km,n29, 1:138/35,mb3.8/11,Bonin Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chichijima, Haha-jima-NKT2, Hachioji jima 2, etc.

INET 30 11:40:25.0z, 12.89N, 87.27W, h158km, 4km, MW2.9
SSS 30 11:40:25.4z, 1.3, 11.36N, 87.84W, h13km, 74km, ML2.9
SNET 30 11:40:25.4z, 1.3, 11.36N, 87.84W, h13km, 74km, ML2.9

ISN 30 11:40:26.4z, 1.2, 12.0N, 87.85W, 0.07, h10km, n22,
+1502Z, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cosiguina Volc, San Cristobal, Telica, etc.

IDC 30 11:40:38.7z, 0.8, 32.11N, 138.01E, h379km, 8km, mb3.0/10,
mbtmp3.7/13, Error ellipse: s-maj=20.3km s-min=13.6km
az=63.0

JMA 30 11:40:40.0z, 0.3, 32.11N, 138.01E, h388km, MV3.3/30,
FAR S OFF TOKAI DISTRICT

ISC 30 11:40:38.6z, 0.7, 32.08N, 138.10E, 0.10, h380km, n24,
+152Z, 30, mb3.1/10, Southeast of Honshu

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

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

IDC 30 11:48:34.4z, 8.4, 1.49N, 99.73W, h0km, mb3.8/4,
mbtmp3.8/4, MS3.6/4, Error ellipse: s-maj=220.7km
s-min=125.9km az=107.0, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOCORRO T-PHASE03, LPIG La Paz, etc.

NDI 30 11:58:49.1z, 2.5, 29.69N, 94.72E, h33km, ML4.4,
mb4.1(NEIC)

IDC 30 11:58:51.0z, 1.0, 28.98N, 94.75E, h0km, mb3.8/8,
mbtmp3.8/9, ML3.9/1, Error ellipse: s-maj=49.6km
s-min=17.8km az=62.0

NEIC 30 11:58:56.4z, 1.8, 29.1N, 94.69E, 0.08, h28km, 6km,
mb4.1/8, Error ellipse: s-maj=15.6km s-min=8.9km
az=201.0

ISC 30 11:58:56.4z, 1.4, 29.02N, 94.75E, 0.05, h34km, 12km,
n36, +1508/44, mb4.0/10, 1D, Eastern Xizang-India border region

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

CMAR Chiang Mai Arr 11.19 159 Pn P 12 01 33.8 -0.3

WMQ Urumqi 15.81 341 P P 12 02 40 0.0

WMQ comp=Z,35nm,0.9s smax smax

WMQ comp=N,17nm,0.5s smax smax

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

comp=Z,0.2nm,0.3s,baz=317,slow=6.3,SNR=6.8
comp=Z,0.2nm,0.3s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARLS Aral, GAR Garm, etc.

NEIC 30 12:05:36.6z, 2.18, 69N, 0.04, 67.27W, 0.03, h30km, 4km,
Error ellipse: s-maj=5.6km s-min=4.5km az=191.0

OSPL 30 12:05:36.0z, 1.5, 18.83N, 67.09W, h32km, 23km, ML1.8
RSPL 30 12:05:36.3z, 18.80N, 67.31W, h16km, 1km, MD2.7/9

ISC 30 12:05:34.6z, 1.3, 18.78N, 67.06W, 0.03, h27km, n46,
+075/43, 1C-9D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, IDE Isla Descecho, etc.

NEIC 30 12:20:09.7z, 2.5, 18.6N, 0.1, 145.8E, 0.23, h204km, 11km,
mb4.3/9, Error ellipse: s-maj=37.8km s-min=16.9km

az=96.0
IDC 30 12:20:26.8;17.0, 18.62N;145.38E,h380km,190km,
mb2.9,6,mbmp3.6/6, Error ellipse: s-maj=44.4km,
s-min=29.7km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMU Guam, JGF Kuroka, JMM Marumori, etc.

NEIC 30 12:25:28.5;1.1, 18.7N;0.1;145.5E;0.3,h166km,1.0km,
mb4.5/12, Error ellipse: s-maj=38.1km s-min=14.3km
az=97.0

IDC 30 12:25:33.6;4.0, 18.73N;145.28E,h223km,38km,mb3.2/6,
mbmp3.9/7, Error ellipse: s-maj=51.7km s-min=15.7km
az=100.0

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

IDC 30 12:48:48.8;1.6, 18.80N;121.13E,h0km,mb3.3/3,
mbmp3.3/4,ML3.3/1,MS3.3/2, Error ellipse: s-maj=42.2km
s-min=29.7km az=68.0

MAN 30 12:48:50.19;0.05N;120.74E,h10km,Ms3.7
IDC 30 12:48:48.4;3.0, 19.02N;0.08;120.52E;0.08,h14km,18km,
n14,c1562/18,7C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APYP Conner, SGCP Gonzaga, SAMP Sagada Mountai, etc.

IDC 30 12:56:11.7;1.6, 18.38N;73.13E,h0km,mb3.7/3,

mbmp3.7/3, Error ellipse: s-maj=391.2km
s-min=56.0km az=108.0, Tajikistan-Xinjiang border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINES Array B, ARCES ARCES Array B, TORD Tord Ar Bea, etc.

HVO 30 13:12:40.0;1.6, 20.82N;0.03;155.72W;0.03,h5km,6km,
ML3.4/35,ML3.5/51(NEIC), Error ellipse: s-maj=6.1km
s-min=2.1km az=224.0

NEIC 30 13:12:38.4;0.9, 20.76N;0.05;155.71W;0.06,h25km,9km,
Error ellipse: s-maj=10.8km s-min=2.8km az=224.0,
Hawaii Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HLK Haleakala, KHLH Kahului Airpor, KHLH Kahului Airpor, etc.

IDC 30 13:16:00.7;0.9, 3.63S;150.04E,h0km,mb4.2/7,
mbmp4.1/8,ML3.2/1,MS4.9/1, Error ellipse: s-maj=30.2km
s-min=19.7km az=140.0

NEIC 30 13:16:02.4;3.0, 3.5S;0.1;149.94E;0.06,h22km,11km,
mb4.5/12, Error ellipse: s-maj=17.8km s-min=8.6km
az=185.0

IDC 30 13:16:03.0;3.0, 3.7S;0.1;150.03E;0.09,h19km,n27,
c1566/25,mb4.3/11, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat (AS076), RABL Rabaul, MANU Manus Island, etc.

ASAR Alice Springs 25.27 217 P P 13 21 28.2 -0.4
comp=2.3,7nm,1.0s,baz=51,slo=8.1,SNR=21

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, etc.

MOS 30 13:19:02.9;0.9, 6.87S;155.76E,h17km,mb5.7/54,
MS4.9/13, Error ellipse: s-maj=8.8km s-min=6.2km
az=114.7

NEIC 30 13:19:08.0;1.6, 6.95S;0.07;155.81E;0.07,h37km,1km,
mb5.5/156, Ms 20.5,1/244,Mw5.6, Error ellipse:
s-maj=13.4km s-min=10.3km az=39.0

DJA 30 13:19:09.0;0.5, 7.5S;3.1;15.6E;1,h59km,4km,MS.8/93,
mb6.1/76,mb5.8/93,MLV6.0/2,Mw(mb)5.7/76,
MwMwp5.4/1,Mwp5.6/1

IDC 30 13:19:10.0;0.6, 6.91S;155.72E,h56km,4km,mb5.0/27,
mbmp5.3/31,MS4.7/38, Error ellipse: s-maj=10.8km
mB5.3/69,Ms5.1/87,Ms7.4/978

BUL 30 13:19:10.5;0.0, 6.54S;155.74E,h68km,mb5.2/81,
mb5.3/69,Ms5.1/87,Ms7.4/978

GCMT 30 13:19:11.9;0.2, 7.11S;0.01;155.62E;0.01,h48km,1km,
Mw5.6/117, Moment Tensor, s75,c111;
s117,c183, Duration: 195 Moment tensor: Scale 1017

INM;Mr1.62;10;Mw0.2;6.15;0.6;Mw0.9;92;07;
Mw0.7;9;08;Mw0.7;8;06;Mr1.2;6;07; Best double
couple: M=2.81300e+107 NP1=291.00000; 844.00000;
145.00000; NP2=-48.00000; 866.00000; 1.52.00000;

Principal axes: T 2.6090, Plg53.0000, Azm273.0000; N
0.4100, Plg34.0000, Azm165.0000; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
NEIC 30 13:19:15.6;9.5S;155.79E,h60km, Moment Tensor
Solution, Duration: 100 Moment tensor: Scale 1017Nm;
Mr1.54; Mw=2.98; Mw=1.44; Mw=0.58; Mw=1.17; Mw=0.96;

Fault plane solution: Ms3.05000e+1017 NP1:
6.294.0000; 853.00000; 1.62.00000; NP2:
6.41.00000; 868.00000; 1.40.00000; Principal axes: T
2.4817, Plg43.0000, Azm284.0000; N 0.9221,
Plg45.0000; Azm65.0000; P -3.4038, Plg9.0000;

Azm165.0000;
IDC 30 13:19:09.4;0.2, 6.96S;0.03;155.73E;0.04,h56km,1km,
h56km;P-P, n1099, n1949/1120, mb5.5/209, MS5.0/212,
50C-30D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), KRVT Keravat, etc.

MARNC Mare, Loyalty 18.70 142 Pn P 13 23 23.8 +0.4
OUENC Ouen Island, N 18.74 146 Pn P 13 23 25.1 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EIDS Eidsvold, EIDS Eidsvold, ERDI Serui, Papua, etc.

30d 13h

Table of earthquake data for 30 days and 13 hours, including station names (e.g., WRAB, WB2, WBE2), magnitudes, locations, and various parameters.

2016 JUL

Table of earthquake data for July 2016, including station names (e.g., KAPI, WBSI, TAU), magnitudes, locations, and various parameters.

1656

Table of earthquake data for 1656 events, including station names (e.g., MAJO, MAJO, MAJO), magnitudes, locations, and various parameters.

1657

2016 JUL

30d 13h

Table with columns for location codes (e.g., PPT2, WHN, TIAR, etc.), time zones, and various numerical values representing flight metrics. The table is organized into multiple columns for readability.

30d 13h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=19, SNR=12).

2016 JUL

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=19, SNR=12).

1658

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=19, SNR=12).

1659

2016 JUL

30d 13h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, and other parameters. Includes stations like E22K, LOGN, PINM, L26K, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, and other parameters. Includes stations like WRAC, G27K, M30M, N31M, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, and other parameters. Includes stations like DZA, DZA, Taraz, BRZ, etc.

30d 13h

Table with columns for station call letters, frequency, and various status codes. Includes stations like NVL, ABKAR, WSAR, TROLL, ARU, etc.

2016 JUL

Table with columns for station call letters, frequency, and various status codes. Includes stations like MNK, SS, BRG, etc.

1660

Table with columns for station call letters, frequency, and various status codes. Includes stations like BOVS, MODS, KRUC, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like FETA, BCLA, DAVA, WLF, BMRD, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like PMOZ, PMAR, TOR, KIC, DBIC, LIC, TIC, GUMO, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like PMG, PMG, MANU, COEN, CTAO, SMPI, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KULM, MNSI, CN2, LYN, BNK, HNS, PETK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MATP, MORC, OSTO, VRAC, YRAC, MODS, BRG, etc.

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

Table with 4 columns: Call ID, Name, Phone Number, and Category. Includes entries like THIG 0.91 321 Pn, THIG 0.91 321 eP, THIG 0.91 321 sP, etc.

Table with 4 columns: Call ID, Name, Phone Number, and Category. Includes entries like HUEN 5.67 108 eP, MATN Matagalpa 5.73 102 eP, MATM Matagalpa 5.73 102 eP, etc.

Table with 4 columns: Call ID, Name, Phone Number, and Category. Includes entries like PCPT comp=Z,39nm,1.4s, AMTX Amarillo comp=Z,22nm,0.7s, AMTX Amarillo comp=Z,22nm,0.7s, etc.

30d 13h

2016 JUL

Table with columns for station code, name, latitude/longitude, elevation, and signal quality. Includes stations like CIS Catalina Islan, SPMN Marine on St., BINY Binghamton, K22A Casper, EDW2 Edwards Air Fo, TPV Topopah Spring, LRM Columbia Mtn Rd, FURC Furnace Creek, SNCO San Nicolas Is, KSCT Kent School, K, MPMC Manual Prospec, SPR3 Spring Creek 3, YKA Troy Canyon, SCZ2 Santa Cruz Isl, ARVC Arvin, ISA Isabella, Lake, GRAC Grapevine Rang, CWAC Cottonwood Cre, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, BGU Big Grassy Mtn, PKM McPherson Peak, VES Vestal, Richgr, TIN Tinemaha, Big, HVU Hansel Valley, HVU Simmler, HRV Adam Dzewonski, ELK Elko, ELK Elko, LOHW Long Hollow, TPWA Teton Pass, NV11 Mina Array Sit, NV11 Mina Array Sit, LONY Lake Ozonia, EYMN Ely, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Little Huntoon, LBHV Lisbon, ETMB Extrema, HLID Hailey, MACA Manacapuru-AM, MACA Manacapuru-AM, MCMT McKenzie Canyo, MCMT McKenzie Canyo, LRM Limekiln Ridge, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, SAML Samuel, F64A Sherman, E62A Clayton Lake, MSO Mousoula, I07A Ize, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, J05D Fort Rock, OR, J04D Umpqua Nationa, PB16 IPOC Station P, PB16 IPOC Station P, I05D Terrebonne, BATG Bathurst New B, BATG Bathurst New B, MDP Montagnes des, MDP Montagnes des, I04A Tendick Farm, K02D Willamette Mer, G05D Wamic, OR, H04A Detroit Lake, NEW Newport, NEW Newport.

Table with columns for station code, name, latitude/longitude, elevation, and signal quality. Includes stations like NEW Newport, I03D Drain, J01E Myrtle Point, H04D Lebanon, I02E Swisshome, G03D McMinnville, B08A Colville Reser, B08A Colville Reser, SIV San Ignacio, SIV San Ignacio, SCHO Schefferville, SCHO Schefferville, AC02 Maricunga, AC02 Maricunga, YKA Yellowknife Ar, YKA Yellowknife Ar, T35M Bob Quinn, CRAG Craig, WRAP Wingell Islan, CPUP Villa Florida, CPUP Villa Florida, BDBF Brasilia, BDBF Brasilia, DLBC Dease Lake, DLBC Dease Lake, TAOE Nuku Hiva Isla, R33M Jennings River, P32M Atlin, P33M Teslin, Ykoon, SKAG Skagway, PLBC Pleasant Camp, WHY Whitehorse, P30M Million Dollar, O30N Miententhal, P29M Windy Craggy, M31M Drury Creek, N31M Braeburn, Yuko, HYT Haines Junctio, O29M Mount Kennedy, PNL Peninsula, P30M Aishikik Lake, YUK6 Outpost Mounta, M30M Minto, Yukon, M30M Minto, Yukon, PLCA Paso Flores, PLCA Paso Flores, YUK7 Beaver Creek, YUK7 Beaver Creek, CRQE Cirque, DAWY Dawson, DAWY Dawson, DAWY Dawson, MCARA McCarthy VSAT, I29M Ogilvie Camp, BCAR Beaver Creek A, L27K Beaver Creek, L27K Beaver Creek, M26K Nabesna, AK, BMRM Bremner River, INK Inuvik, INK Inuvik, INK Inuvik, N25K Chitina, Valde, EYAK Cordova Ski Ar, L26K Log Cabin Wild, HIN Hinchinbrook I, KLU Klutina, HARP HAARP, SHCP Sand Creek, J26L Joseph Creek, J26L Joseph Creek, PAX Paxson, RIDG Independent Ri, I26K Coal Creek Min, G27K Doyon Strip, K24K Donnelly Dome, SEW Seward, KNK Knik Glacier, SML Savmill, J25K Salcha River, WAT6 Susitna Watana.

Table with columns for station code, name, latitude/longitude, elevation, and signal quality. Includes stations like PMR Palmer, BRSE Bradley Lake S, CNPM Chie Poot, WAT1 Susitna Watana, HDA Harding Lake, E27K Celios River, G26K Porcupine Rive, PMOR Pomarioro Ree, KDAK Kodiak Island, KDAK Kodiak Island, ILAR Eielson Array, ILAR Eielson Array, OHAK Old Harbor, MCK McKinley, CUT Chulitna, COLA Collee, COLA Collee, SII Sitkinak Islan, TCOL CICO, UAJF Yank, F26K Sheenjek River, BMAR Beamt Mountain, G25K Bearman Lake, O20K Slope Mountain, NEA2 Nenana, SKT Skwentna, Q19K Cajo Douglas, TRF Thorofare Moun, SPCR Spurr Chakacha, H24K Noodor Dome, F25K Christian River, G24K Hadweenciz Riv, E25K Arctic Village, I23K Minto, Yukon-K, C27K Jago River, BPAW Bear Paw Mtn, Q18K Katmai Hardscr, PPLA Purkeypile, PPLA Purkeypile, H23K Yukon River, M20K Styx River, M20K Styx River, O19K Port Alsworth, CAST Castle Rocks, F24K Squaw Lake, MLY Manley, Q17K Contact Creek, N19K Bonanza Creek, O18K Koktuh Hills, R17K Ugashik Creek, D25K Kavik River, G23K Bananza Creek, L20K Farewell, AK, E24K Your Creek, M19K Big River Lodg, H22K Ishlatina Cre, Q16K King Salmon, L19K White Mountain, K20K Telida, K20K Telida, N18K Kilae Creek, PPT2 Papeete2, PPT2 Papeete2, H21K Melozitna Rive, CHGN Chignik, TOLK Toolik Lake Re, J20K Novinta River, O17K Koliganek Bris, C24K Franklin Bluff, F22K John River, IMAR Indian Mountai, D23K Nanushuk River, O16K Kokwok River B, E22K Anaktuyuk Pass, G21K Allakakt, F21K Alatina River, SDPT Sand Point, N16K Nishlik Lake, A21K Barrow, UNV Unalaska Valle, JMJC Jan Mayen, ESCD Seneca Array, NB2 NORSAR Subarra, NOA NORSAR Array B, ARCES ARCES Array B, TORD Torod Ar, BEA, TORD Torod Ar, BEA, TIXI Tiksi, PETK Petropavlovsk-.

Table with columns for code, station name, frequency, and other details. Includes stations like MA2 Magadan, NRK Noril'sk, KSRS Korea Arr, etc.

ARE 30 13:54:36.3-1.2, 16.75S:01:72:4W:0.2, h78km, 9km, ML4.2, mb4.1/1(NEIC), Error ellipse: s-maj=0.0km s-min=0.0km az=201.0

NEIC 30 13:54:35.8-1.2, 16.9S:01:72:7W:0.1, h87km, 35km, Error ellipse: s-maj=22.1km s-min=12.0km az=126.0

Table with columns for code, station name, frequency, and other details. Includes stations like PB12 IPOC Station P, PB16 IPOC Station P, etc.

NEIC 30 14:01:35.9-1.2, 5.90S:0109:148.2E:0.1, h80km, 13km, mb4.3/11, Error ellipse: s-maj=16.6km s-min=12.1km az=118.0

IDC 30 14:01:38.1-1.9, 6.44S:148.99E, h140km, 29km, mb3.7/3, mbtmp4.3/6, Error ellipse: s-maj=67.3km s-min=18.1km az=126.0

ISC 30 14:01:36.1-0.9, 5.99S:008:148.23E:0.09, h100km, n23, az=10/26, mb4.2/5, New Britain region

Table with columns for code, station name, frequency, and other details. Includes stations like PMG Port Moresby, WB0 Warramunga Arr, WR0 Warramunga Arr, etc.

NOU 30 14:37:46.4, 40.00S:176.86E, h67km, MLv4.3/10, North Island, New Zealand, North Island

Table with columns for code, station name, frequency, and other details. Includes stations like BFZ Birch Farm, BKZ Black Stump Fm, URZ Urewere Falls, etc.

IDC 30 14:20:34.7-4.5, 18.66N:145.61E, h170km, 38km, mb3.2/5, mbtmp3.7/6, Error ellipse: s-maj=108.2km s-min=20.6km az=116.0

ISC 30 14:20:38.1-1.2, 18.4N:02:146.0E:0.6, h200km, n6, az=131/7, mb3.3/5, Mariana Islands

Table with columns for code, station name, frequency, and other details. Includes stations like GUMO Guam, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

PDAR Pinedale Array 87.85 46 P P 14 33 06.4 +1.1

IDC 30 14:23:29.7-0.7, 9.58N:126.57E, h0km, mb3.9/13, mbtmp3.9/14, ML4.5/1, MS3.0/1, Error ellipse: s-maj=34.0km s-min=14.2km az=84.0

ISC 30 14:23:29.2-1.1, 9.59N:005:126.58E:0.07, h0km, 13km, n30, r1949/33, mb3.9/13, 6C-2Z, Mindanao

Table with columns for code, station name, frequency, and other details. Includes stations like SCPH Surigao, BISPH Bislig, MASIN Maasin, etc.

ASAR Alice Springs 33.82 168 P P 14 30 12.4 -1.6

ASAR 0.2nm, 0.3s, baz=344, slow=2.4, SNR=2.1, 0.1nm, 0.3s

Table with columns for code, station name, frequency, and other details. Includes stations like H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, etc.

ARCES ARCESS Array B 84.93 340 P P 14 36 06.1 -0.5

FINES FINES Array B 86.62 332 P P 14 36 14.2 -0.9

NOA NORARS Array B 94.39 334 P P 14 36 48.3 +0.9

YKA Yellowknife Ar 94.25 24 P P 14 36 51.0 +0.2

PLCA Pae Flores 145.47 157 PKPbc PKPbc 14 43 10.1 -0.2

ISC 30 14:23:47.2-1.0, 9.76N:84.00W, h3km, 3km, MW3.5

INET 30 14:23:47.1-1.3, 9.75N:83.95W, h8km, 12km, MW2.8

ISC 30 14:23:46.9-1.1, 9.75N:007:84.01W:0.06, h15km, 9km, n12, r024/14, Costa Rica

Table with columns for code, station name, frequency, and other details. Includes stations like RIMA Rio Macho, HD3 Heredia 3, HD2 Heredia 2, etc.

NOU 30 14:47:20.9-2.9, 6.18S:130.43E, h152km, 26km, mb4.0/15, mbtmp4.5/17, Error ellipse: s-maj=21.7km s-min=11.1km az=76.0

DJA 30 14:47:20.8-0.2, 6.2S:2:13.0E, h150km, 3km, M5.0/29, mb4.9/29, mb5.5/10, MLV5.0/13, Mw(mB)5.0/10, Mw(mWp5.5/1, Mwsp5.7/1

NEIC 30 14:47:21.4-2.6, 6.19S:006:130.32E:0.02, h159km, 7km, mb4.9/31, Error ellipse: s-maj=9.7km s-min=2.0km az=168.0

ISC 30 14:47:20.6-0.5, 6.25S:004:130.46E:0.05, h157km, 5km, n187, r160/199, mb4.7/15, 3C-2Z, Banda Sea

Table with columns for code, station name, frequency, and other details. Includes stations like BNDI Bandanaira, BNDI Bandanaira, SAUI Saumlaki, etc.

Table with columns for code, station name, frequency, and other details. Includes stations like MTN Manton Dam, MTN Manton Dam, KDU Kakadu, etc.

STKA Stephens Creek 27.54 159 P P 14 52 53.9 +1.1

STKA Stephens Creek 27.54 159 P P 14 52 53.9 +1.1

STKA Stephens Creek 27.54 159 P P 14 52 53.9 +1.1

STKA Stephens Creek 27.54 159 P P 14 52 53.9 +1.1

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STKA Stephens Creek 27.54 159 P P 14 52 53.9 +1.1

STKA Stephens Creek 27.54 159 P P 14 52 53.9 +1.1

30d 14h

Table containing station data for the 30d 14h period, including call signs like KSRS, SEHB, JSD, etc., and associated numerical values.

2016 JUL

Table for the 2016 JUL period, listing stations such as ABKAR, QSPA, ILAR, etc., with their respective frequencies and parameters.

KRSC 30 14:48:56.7, 2.5, 48:54N-156:53E, h16km, 33km, ML3.7,

Table detailing station information for KRSC, including station names like SKR, PAU, etc., and their coordinates and phases.

BUI 30 14:52:30.0, 0.28, 08S:175:98W, h5km, mb5, 1/35, mB5, 6/26, Ms5, 0/29, Ms7, 4/7, 28

GCMT 30 14:52:34.3, 0.3, 28:08S:0:03:175:77W, h19km, 1km, MMs:278, Moment Tensor Solution, s34,c37, s78,c125;

ISLANDS REGION

Table for the ISLANDS REGION, listing stations from RAO to STKA with their call signs, coordinates, and other parameters.

1666

Table for the 1666 period, listing stations such as STKA, PMG, PMG, etc., with their frequencies and various parameters.

30d 15h

Table with columns: COEN, MTN, PETK, PETK, WB0, WR0, WRAB, WB2, WRA, WRA, SONM, AS31, ASAR, ASAR, DZM, DZM, QUENC, QUENC, MSVF, ZALV, KDAD, ILAR, ILAR, YKA, YKA, ARCES, NVAR, FINES, FINES, PDAR, LPAZ. Includes station names, coordinates, and various codes.

JMA 30 15:52:15.3; 9.0, 3.32; N11°14'33"E, h48km, MV3.7/27, FAR E OFF IZU ISLANDS, Southeast of Honshu

Table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res. Lists stations like BSO1, BSO3, CHJ, CBJ, etc.

NOU 30 15:57:52.8; 20:20'55"S; 178°15'W, h611km, MLV4.2/7, Fiji Islands Region

IDC 30 15:57:55.0; 1.3, 2.0; 35S; 178°33'W, h572km, 14km, mb3.4/15, mbmtpp4.4/18, Error ellipse: s-maj=15.8km s-min=11.0km az=116.0

NEIC 30 15:57:55.8; 2.3, 2.0; 3S; 0.1; 178°4W; 0.1, h579km, 8km, mb4.3/34, Error ellipse: s-maj=17.3km s-min=14.0km az=49.0

ISC 30 15:57:56.1; 0.4, 2.0; 27S; 0:08; 178°46'W; 0:08, h587km, n82, c=152/85, mb4.2/33, Fiji Islands region

Table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res. Lists stations like LKBA, TAVE, MSVF, MSVF, AFI, AFI, etc.

2016 JUL

Main table with columns: ASAR, ASAR, ASAR, WB0, WB2, WRAB, WRA, WRA, VVND, VVND, MORW, MORW, MJAR, GSPA, GSPA, PETK, KSR, USR, BELA, NVAR, MAW, O18K, PINE, PINE, SCM, SCM, SEY, TXAR, HDA, CCB, TROLL, MDM, MDM, SCRK, SCRK, ILAR, ILAR, ILAR, HFS, AKASG, EKA, BRTR, OSTC, OSTC, CLL, CLL, CLL, KHC, KHC, CKR, GERES, GERES, TORD, IPEC, PRU, DNK, BGR, UPP, ISC, KSP, KSP, OSTC, OSTC, UPC, UPC, DPC, DPC, DPC. Includes station names, coordinates, and various codes.

1668

Table with columns: Panska Ves, Bergjesshubel, Kraliky, Pruhonice, Colim, Raciborz, Moravsky Berou, Ostrava-Krasne, Vranov, Vranov, Trest, Ojcow, Novy Kostel, Velka Javorina, Kasperske Hory, Moxa, Cesky Krumlov, GERES, GERES, Wetzell, Niedzica, Bratislava, Bornholm Skovb, Vyzne, Vyzne, Grafenberg Arr, Conrad Observa, Rosalia, Austra, Sopron, Molin, Bad Ischl, Bad Ischl, Cervencia-Dubn, Arzberg, Piszkesteto, Magyarpolny, Bleying, Bjuj, Bjuj, Koelnbreinspre, Delary, Delary, Sobot, SOKA, Obkir, Obkir, Walderalm, Wata, Myka, Myka. Includes station names, coordinates, and various codes.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KAPI Kappang, FORT Forrest, CWJA Chichijima, MBWA Marble Bar, PSA00 Pilbara Seismi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IDC 30 16:37:29.3, 9.7, 45.96K, mb3.5/3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IDC 30 16:45:27.6, 4.3, 18.72N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IDC 30 16:52:34.9, 1.2, 49.26N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CLRB Mount Ozzard, OZB Mount Ozzard, NWCB Newcastle Ridg, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include J04D Umputa Nationa, HUMO Hum Mountain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BEKR Beckworth, PAHR Pat Rah Range, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KVN Kaiserville, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H113S WAKE ISLAND Hy 60.22 264, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IDC 30 17:00:12.0, 2.9, 1, 49.26N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include EDB Eliza Dome, ETB Estevan Point, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H112S WAKE ISLAND Hy 59.17 265, H111N WAKE ISLAND Hy, etc.

ISC 30 17:09:49.1-1.0,39.98N,0.004-75.57E,0.03,h10km,n58,

c256/g1,27C-13D,Southern Xinjiang

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

Table with columns: UZB, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data, including a detailed section for station GCRM and others.

Table with columns: JFP, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data, including a detailed section for station HSFM and others.

30d 17h

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like TPH, J01E, J04D, W0FM, BMN, ISA, GRAC, etc.

ANF 30 17:22:27.3±0.1, 331.231N; 116.67W, h15km, ML3.1/20, Error ellipse: s-maj=1.0km s-min=1.0km az=107.0

NEIC 30 17:22:27.9±1.0, 33.33199N; 0.009-116.665W/0.010, h17km, 1km, Error ellipse: s-maj=1.4km s-min=1.1km az=145.0

PAS 30 17:22:28.5±1.0, 33.196N; 0.008-116.68W/0.01, h12km, 2km, ML3.2/166, ML2.9/48(NEIC), Error ellipse: s-maj=1.2km s-min=1.1km az=83.0

ISC 30 17:22:28.3±0.9, 33.200N; 0.01-116.68W/0.02, h25km, 5km, n119, c085/173, Southern California

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like MATG, JUEM, PLM, BORG, etc.

2015 JUL

Main station list table with columns: DEVC, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like Devers, Superstition M, Tijuana, etc.

1672

λ90.0000°; NP2; φ311.00000°; δ1.00000°; λ91.00000°; Principal axes: T 8.960, P164.0000°, Azm40.0000°; N 0.5800, P160.0000°, Azm130.0000°; P -9.5400, P164.0000°, Azm220.0000°; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s. MOS 30 17:26:20.5±1.2, 35.38N; 22.93E, h27km, mb5.4/18, MS4.2/17 Error ellipse: s-maj=4.8km s-min=3.1km az=78.6

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

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like EFP, PSDA, VLS, KARP, etc., and frequencies like 17 27 14.9 +3.3, 17 27 15.7 +2.0, etc.

30da 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like OBKA Obir, ZCCA Zocca, VLC Villacolleman, ARSA Arzberg, etc.

2016 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Si, etc.

1674

Table with columns for station name, frequency, power, and other technical details. Includes stations like BTNL Ternell, MEM Membach, MEM Membach, TAM Tamarassett, etc.

1675

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CWF Charnwood Fore, BELG Belgiovoze, MTE Manteigas, etc.

2016 JUL

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NOA NORSAR Array B, EKA Eskdalemuir, NBOO NORSAR Array S, etc.

30d 17h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MSFE Esma-Masafi, ABKAR Abkulkal array, HATD Hatta, Dubai, etc.

30d 17h

2016 JUL

1676

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KK31 Karatay Array, KKAR Karatay Array, and various other regional stations.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SPB2 Spitsbergen Ar, SPITS Spitsbergen Ar, PRZ Przheval'sk, and various other stations.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DRLN Deer Lake, ABPO Ambohimpanom, ABPO Ambohimpanom, and various other stations.

30d 18h

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Includes stations like EGHF, TWE, NTC, ENT, etc.

2016 JUL

Main table with columns: JEM, JSHD, JCH, JIBT, etc. Includes station names like Erimo, Hidakashinida, Churui, etc.

1680

Table with columns: SONM, H1N2, H1N1, H1N3, etc. Includes station names like Songino Array, WAKE ISLAND, etc.

ADC 30 18:01:43.0±0.8, 42°41'N:143°04'E, h0km, mb3.7/12, mbmp3.8/17, ML2.5/3, Error ellipse: s-maj=24.0km s-min=15.4km az=106.0

MOS 30 18:01:50.1±1.1, 42°21'N:142°95'E, h75km, mb4.5/9, Error ellipse: s-maj=13.5km s-min=8.1km az=55.0

ADC 30 18:12:56.6±1.8, 53°09'N:166°79'W, h0km, mb3.6/5, s-min=24.5km az=12.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res h m s ISC. Includes stations like OKER Okmok East Rim, UNV Unalaska Valle, MNAT Makushin Natee, etc.

SOME 30 18:17:18.3,39.85N,74.97E,h5km
KRNET 30 18:17:19.0,1.29,66N,74.91E,mb3.8
NNC 30 18:17:23.7,1.0,40.04N,74.96E,h0km,mb4.2,mpv3.8

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res h m s ISC. Includes stations like OHH Osh, ARLS Aral, UCH Uchtor, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res h m s ISC. Includes stations like WRAB Tennant Creek, WB2 Warrunguna Arr, WRA Warrunguna Arr, etc.

NEIC 30 18:31:01.2,2.9,18.91N,101.145E,0.2,h186km,8km,
mb4.1/9, Error ellipse: s-maj=23.8km s-min=8.5km
az=60.0
IDC 30 18:31:02.2,4.5,18.86N,145.21E,h215km,19km,mb3.2/2,
mbmp3.8/5, Error ellipse: s-maj=25.1km s-min=14.8km
az=86.0

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

IDC 30 18:33:18.4,3.6,27.48S,176.38W,h0km,mb3.6/2,
mbtmp3.7/3,ML4.2/1, Error ellipse: s-maj=87.4km

30d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, ASAR Alice Springs, WRA Warrungarra Arr, AKASG Malin Array Be.

30d 19h s-min=46.3km az=120.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, KURBS Kurchatov Arra, TORD Torodi Ar. Be.

30d 19h s-min=28.4km az=68.0, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like COPN Copaltepe, TISN Laguna Tiscapa, WILN Americas 2, CONN Concepcion, HZTE Horizontes, Gu, etc.

30d 19h s-min=28.2km az=120.0, Nicaragua region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MOS 30, LDG 30, NEIC 30, IPEC 30, DNK 30, BGR 30, BNS 30, UPP 30.

30d 19h s-min=3.4km az=13.0, Suspected Mining induced

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, OSTC Ostas, UPC Upipe, DPC Dobruska-Polom, BRG Berggiesshubel, etc.

2016 JUL

Main table with columns: MORC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Ostrava-Krasne, VRAC Vranov, etc.

1682

Table with columns: WATA, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WATA, MYKA Terra Mystica, WTTA Wattenberg, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AKASG, AKASG, AKASG, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MK31, MK31, MK31, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DBIC, KIC, LIC, etc.

30Dk 20h

Table with columns: MDOk, Medeo, 4.65 31 Pg, Pg, 19 18 02.4 -0.1, 19 19 03.0, 19 18 01.4 -1.8, 19 19 01.4 -2.4, 19 18 01.4 -1.8, 19 19 01.4, 19 18 07.8 -1.1, 19 19 12.6 -0.8, 19 18 07.8 -1.1, 19 19 12.6, 19 18 09.4 -0.6, 19 19 14.9 -0.4, 19 18 09.4 -0.6, 19 19 14.9, 19 18 13.6 +0.6, 19 19 22.3 +2.1, 19 18 13.6 +0.6, 19 19 22.3, 19 18 12.2 -1.1, 19 19 12.2 -1.1, 19 18 20.5 +0.2, 19 19 34.0 +1.4, 19 18 20.5 +0.2, 19 19 34.0

INET 30 19:28:43.0-0.3, 9.19N:83.93W, h19km, 7km, MW2.7
UCR 30 19:28:43.8-1.4, 9.28N:83.92W, h48km, 7km, MW3.5
ISC 30 19:28:43.9-2.0, 9.25N:0.09:83.94W:0.06, h48km:13km, n17, 0.51/21, Costa Rica

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EDDO Dominical, PEZE Perez Zeledon, CDM Cerro de Muert, etc.

IDC 30 19:42:55.3-1.0, 43.96N:105.64W, h0km, mb4.0/2, mbtmp3.47, ML2.8/4, MS3.1/11, Error ellipse: s-maj=23.2km s-min=8.8km az=149.0
NEIC 30 19:42:55.4-1.5, 43.59N:105.105:20W:0.08, h0km, 2km, ML3.6/51, Error ellipse: s-maj=10.1km s-min=9.1km az=111.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, PHWY Pilot Hill, R23A Red Feather La, etc.

2016 JUL

Table with columns: BOZ, HWUT Hardware Ranch, EGMT Egmont, LRM Limekiln Ridge, HRY Holter Researc, PV07 Paradox Valley, etc.

HVO 30 19:50:33.9-0.7, 19.57N:155.14W:0.01, h13km, 2km, ML2.5/12, ML3.3/46(NEIC), Error ellipse: s-maj=1.8km s-min=1.6km az=122.0
NEIC 30 19:50:33.1-0.5, 19.55N:155.15W:0.04, h23km, 6km, Error ellipse: s-maj=7.8km s-min=5.5km az=186.0

Hawaiian Islands

Table with columns: RSD Rainedsh, NPOC North of Pu'u, NPOC North of Pu'u, STCH Steam Cracks, HATHI Halema'uma'u T, etc.

1684

Table with columns: MLH, HLP Hilina Pali, HLP Hilina Pali, HLP Hilina Pali, HLP Hilina Pali, etc.

IDC 30 20:05:43.4-1.0, 7.44S:68.36E, h0km, mb3.9/8, mbtmp3.98, MS3.5/11, Error ellipse: s-maj=30.0km s-min=22.5km az=29.0
NEIC 30 20:05:45.2-1.7, 7.47S:0.09:68.43E:0.09, h10km, 1km, mb4.4/15, Error ellipse: s-maj=15.4km s-min=14.2km az=219.0

ISC 30 20:05:44.8-0.6, 7.44S:0.10:68.39E:0.08, h10km, n46, 0.131/34, mb4.2/14, MS3.5/11, Chagos Archipelago region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DGAR Diego Garcia, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: WTTA, WATA, SQT, SQA. Includes station names like WATA Walderalm, SQT Sankt Quirin, SQA Sankt Quirin and associated coordinates and times.

MIRAS 30 20:18:04.0, 0.0, 60.21N; 59.99E, h0km, ML2.6/10

ISC 30 20:18:01.0, 1.5, 60.32N; 0.07, 59.91E, h0.06, h5km, 11km, n9, s1934/31, Ural Mountains region

Main station list table for the first section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

ISC 30 20:19:03.8, 1.4, 10.93N; 92.56E, h0km, mb3.6/5, mbtmp3.6/6, ML4.0/1, MS2.9/1, Error ellipse: s-maj=46.2km

s-min=25.0km az=56.0

ISC 30 20:19:07.8, 1.3, 10.93N; 92.92E, h0.2, h26km, n10, s1818/6, mb3.6/5, Andaman Islands region

Main station list table for the second section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

MOS 30 20:21:36.2, 1.3, 44.98N; 7.31E, h9km, mb4.5/4, Error ellipse: s-maj=7.4km s-min=0.4km az=67.1

STR 30 20:21:38.0, 0.3, 45.1N; 7.2E, h5km, MLV4.4/49, Error ellipse: s-maj=0.0km s-min=0.0km az=96.0, preliminary

ISC 30 20:21:37.5, 0.7, 44.96N; 7.38E, h0km, mb3.9/17, mbtmp3.9/29, ML3.0/10, MS3.1/9, Error ellipse: s-maj=15.5km s-min=1.1km az=154.0

NEIC 30 20:21:38.1, 1.8, 44.99N; 0.05, 7.29E, h0.05, h5km, 5km, Error ellipse: s-maj=8.1km s-min=4.4km az=194.0

GEN 30 20:21:38.6, 4.4, 94N; 7.21E, h10km, 1km, ML3.9

MED_RC 30 20:21:38.0, 2.0, 44.89N; 7.37E, h15km, 1km, MW4.0/10, Moment Tensor Solution, Mantle waves: s10, c16; Duration: 1s0 Moment tensor: Scale 10^19Nm; Mm=1.23e-25; Mbb=0.17e-14; Mff=1.40e-17; M0=0.42e-17; Mm0.10e-09; Mm0.04e-19; Best double couple: M=1.39000e+10 N1P1, 165.00000, 848.00000, lambda=116.00000, NP2, 22.00000, 848.00000, lambda=63.00000, Principal axes: T 1.4100, P1g0.0000, Azm274.0000, N -0.0200, P1g19.0000, Azm183.0000; P -1.3800, P1g71.0000, Azm4.0000; nsta1 refers to body waves, nsta2 refers to surface waves, cutoff=30s.

LDG 30 20:21:38.1, 0.1, 44.94N; 7.26E, h10km, Md4.2/10, M4.4/69 Error ellipse: s-maj=1.2km s-min=1.0km az=42.0

ROM 30 20:21:38.2, 0.1, 44.931N; 0.004, 7.212E, h0.009, h15km, 1km, ML3.9/67, Mw3.7, Error ellipse: s-maj=0.6km s-min=0.5km az=69.0, Moment Tensor Solution, Moment tensor: Scale 10^14Nm; Mm=0.31; Mbb=3.65; Mff=3.96; Mm0.18; Mm0.18; Mm0.125; Fault plane solution: M=4.56810e+10 N1P1, 144.00000, 861.00000, lambda=177.00000, NP2, 53.00000, 887.00000, lambda=29.00000

BRU 30 20:21:39.6, 0.0, 45.01N; 7.59E, h0km, ML4.1

PNS 30 20:21:39.8, 0.3, 44.92N; 7.28E, h10km, ML4.0

BGS 30 20:21:41.1, 1.2, 45.26N; 7.26E, h10km, mb4.2(NEIC)

ISC 30 20:21:38.5, 0.6, 44.95N; 0.01, 7.22E, h0.01, h16km, 4km, n591, s196/736, mb4.0/27, MS3.1/5, 49C-44D, Northern Italy

Main station list table for the third section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

Table with columns: RSP, Reno Superiore. Includes station name and coordinates.

Table with columns: RRL, Rocca Remolon. Includes station name and coordinates.

Table with columns: RRL, Rocca Remolon. Includes station name and coordinates.

Table with columns: RRL, Rocca Remolon. Includes station name and coordinates.

Table with columns: MBDF, Montbardon. Includes station name and coordinates.

Table with columns: BNI, Bardonecchia. Includes station name and coordinates.

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Table with columns: PZZ, Stroppa. Includes station name and coordinates.

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Table with columns: QLNO, comp=E, 10705um, 0.3s. Includes station name and coordinates.

Table with columns: PCP, Piancastagn. Includes station name and coordinates.

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Table with columns: PCP, Piancastagn. Includes station name and coordinates.

30d 20h

Table of station data for the left column, including codes like GRAM, PLMA, BNALP, ZONE, PRMA, EQUI, ASEAF, CHMF, BOUC, VLC, BALST, SALO, SALO, SALO, SALO, SALO, SALO, BOURR, GROG, GROG, GSCL, GSCL, CARD, CARD, MINTV, MINTV, MAGA, MAGA, MAIM, MAIM, LASF, LASF, LASF, LASF, MABI, MABI, BDI, BDI, BDI, BDI, PLONS, PLONS, ZUR, DAVOX, DAVOX, DAVOX, SULZ, PII, BRMO, BRMO, BRMO, POPM, POPM, FUORN, PGF, PGF, ZCCA, ZCCA, ZCCA, ZCCA, ZCCA, RONF, ROVR, ROVR, LUSI, LUSI, LUSI, LBL, MTRC, GAGG, GAGG, GAGG, GAGG, MOSI, MOSI, MOSI.

2016 JUL

Table of station data for the middle column, including codes like HINF, HINF, HINF, SMF, SMF, SMF, CRMI, CRMI, CRMI, MPPT, MPPT, MPPT, DOSS, DOSS, DOSS, DOSS, DOSS, SLE, DAVA, DAVA, OFF, FIU, FIU, AGO, CELB, CELB, CELB, SEI, SEI, HAU, HAU, BRIS, BRIS, BRIS, BRIS, TEOL, TEOL, TEOL, APPI, APPI, APPI, FETA, FETA, FETA, AJAC, AJAC, AJAC, OSSC, OSSC, OSSC, SMPL, SMPL, SMPL, ECH, ECH, ECH, RUF, RUF, RUF, AVF, AVF, AVF, CSNT, CSNT, CSNT, KOSI, KOSI, KOSI, LOR, LOR, LOR, LOR, LOR, LOR, CTI, CTI, CTI, CTI, LMD, LMD, LMD, SSF, SSF, SSF, CGRP, CGRP, CGRP, CGRP, UBR, CASP, CASP, CASP, CASP, BGF, BGF, BGF.

1686

Table of station data for the right column, including codes like CDF, CDF, CDF, CDF, BFO, BFO, BFO, ASQU, SFI, SFI, SFI, ROSI, ROSI, ROSI, RETA, RETA, RETA, SOTA, SOTA, SOTA, SOTA, SFTA, SFTA, SFTA, VARN, VARN, VARN, BRES, BRES, MOTA, MOTA, MOTA, MOTA, AGOR, AGOR, AGOR, AGOR, CRE, CRE, CRE, CAF, CAF, CAF, ARCI, ARCI, ARCI, PAGF, PAGF, PAGF, PAGF, TCF, TCF, TCF, CAFI, CAFI, CAFI, PARC, PARC, PARC, PARC, WTTA, WTTA, WTTA, WTTA, MEZF, MEZF, MEZF, WATA, WATA, WATA, WATA, BADI, CIMO, CIMO, CIMO, CIMO, CIMO, REIN, REIN, SAVF, SAVF, SAVF, HYF, HYF, HYF, MTLF, MTLF, MTLF, MTLF, ATMI, ATMI, ATMI, ATMI, SUBF, SJAF, ATPI, ATPI, ATPI, ATPI, ATVO, ATVO, ATVO.

Table with columns: STU, Stuttgart, 4.05 19, Pn, 20 22 39.7, -0.1

Table with columns: ETSF, Etsaut, 5.98 253, eP, Sn, 20 23 09.5, +3.1

Table with columns: KRLC, Ostas, 8.25 44, eSN, AMS, Sn, 20 25 04.2, +6.2

30d 20h

Table with columns: Code, Station Name, Az, El, P, Time, Res, ISC. Includes stations like AKBB, NACGM, NB2, NOA, MNK, etc.

2016 JUL

Table with columns: ELK, Elko, 80.32 319 P, P, 20 33 52.2 +3.3. Includes stations like KSRs, TXAR, NVAR, JOW, JHJ, etc.

1688

Table with columns: Code, Station Name, Az, El, P, Time, Res, ISC. Includes stations like AIZAW, TEZP, SHL, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like KBA Koelnbreinsper, CIMO Cimolais, UBR Ueberherrn, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like BNALP Bannalp, SOKA Soboth, GRF Grafenberg Arr, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like LOR, LMR Signal de Mont, SMRF Simiane la Rot, etc.

SNET 30 20:48:47.6 1.1, 14:03N:91:35W, h22km, 13km, ML3.8
UCR 30 20:48:47.9 1.0, 14:05N:91:32W, h21km, 14km, ML3.7
GGG 30 20:48:50.0 0.6, 14:25N:91:41W, h50km, 26km, MD3.9
ISC 30 20:48:45.3 2.2, 13:9N:01:9145W, 0.10, h17km, 11km, n26, c094/37, Near coast of Guatemala

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like RTAL Retalhuleu, FUG Fuego, STG3 Santiago 3, etc.

30d 20h

Table with columns: Station, Name, Frequency, Power, Class, and various numerical values. Includes stations like Roma, Canberra Magne, and various Warrungunga Arr stations.

2016 JUL

Table with columns: Station, Name, Frequency, Power, Class, and various numerical values. Includes stations like Fort Macarthur, Arvo, Kulum, and various Warrungunga Arr stations.

1690

Table with columns: Station, Name, Frequency, Power, Class, and various numerical values. Includes stations like Palmer, Hanford, and various Warrungunga Arr stations.

Main table containing station names, call signs, frequencies, and signal quality indicators. Includes sub-sections for 'MAN 30 21:03:09', 'NEIC 30 21:03:16', 'DJA 30 21:03:16', 'ISC 30 21:03:16', and 'Code Station Name'.

Table with columns: FINES, FINESS Array B, AKASG, HFS, NB2, NOA, VRAC, TXAR, TORD, PLCA. Includes station names, coordinates, and various parameters.

HVO 30 21:12:26.1_0.7, 19.80N, 0.02:155.36W, 0.04, h21km, 5km, ML3.2, ML3.4/48(NEIC). Error ellipse: s-maj=5.1km s-min=2.6km az=101.0

NEIC 30 21:10:24.1_0.9, 19.80N, 0.04:155.38W, 0.04, h32km, 10km, Error ellipse: s-maj=6.1km s-min=5.5km az=88.0, Hawaiian Islands

Main table for the first section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like POHA, MLOA, RSD, etc.

ISC 30 21:41:01.7_1.1, 31.90N, 109.00E, h0km, mb3.8/7, mbtmp3.8/9, ML3.7/2, Error ellipse: s-maj=44.7km s-min=18.3km az=69.0

ISC 30 21:41:06.9_0.9, 31.81N, 110.10:108.8E, 0.2, h35km, n10, c65/11, mb3.9/7, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMAR, SONMI, SONM, KSRs, ZALV, KURBS, NRK, etc.

Table with columns: GEYT, WRA, ASAR, NOA. Includes station names and coordinates.

ISC 30 21:57:43.8_3.9, 18.88N, 146.13E, h228km, 26km, mb3.3/5, mbtmp4.0/7, Error ellipse: s-maj=107.8km s-min=15.1km az=85.0

NEIC 30 21:57:44.0_1.4, 18.76N, 145.95E, 0.2, h206km, 9km, mb4.0/11, Error ellipse: s-maj=30.4km s-min=4.2km az=88.0

ISC 30 21:57:43.2_1.0, 18.84N, 145.7E, 0.2, h200km, n28, c174/24, mb3.9/11, Mariana Islands

Main table for the second section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GUMO, WRA, WRA, WRA, etc.

ISC 30 22:02:10.7_1.0, 26.10N, 129.14E, h0km, mb3.7/8, mbtmp3.8/11, ML3.8/2, MS3.2/4, Error ellipse: s-maj=42.7km s-min=15.8km az=72.0

NIED 30 22:02:12.9_2.6, 14N, 129.32E, h44km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mm=2.72; Mss=2.70; Mss=0.03; Mss=9.0; Mss=5.44; Mss=0.0; Fault plane solution: Mb8.41000x10^14 NP1: 2.00000; 340.00000, -1.161.00000. NP2: 267.00000; 578.00000, -1.51.00000.

NEIC 30 22:02:12.7_2.6, 26.04N, 129.25E, 0.05, h22km, 6km, mb4.3/8, Error ellipse: s-maj=11.2km s-min=3.8km az=208.0

JMA 30 22:02:12.9_0.1, 26.11N, 129.3E, 0.5, h44km, MV3.7/17, NEAR OKINAWAJIMA ISLAND

ISC 30 22:02:10.4_1.5, 26.11N, 129.28E, 0.04, h7km, 9km, n21, c160/67, mb3.9/12, MS3.3/3, Ryukyu Islands

Main table for the third section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JOW, JOW, JOW, etc.

Main table for the fourth section with columns: BJT, CN2, CN2, CN2, USRK, HIA, HIA, SONMI, SONMI, YAK, YAK, YAK, etc. Includes station names and coordinates.

ISC 30 22:28:17.3_0.5, 18.56N, 145.62E, h196km, 4km, mb4.3/28, mbtmp4.8/31, MS3.3/3, Error ellipse: s-maj=11.0km s-min=5.8km az=38.0

BJI 30 22:28:18.5_0.0, 18.74N, 145.95E, h228km, mb4.6/46, mb4.5/16

NEIC 30 22:28:19.7_1.3, 18.59N, 145.70E, 0.1, h208km, 6km, mb4.9/180, Error ellipse: s-maj=14.6km s-min=10.0km az=85.0

DJA 30 22:28:23.8_1.6, 19.1N, 146.6E, h263km, 17km, M5.0/36, mb5.6/9, mb4.9/36, Mw(mb)5.1/9

ISC 30 22:28:18.6_0.3, 18.61N, 145.70E, 0.05, h206km, 2km, h206km, pp-P, n620, c1825/662, mb4.8/146, 1-C, 3D, Mariana Islands

Main table for the fifth section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GUMO, GUMO, GUMO, etc.

Table with columns: Call Sign, Name, Date, Time, Status, Location, and other details. Rows include stations like F21K Alatina River, BPAW Bear Paw Mtn., and many others.

Table with columns: Call Sign, Name, Date, Time, Status, Location, and other details. Rows include stations like RIDG comp=Z.24nm,0.8s, G25K Bearman Lake, and many others.

Table with columns: Call Sign, Name, Date, Time, Status, Location, and other details. Rows include stations like C36M Paulatuk, ARU Ariti, ABKAR Akbulak array, and many others.

Table of astronomical observations for 1695, listing stations like PFO, TPFO, KBZ, GMRC, etc., and their corresponding data points.

Main table of astronomical observations for 2016 JUL, including station names (GERES, SCHO, PAL, etc.), codes, and various numerical data.

Table of astronomical observations for 30d 22h, listing stations like QIZ, QIZ, QIZ, etc., and their corresponding data points.

1697 2016 JUL 30d 23h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like MAJO, PMG, INKA, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like YAK, MBAR, BNN, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like ARSA, SOKA, OBKA, etc.

NEIC 30 23:06:46.7±1.5, 18°58N:0°07'145.8E:0.1, h186km, 8km, mb4, 3/35, Error ellipse: s-maj=17.6km s-min=9.4km

30d 23h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Residual, etc. Includes stations like JJCJ, JOW, JGF, MJAR, JMM, H1S3, H1S1, H1S2, H1S1, H1N1, H1N2, H1N3, JSD, SSSL, KSR5, KKM, COEN, KLR, MTN, KNRA, WBO, WRA, WRA, WRA, FITZ, FITZ, SONM, SONM, SONM, AS31, ASAR, ASAR, ASAR, DZM, DZM, DZM, MBWA, PSA00, PSA00, GSI, GSI, FORT, BBOO, MORW, NWAO, ZAAO, ZALV, ZALV, MK31, MK31, MKAR, KDKA, SKT, SKT, H2IK, NR1K, ILAR, RIDG, RIDG, J26L, BMAR, BRVK, KKR3, KKR3, KKR3, ARU, ARU, ABKAR, ABKAR, ARCES, ARCES, NVAR, NVAR, FIA1, FIA1, FIA1, FIA1, BRTR, SNA4, LPAZ.

2016 JUL

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Residual, etc. Includes stations like FITZ, WRA, ASAR, STKA, SONM, SIVA, SIVA, SIVA, SIVA, TMBK, TMBK, TMBK, TMBK, GVD5, GVD5, GVD5, GVD5, IDI, IDI, IDI, IDI, IDI, IDI, KSTL, KSTL, IACM, IACM, HRKL, HRKL, HRKL, HRKL, IMMV, IMMV, IMMV, IMMV, IMMV, CHAN, CHAN, CHAN, FRMA, FRMA, FRMA, RODP, RODP, RODP, STIA, STIA, STIA, ZKR, ZKR, ZKR, ANKY, ANKY, ANKY, KTHA, KTHA, KTHA, KTHR, KTHR, KTHR, KARP, KARP, KARP, VLI, VLI, VLI, APE, APE, ARG, ARG, TURN, YER, YER, DALY, DALY, FETHY, FETHY, FETHY, CAME, CAME, ELL, ELL.

1698

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Residual, etc. Includes stations like H10N2, H10N2, H10N1, LIC, TIC, KIC, DBIC, DBIC, DBIC, RCBR, RCBR, TORO, TORO, TORO, BDFB, BDFB, ESDD, ESDD, KMB0, GERES, GERES, GERES, BRTR, BRTR, AKAS0, AKAS0, KKBZ, KKBZ, FINES, ELK, ELK, IDI, IDI, IDI, IDI, IDI, IDI, PMG, PMG, WRA, WRA, ASAR, FITZ, STKA, ATD, ATD, ATD, ATD, KMB0, WSAW, GN1, GEYT, GEYT, BRTR, BRTR, OPO, LSZ, KVAR, MLR, AAK, AKTO, BELG, TSMU, LBTB, BOSA, GERES, ARU, ARU, NVAR, NVAR, SUR, CMAR, ZALV, ZALV, HFS, NOA, SONM, NR1K.

31d 1h

2016 JUL

1700

Table with columns for station call sign, frequency, power, and other technical details. Includes stations like ASAR, BKB, PATS, etc.

Table with columns for station call sign, frequency, power, and other technical details. Includes stations like QIZ, GEXS, JNU, etc.

Table with columns for station call sign, frequency, power, and other technical details. Includes stations like HJU, LHHI, CMAR, etc.

31d 1h

2016 JUL

1702

Table of station data for 31d 1h, including columns for station name, coordinates, elevation, and other parameters.

Table of station data for 2016 JUL, including columns for station name, coordinates, elevation, and other parameters.

Table of station data for 1702, including columns for station name, coordinates, elevation, and other parameters.

Table with columns: CHN4, Tsaushan, 2.19 252 eP, Pn, 02 55 08.3 +1.3, etc.

Table with columns: ASAR, Alice Springs, 29.41 125 P, P, 03 36 44.2 -1.0, etc.

Table with columns: TA01, Diego Aracena, 2.05 303 eP, Pn, 03 42 18.4 +0.3, etc.

KRSC 31 03:13:26.0-0.8,55.79N,163.21E, h19km, 11km, ML3.7,

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

ASAR, Alice Springs, 29.41 125 P, P, 03 36 44.2 -1.0, etc.

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

TA01, Diego Aracena, 2.05 303 eP, Pn, 03 42 18.4 +0.3, etc.

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

IDC 31 03:30:39.4-0.6, 7.71S, 107.99E, h0km, mb4.1/1.3, mbtmp4.1/1.3, MS3.3/7, Error ellipse: s-maj=32.8km

DJA 31 03:40:47.9-0.3, 8.3S, 107.8E, h1km, mb4.6/1.8, mb4.6/12, mb5.1/1.1, ML4.7/1.8, Mw(mb)4.5/1.1, Mw/Mwp5.6/1.1, Mwps.9/1

NEIC 31 03:30:47.3-2.4, 7.99S:0.047:107.79E:0.06, h54km, 4km, mb4.4/2.7, Error ellipse: s-maj=11.3km s-min=8.1km

ISC 31 03:30:48.2-0.4, 8.01S:0.06:107.87E:0.06, h70km, n97, s=123/92, mb4.2/3, Jawa

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

ASAR, Alice Springs, 29.41 125 P, P, 03 36 44.2 -1.0, etc.

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

ASAR, Alice Springs, 29.41 125 P, P, 03 36 44.2 -1.0, etc.

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

Table with columns: CHMS, Chumysh, SNR, Az, El, P, Pb, 04 09 19.1 -0.8, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists station codes and names like RAO Raoul Island, AS31 Alice Springs, etc.

Table with columns: OSPA, RPSI, Rantau Prapat, Az, El, P, Pb, 04 50 32.7, etc. Lists OSPA stations and their coordinates.

31d 5h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include ASAR Alice Springs, TIXI Tiksi, ILAR Eielson Array, INK Inuvik, NVAR Mina Array Bea, FINES FINES Array B, PDAR Pinedale Array.

IDC 31 05:58:29.4-0.7, 51.33N, 179.11W, hOkm, mb3.9/16, mbtmp3.9/19, ML2.6/2, MS3.3/18, Error ellipse: s-maj=23.0km s-min=13.5km az=170.0, MOS 31 05:58:30.6-0.9, 51.31N, 179.16W, h9km, mb4.4/10, Error ellipse: s-maj=20.9km s-min=13.6km az=146.4, NEIC 31 05:58:32.9, 1.6, 51.42N, 0.03, 179.19W, 0.0, h17km, 5km, Error ellipse: s-maj=4.8km s-min=4.1km az=181.0, AEIC 31 05:58:32.1, 3, 51.33N, 0.08, 179.18W, 0.07, h11km, 4km, ML4.5, mb4.4/14(24) ICE, Error ellipse: s-maj=7.1, 1.0km s-min=6.1km az=177.0

Andean Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include GAKI Gareloi-Kavalg, GASW Gareloi Southw, GALAA Gareloi Lava P, GAEA Gareloi East, TASE Tanaga Southea, CERRA Semis' Rag'd T, TAFP Tanaga Falls P, AMKA Amchitka, AMKA Semis' Cerberu, TAPA Tanaga Point A, CEPE Semis' Perret, CESW Semis' Southw, KIMD Kanaga Island, KIKV Kanaga Island, KIWB Kanaga Island, KICM Kanaga Island, LSSE Little Sitkin, LSPA Little Sitkin, LSSA Little Sitkin, LSNW Little Sitkin, ADK Adak, ADK Adak, GSKC Great Sitkin C, GSTD Great Sitkin T, GSTD Great Sitkin M, GSTR Great Sitkin T, KOKL Mount K Kluef, KOFF Korovin Flat P, KOSE Korovin Southe, SMY Shemya, SMY Shemya, SMO Concord Point, NIKH Nikolski High, NIKH Nikolski High, OKSP Okmok Steeple, MAPS Pakushin South, SPIA Saint Paul Isl, SPIA Saint Paul Isl, MSW Makushin Swite, UNV Unalaska Valle, UNV Unalaska Valle, AKRB Akutan Reef Bi, AKGG Akutan Green G, AKGBA Akutan Broad B, AKUT Akutan, AKSA Akutan Strait, ISNN Isanotski Nort, SDPT Sand Point, SDPT Sand Point, CNBA Chernabura Isl, CHNA Chernabura Isl, CHGN Chignik, CHGN Chignik, R16K Pilot Point, PETK Petropavlovsk-1, PETK Petropavlovsk-2, N16K Nishitka Lake, R17K Ugashik Creek, Q16K King Salmon, Q17K Contact Creek, P17K Kvichak River, SII Sitkinak Islan, SII Sitkinak Islan, Q18K Katmai Hardscr, P18K Big Mountain, P18K Big Mountain, N18K Kilae Creek, OHAK Old Harbor, OHAK Old Harbor, SVW2 Sparrevohn, SVW2 Sparrevohn, Q19K Cape Douglas, Q19K Cape Douglas, N19K Bonanza Creek, N19K Bonanza Creek, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, P19K Oil Pt, P19K Oil Pt

2016 JUL

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include P19K Oil Pt, ILSW Iliamna Southw, TTA Talatina, TTA Talatina, L19K White Mountain, L19K White Mountain, M19K Big River Lodge, O20K Slope Mountain, RSO Redoubt South, HOM Homer, L20K Farewell, AK, M20K Styx River, K20K Telida, K20K Telida, BILL Biibino, BILL Biibino, BILL Seymour, BILL Novinta River, J20K Novinta River, J20K Novinta River, SKT Skwentna, SKT Skwentna, PPLA Purkeypile, O22K Cooper Landing, SEW Seward, SEW Seward, CAST Castle Rocks, MA2 Magadan, MA2 Chulitna, SEY Seymour, SEY Seymour, KTH Kantishna Hill, PWL Port Wells, PWL Port Wells, TRF Thorofare Moun, TRF Thorofare Moun, BPAW Bear Paw Mtn, BPAW Bear Paw Mtn, KNK Knik Glacier, KNK Knik Glacier, H21K Melozitna Rive, H21K Tanana, SML Sawmill, SML Sawmill, G21K Allakaket, WAT1 Susitna Watana, M23K Glacier View, GLI Glacier Island, MLY Manley, RND Reindeer, MCK McKinley, SCM Sheep Creek Mo, SCM Sheep Creek Mo, WAT6 Susitna Watana, H22K Ishlaltina Cree, FID Port Fidalgo, FID Port Fidalgo, F21K Altna River, NEA2 Nenana, NEA2 Nenana, DHY Denali Highway, DHY Denali Highway, I23K Minto, Yukon-K, EYAK Cordova Ski Ar, KLU Klutina, KLU Klutina, M24K Tolsona, Glenn, WRH Wood River Hill, F22K John River, MDM Murphy Dome, MDM Murphy Dome, CCB Clear Creek Bu, COLA College, COLA College, COLA College, RAGM Ragged Mountai, G23K Bananza Creek, HDA Harding Lake, HDA Harding Lake, BMRM Bremner River, BMRM Bremner River, HARP HAARP, POKR Poker Hat Res, PAX Paxson, PAX Paxson, PAX Paxson, PAX Paxson, COLD Coldfoot, COLD Coldfoot

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include N25K Chitina, Valde, N25K Chitina, Valde, IL31 Eielson Array, ILAR Eielson Array, H24K Noodor Dome, H24K Noodor Dome, K24K Donnelly Dome, GLB Gilahina Butte, GLB Gilahina Butte, RIDG Independent Ri, CROQM Cirque, CROQE Cirque, J25K Salcha River, G240 Hadweenciz Riv, MCARA McCarthy VSNR, MENT Mentasta, DOT Dot Lake, D23K Nanshuk River, SCRK Sand Creek, L26K Log Cabin Wild, L26K Log Cabin Wild, F24K Squaw Lake, M26K Nabesna, AK, TOLK Toolik Lake Re, E24K Your Creek, G25K Bearman Lake, GRNC Granite Creek, J26L Joseph Creek, M27K Edge Creek, AK, M27K Edge Creek, AK, CTG Chitna Glacier, CTGM Chitina Glacie, C23K Itkillik River, D24K Happy Valley, LOGN Logan Glacier, L27K Bear Creek, I26K Coal Creek Min, I26K Coal Creek Min, F25K Christian River, K27K Chicken, PINM Pinnacle, C24K Franklin Bluff, O28M Mount Upton, YUK3 Moose Creek, E25K Arctic Village, G26K Porcupine Rive, F26K Sheikha, D25K Kavik River, TYV Tymovskoe, TYV Tymovskoe, O29M Mount Kennedy, YUK4 Talbot Arm, G27K Doyon Strip, YUK6 Outpost Mounta, DAWY Dawson, DAWY Dawson, C26K Camden Bay, HYT Haines Junctio, C27K Jago River, E27K Coleen River, N30M Aishik Lake, I29M Ogilvie Camp, I29M Ogilvie Camp, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, M30M Minto, Yukon, O30N Mendenhall, P33M Teslin, INK Inuvik, INK Inuvik, H11N2 WAKE ISLAND Hy 33.37 204, H11N3 WAKE ISLAND Hy 33.38 204, H11N1 WAKE ISLAND Hy 33.38 204, H11S1 WAKE ISLAND Hy 34.59 204, H11S2 WAKE ISLAND Hy 34.60 204, H11S3 WAKE ISLAND Hy 34.60 204, YKA Yellowknife Ar, LTY Teslin, B08A Colville Reser, G05D Wamic, I04A Tendick Farm, I05D Terrebonne, OR

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include HAWA Hanford, F07A Phinny Hill Vi, D08A Wolfram Farm, J04D Umpqua Nationa, C09A Christmas Ranch, NEW Newport, NEW Newport, J05D Fort Rock, OR, KSRS Korea Array, I07A Modoc Plateau, MOD Modoc Plateau, WALA Waterton Lakes, BMO Blue Mountains, BMO Blue Mountains, J08A Circle Bar Ran, JMTT Jette, MSO Missoula, MSO Missoula, PNTR Pine Nut, PNTR Holter Researc, HRY Hailey, HLD Hailey, BLND Battle Mountai, BMN Battle Mountai, BMN Battle Mountai, KVN Kaiserslautern, BOZ Bozeman (W), NVAR Mina Array Bea, MDPB Devils Postpil, NV11 Mina Array Sit, ELK Elko, ELK Elko, H17A Grant Vill, IMW Indian Meadow, CWC Cottonwood Cre, TPAW Teton Pass, RLMT Red Lodge, LOHW Long Hollow, R11A Troy Canyon, R11A Troy Canyon, AHID Auburn Hatcher, MPMC Manual Prospec, SPR3 Spring Creek 3, FURC Furnace Creek, TPNV Topopah Spring, TPNV Topopah Spring, HWUT Hardware Ranch, ULN Ulanbaatar, ULN Ulanbaatar, DUG Dugway, DUG Dugway, DUG Dugway, GWY Greenwater Val, EDW2 Edwards Air Fo, SNCC San Nicolas Is, JOW Kunigami, PRN Pahroc Range, SRM Sorngino Array, SONM, BW06 Boulder Array, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, SHOC Shoshone, TECO Shoshone, GSC Goldstone, GSC Goldstone, GSC Goldstone, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Marysville, GMRV Granite Mounta, PFO Pinyon Flats O, K22A Casper, NJ2 Nanjing, NJ2 Nanjing, O20A White River Ci, PDMCI Parker Dam, L, N23A Red Feather La

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include N23A Red Feather La, PHWY Pilot Hill, WUAZ Wupatki, MVCO Mesa Verde, MVCO Mesa Verde, ISCO Idaho Springs, W18A Petrified Fore, S22A 4JR Ranch, Cre, X18A Snowflake, SDCO Great Sand Dun, TUC Tucson, TUC Tucson, TUC Tucson, KSCO Kaye Shedlock, T25A Trinidad, T25A Trinidad, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ECSD EROS Data Cent, ECSD EROS Data Cent, GTA Gaotai, MXTX Muleshoe, KSU1 Kansas State U, WMOK Wichita Mounta, WMOK Wichita Mounta, TXAR Lajitas Array, ABTX Abilene, WAWA Wawawai, S39A Bolivar, U38A Gravette, HDIL Hopedale, X37A Clayton, CCM Cathedral Cave, JCT Junction City, GOMU Geerlu, GOMU Geerlu, GOMU Geerlu, GOMU Geerlu, BVAR Borovoye Array, WHTX Lake Whitney, SFIN Lafayette, MIAR Mount Ida, SADO Sadova, O48B Farmland, PZH PanZhiHua, PZH PanZhiHua, PZH PanZhiHua, WVT Waverly, SSPA Standing Stone, FINES FINESS Array B, LRAL Lakeview Retre, PKME Peaks-Kenny Pk, L16B Northampton, PAL Palisades, HRV Adam Dzielowski, AKTO Aktyubinsk, NOA NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, GOGA Godfrey, HFS Hagfors, BELG Belogornoye, AKASO Malin Array Be, KBZ Khabaz, CRVS Cervenica-Dubn, VRAC Vranov, GNI Gani, WRR Warramunga Arr, BRTR Keskin Array B, ASAR Alice Springs, STKA Stephens Creek, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, BOSA Boshof, NIED 31 06:09:50.6, 0.2, 37.3N, 0.7, 14.4E, h49km, MW3.9/33, FAR E OFF NORTH HONSHU, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include JMA 31 06:09:50.6, 0.2, 37.3N, 0.7, 14.4E, h49km, MW3.9/33, FAR E OFF NORTH HONSHU, Off east coast of Honshu, IDC 31 06:44:30.9, 67.0, 22.31S, 179.84W, h0km, mb3.7/3, mbtm3.7/3, Error ellipse: s-maj=121.10km, s-min=162.93km, az=85.0, South of Fiji Islands, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, IDC 31 08:09:01.3, 6.3, 31.45N, 151.11E, h0km, mb3.5/3, mbtm3.5/4, ML3.0/1, MS2.7/2, Error ellipse: s-maj=127.1km, s-min=49.7km, az=113.0, TEH 31 08:09:03.9, 31.60N, 150.90E, h8km, ML3.4, DYN 31 08:09:05.7, 9.31, 29N, 151.02E, h10km, ML3.3/3, Error ellipse: s-maj=25.2km, s-min=9.9km, az=24.0, IDC 31 08:09:04.6, 0.7, 31.53N, 103.50E, h19km, n43, s178/46, mb3.6/3, Northern and Central Iran, IBRJ Brojen, KLNJ Kolanjah, KLNJ Kolanjah, SHK1 Shahrekord, SHK1 Shahrekord, ABEH Behbahan, IPIR Piripir, IRAM Rameshah, IRAM Rameshah, IGAR Gharneh, IGAR Gharneh, AMIS Naft Sefid, AMIS Naft Sefid, AMIS Naft Sefid, IZEF Zefreh, IKLH Kolahrood, IKLH Kolahrood, AHWZ Ahwaz, KAZI Kazerun, NASN Na'in, QAMS Gamsar, SHI Shiraz, SHI Shiraz, KHMZ Khomeyn, ISAD Isfahan, KRSH Karshahi, KRSH Karshahi, AHBV Ahrmah, GHVR Ghom, ISFB Sefidab, ASAO Ashtian, YZKH Yazd, IDOB Doab, IKFM Kafar-mosallan, IQOM Gom, IRAM Gamsar, HAGD Ahgadhare, IKOM Komasi, IKOM Komasi, DAMV Damand, CHTH Charan, SNGE Sanandaj, IDHR Dehrah, BANOM Banah, BANOM Banah, UOSS Minazif, HATD Hatta, Dubai, HATD Hatta, Dubai, ASHO Ashiyah, ASHO Ashiyah, BRTR Keskin Array B, BRTR Keskin Array B, BVAR Borovoye Array, FINES FINESS Array B, NOA NORSAR Array B, NOA NORSAR Array B, TORO Torodir, TORO Torodir, NEIC 31 08:15:07.6, 0.5, 12.22N, 101.124, 97E, 0.06, h49km, 10km, mb4.4/13, Error ellipse: s-maj=19.5km, s-min=8.5km, az=169.0, MAN 31 08:15:10.12, 42.2N, h32km, 125.10E, h32km, Ms3.1, IDC 31 08:15:13.3, 15.0, 12.10N, 124.88E, h106km, 144km, mb3.6/5, mbtm3.4/5, MS2.7/1, Error ellipse: s-maj=89.1km, s-min=17.9km, az=58.0, IDC 31 08:15:08.6, 1.0, 12.34N, 105.125, 12E, 0.07, h64km, 11km, n39, s191/41, mb4.3/11, 9C-2D, Samar

Table with columns for station name, frequency, power, and other technical details. Includes stations like QSPA, GSPA, PLCA, MAW, CPUP, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ETMB, LSZ, NNA, CZSB, ATAH, BOAV, MDP, DBIC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WHY, C36M, PLBC, FARO, M31M, HNS, P30M, P29M, N31M, BTO, A36M, PNL, M30M, M30M, H3C, M30M, O28M, TABL, LOGN, INUK, INK, INK, CTGM, DAWY, DAWY, JNU, I29M, CRQUE, KAIM, VRDI, L27K, SONM, SONM, SONM, BMRM, K27K, K27K, K27K, L26K, EYAK, EYAK, TJJN, TJJN, KLU, HARP, P23K, G27K, SCRKN, J26L, NRIK, NRIK, I26K, M24K, PAX, RIDG, RIDG, E27K, SCM, K24K, PWL, J25K, M23K, G26K, KSAR, KSAR, KNK, KSRS, XLT, XLT, XLT, SML, WATY, WATY, F26K, O22K, PMR, BRSE, KDAK, C27K, RCO1, IL31, ILAR, ILAR, OHAK, SII

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like G25K Bearman Lake, F25K Christian Rive, etc.

IDC 31 09:50:15.5±1.7, 20:00'S×177:40'W, h559km, 19km, mb3.6/4, mblmp4.4/8, Error ellipse: s-maj=33.0km s-min=23.9km az=143.0

NEIC 31 09:50:17.1±0.8, 19:39'S×177:51'W, h560km, 19km, mb4.4/17, Error ellipse: s-maj=38.3km s-min=20.6km az=197.0

ISC 31 09:50:15.5±0.7, 19:38'S×177:53'W, h550km, n31, σ150/34, mb4.4/12, Fiji Islands region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MSVF Nonsavu, NIUE Niue, AFI Afiamalu, etc.

JMA 31 09:53:48.6±0.2, 24°N±1'×122:22'E±0.6, h37km±4km, MV2.7/10, TAIWAN REGION

TAP 31 09:53:49.8, 23:94'N, 122:17'E, h41km, ML3.4, D

ISC 31 09:53:46.0±1.0, 23:86'N, 122:22'E±0.02, h14km±8km, n106, σ06/203, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TEYL Yanliu Villag, HWA Hwalien, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like EWUT Wuta, ENA Nanau, ENA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TYC Yuchur, TWA, SX11, etc.

31d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like JIJ Ishigaki jima, JJJ Sandimen, SSD Sszhu, WSF Szu, ICHU Yijhu, etc.

IDC 31 09:54:13.4.1.1, 4.38Sx151.48E, h0km, mb3.4/3, mbtmpp3.5/3, Error ellipse: s-maj=35.9km s-min=14.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like KRVT Keravat (AS076), KRVT 264nm, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 31 10:09:03.0.1.1, 55.85Sx27.06W, h0km, mb4.1/3, mbtmpp4.1/3, MS3.5/1, Error ellipse: s-maj=42.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like URZ Urewera, URZ Urewera, KOUNC Koumang, etc.

IDC 31 10:09:09.6.0.8, 56.0Sx127.27W, h50km, n23, o#88/17, mb4.2/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like HOPE Hope Point, SNAA Sanae, BELA Belgrano 2, TRQA Torquist, VDA Vanda, G001 Chusiro, etc.

IDC 31 10:17:43.4.2.3, 18.80Nx145.48E, h194km, 22km, mb3.3/9, mbtmpp3.8/12, Error ellipse: s-maj=32.0km s-min=11.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like GUMO Guam, JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, etc.

2016 JUL

mbtmpp5.1/31, Error ellipse: s-maj=9.9km s-min=7.7km az=76.0, NEIC 31 10:19:54.2.1.2, 23.85Sx179.92E, h51km, 6km, mb4.9/69, Error ellipse: s-maj=14.8km s-min=13.0km

NOU 31 10:19:54.5.2, 23.88Sx179.84W, h542km, ML4.7/13, South of Fiji Islands

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

1716

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like MTN Manton Dam, KNRA Kununurra, KNRA Kununurra, etc.

IDC 31 10:19:54.3.0.5, 23.85Sx179.92E, h514km, 4km, mb4.2/30,

Table of astronomical objects (PEA0B, PETK, USRK, etc.) with columns for object name, RA, Dec, Mag, and other parameters.

Table of astronomical objects (BOSA, ARU, AKTO, etc.) with columns for object name, RA, Dec, Mag, and other parameters.

Table of astronomical objects (KHC, ARU, AKTO, etc.) with columns for object name, RA, Dec, Mag, and other parameters.

31d 10h

baz=219.0

ISC 31 10:30:18.6:0.9,5.34N,0.05:127.26E:0.07,h109km,8km,
n81,c129/88,m4.3/31,5C-7D,Philippine Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Don Marcelino, Mati, Davao City (W), etc.

2016 JUL

Table with columns: M20K, Styx River, 80.42 28 P, P, 10 42 18.8 +0.7, 10 42 20.8. Lists stations like Elselon Array, Burnd Mountain, Vanda, etc.

JMA 31 10:33:19.6:0.2,24.6N,0.3:121.8E:0.6,h67km,2km,
MV2 4/10,TAIWAN REGION
TAP 31 10:33:20.2:24.57N,121.80E,h64km,ML3.4,C
ISC 31 10:33:20.7:1.1,24.58N,0.02:121.85E:0.02,h63km,5km,
n106,c190/0202,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Suao, Wuta, Dongshan, etc.

1718

Table with columns: TWS1, Wufeng Township, 0.67 275 P, Pn, 10 33 45.0 +0.4, 10 33 33.4 -1.4. Lists stations like Wufeng Township, Anpu, etc.

31d 11h

Table with multiple columns listing names (e.g., ABTA, ABTA, SOKA), numerical values, and status codes (e.g., eP, P, PPK). Includes sub-sections like Wattenberg, BIAOA, HERR ARSA, etc.

2016 JUL

Table with multiple columns listing names (e.g., SOC, PMG, SDCO), numerical values, and status codes (e.g., ePPP, eSSS, P). Includes sub-sections like YUHA, CBX, KIBZ, etc.

1722

Table with multiple columns listing names (e.g., MNK, MNK, MNK), numerical values, and status codes (e.g., iPKP, PKP). Includes sub-sections like MINSK, ISABELLA, etc.

31d 12h

Table of meteorological data for the first 12 hours of a 31-day period. Columns include station names like Sheep Creek Mo, Sheehnek River, and locations like UAF Yank. Data includes coordinates, altitudes, and weather conditions.

2016 JUL

Table of meteorological data for the month of July 2016. Columns include station names like Oil Pt, Toolik Lake Re, and various locations. Data includes coordinates, altitudes, and weather conditions.

1724

Table of meteorological data for a specific time period (1724). Columns include station names like Bodaibo, Sado, and various locations. Data includes coordinates, altitudes, and weather conditions.

Table with 5 columns: Code, Station Name, Δ°, AZZ', Phase ID, Time, Res. It lists station codes and their corresponding data for various locations.

Table with columns: BOO, MPRI, Monte Prat, etc. Includes station names, codes, and coordinates.

Table with header: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like MOTA, SOTA, WATA, RETA, WTTA.

ISN 31 12:19:50.7-0.5, 33°29'N-47°22'E, h7km, mb3.6/4, Error ellipse: s-maj=4.0km s-min=2.2km az=38.0 2 km WSW of Seefeld, Austria

Large table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists numerous stations including MOTA, SOTA, WATA, RETA, WTTA, DH1L, IKOM, etc.

IDC 31 12:22:45.7-4.4, 11°23'N-85°23'W, h0km, mb3.6/4, Error ellipse: s-maj=241.7km s-min=80.1km az=54.0

UCR 31 12:22:46.3-1.7, 10°23'N-86°25'W, h26km, mb3.6/4, Error ellipse: s-maj=20.0km s-min=10.0km az=75.0

INET 31 12:22:47.0-1.0, 10°23'N-86°22'W, h15km, mb3.6/4, Error ellipse: s-maj=20.0km s-min=10.0km az=75.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like SAJU, HZTE, INDI, VMAR, etc.

Table with columns: ANMO, PDAR, NVAR, etc. Includes station names and coordinates.

ISK 31 12:40:56.7, 40°85'N-41°55'E, h9km, ML2.6/8, Error ellipse: s-maj=13.4km s-min=7.0km az=115.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like HOPA, CHOM, SENK, etc.

NEIC 31 13:07:03.8-1.3, 26°24'S-10°10'W, h504km, mb3.6/4, Error ellipse: s-maj=16.0km s-min=14.3km az=114.0

IDC 31 13:07:04.5-0.8, 26°05'S-179°29'E, h510km, mb3.6/4, Error ellipse: s-maj=14.2km s-min=11.5km az=130.0

ISC 31 13:07:03.6-0.4, 26°17'S-0°06'W, h500km, mb3.6/4, Error ellipse: s-maj=14.2km s-min=11.5km az=130.0

Large table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists numerous stations including RAO, MSV, HARN, etc.

Large table with columns: TROLL, SNA, VNA, etc. Lists numerous stations including Troll, Snaa, Vna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Rows include stations like MINA Concepcio, MVO Moncorvo, PTAV Tavera, PCAB Cabril, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Rows include stations like EPFF Esparrros, LFF La Frestale, MTLF Montoliu, QJUF Quisticin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Rows include stations like YUHZ In-Ko-Pah, IKP In-Ko-Pah, MONP2 Monument Peak, etc.

31d 17h

Table listing astronomical observations for 31d 17h, including station codes, names, coordinates, and observation times.

ADC 31 16:34:54.5 ± 1.6, 39.01N; 142.67E, h0km, mb3/8.5, mtbmp4.7/8, ML2.8/3, MS2.7/4, Error ellipse: s-maj=42.7km s-min=21.0km az=69.0

NEIC 31 16:35:02.4 ± 2.9, 38.96N; 142.11E, h0.1, h35km, 2km, mb4.4/7, Error ellipse: s-maj=16.2km s-min=5.2km az=117.0

NIED 31 16:35:03.5 ± 38.92N; 141.93E, h51km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn:2.07; Mw:0.25; Mbb:-2.33; Mb:-1.48; Mss:-0.39; Ml:3.08; Fault plane solution: Ms:4.090000x10^14 NP1: 61.72.00000, 119.00000, 160.00000. NP2: 62.00000, 174.00000, 100.00000.

JMA 31 16:35:03.5 ± 0.1, 38.99N; 141.97E, h51km, MV3.8/40, KINKAZAI REGION

JMA Feit J1 at KINKAZAI REGION. ISC 31 16:35:03.0 ± 1.2, 38.989N; 141.97E, h51km, MV3.8/40, n49, ±159/50, mb4.1/2, 15D, Near east coast of eastern Honshu

Table listing station information for the KINKAZAI REGION, including station codes, names, coordinates, and observation times.

Table listing station information for the MAJOSHIRE region, including station codes, names, coordinates, and observation times.

Table listing station information for the HONSHU region, including station codes, names, coordinates, and observation times.

NEIC 31 16:43:18.9 ± 2.5, 15.52N; 106.93E; 78W; 0.05, h75km, 8km, mb4.1/4, Md4.2/64(MEX), Error ellipse: s-maj=9.2km s-min=6.0km az=201.0

MEX 31 16:43:20.8 ± 0.4, 15.52N; 93.72W, h79km, 5km, MD4.2 ISC 31 16:43:18.1 ± 0.8, 15.46N; 105.93E; 82W; 0.03, h81km, 10km, n68, ±216/114, Near coast of Chiapas

2016 JUL

Main table listing astronomical observations for 2016 JUL, including station codes, names, coordinates, and observation times.

ADC 31 17:16:58.3 ± 1.2, 6.78S; 152.72E, h0km, mb4.0/9, mtbmp4.0/11, ML2.2/1, MS3.7/2, Error ellipse: s-maj=36.8km s-min=19.1km az=111.0

DJA 31 17:17:02.2 ± 0.9, 7.55S; 153.3E; 1.1, h30km, 3km, M4.6/10, mb5.3/4, mb4.6/10, ML4.6/2, Mw(mB)4.7/4

ISC 31 17:17:02.5 ± 1.1, 6.70S; 152.6E; 0.1, h23km, n17, ±153/15, mb4.1/10, New Britain region

Table listing station information for the New Britain region, including station codes, names, coordinates, and observation times.

SOMM Songo Array 67.82 328 P 1.6nm, 0.8s, baz=137, slow=6.2, SNR=7.0

1730

Table listing astronomical observations for 1730, including station codes, names, coordinates, and observation times.

IDC 31 17:17:50.3 ± 0.6, 28.57N; 130.158E, h0km, mb4.3/23, mtbmp4.4/27, ML4.5/2, MS3.8/44, Error ellipse: s-maj=16.0km s-min=13.5km az=100.0

BUL 31 17:17:50.2 ± 0.0, 28.34N; 130.76E, h20km, mb4.4/5/1, mb4.4/31, Ms4.3/46, Ms7.4/2/2

NEIC 31 17:17:52.9 ± 1.8, 28.50N; 130.61E; 0.05, h15km, 4km, mb4.9/33, Error ellipse: s-maj=7.4km s-min=5.9km az=208.0

GCMT 31 17:17:53.9 ± 0.5, 28.37N; 130.71E; 0.03, h28km, 1km, Mw:4.970, Moment Tensor Solution: s21 c27, s70,c04, Duration: 0 Moment tensor: Scale 10^16Nm; Ml: 2.01; M2: M3: 0.11; M4: M5: 2.12; M6: M7: 3.23; M8: 0.28; M9: M10: 0.38; M11: Best double couple: M2: 1.5000x10^16 NP1: 199.00000, 842.00000, -73.00000. NP2: 356.00000, 851.00000, -105.00000. Principal axes: T 2.1820, P1g5.0000, Azm96.0000; N -0.0640, P1g11.0000, Azm5.0000; P -2.1190, P1g78.0000, Azm208.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NIED 31 17:17:53.8 ± 28.50N; 130.65E, h60km, MW4.4, Moment Tensor Solution: s3 Moment tensor: Scale 10^15Nm; Mn: 2.68; Mw: 1.99; Ml: 4.66; Ml: 2.05; Ml: 2.04; Mw: 1.51; Fault plane solution: Ms:4.73000x10^15 NP1: 231.00000, 851.00000, -32.00000. NP2: 343.00000, 865.00000, -136.00000.

JMA 31 17:17:53.8 ± 0.1, 28.50N; 130.71E; 0.6, h60km, 1km, MD4.3/33, MV4.4/33, NEAR AMAMI-OSHIMA ISLAND

JMA Feit J1 at NEAR AMAMI-OSHIMA ISLAND. ISC 31 17:17:53.3 ± 0.5, 28.46N; 130.69E; 0.04, h36km, 1km, n193, ±154/187, mb4.7/50, MS4.0/61, 6C-3D, Ryukyu Islands

Table listing station information for the Ryukyu Islands region, including station codes, names, coordinates, and observation times.

ISC 31 17:17:53.9 ± 1.2, 28.50N; 130.65E; 0.1, h23km, n17, ±153/15, mb4.1/10, New Britain region

Table listing station information for the New Britain region, including station codes, names, coordinates, and observation times.

SOMM Songo Array 67.82 328 P 1.6nm, 0.8s, baz=137, slow=6.2, SNR=7.0

1731

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DL2, WHN, CN2, HNS, BJT, BJI, LYN, BNK, TIY, GULI, ENSHI, XAN, GUMU, HHC, HHC, HHC, HHC, KLR, BTO, QIZ, GYA, DAV, CD2, LZH, PZH, and SONM.

2016 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SONM, SONGIO, GAOTAI, GTA, TOLIZ, CHTO, CMAR, GOMU, FAKI, PETK, PETK, YAK, YAK, MA2, KAPI, KULM, SEY, WMQ, WMQ, UGM, GSI, MKAR, ZAAO, ZALV, ZALV, ZALV, ZALV, MAZ, MAKZ, MAKZ, KURK, KURRB, AAK, NRIK, NRIK, NRIK, WRA, KKAR, BVAR, BRVK, MBWA, CTAO, CTAO, PSAO, PSAO, PALK, AS31, ASAR, ASAR, ABKAR, EIDS, ARU, AKTO, L19K, L19K, J20K, J20K, IMAR, H21K, H21K, KDAK, STKA, H24K, H24K, ILAR, ILAR, KIRV, BELG, M27K, M27K, INK, INK.

KLMR 31d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLMR, HYT, ARCES, GNI, KBZ, KVAR, FINES, FINES, MNK, MNK, MNK, MNK, MNK, MNK, MNC, NACGM, AKASO, AKASO, AKKB, YKA, JMJC, BRTR, BRTR, HFS, NB2, NOA, NOA, SUMG, SUMG, OJC, OJC, OJC, EIL, ELL, MORC, KRLC, KRLC, OSTC, DPC, DPC, DPC, VRAC, VRAC, KRUC, KRUC, PVCC, BRG, BRG, BRG, BRG, TREC, TREC, CLL, CLL, PRU, PRU, CONA, CKRC, CKRC, NKC, NKC, BORG, BORG, KHC, KHC, KHC, ARSA, GERS, SFJD, SOKA, BIOA, IDI, ITM, ABTA, FRB, NVAR, EKA, DAVOX, PDAR, SCHO.

1735

Table of station data for 1735, including columns for station name, coordinates, elevation, and status. Stations include N18K Kilae Creek, Q17K Contact Creek, GTA Gaotai, P18K Big Mountain, L19K White Mountain, Q18K Katmai Hardscr, A21K Barrow, N19K Bonanza Creek, J20K Nowinta River, J20K Nowinta River, J20K Telida, K20K Telida, L20K Farewell, AK, IMAR Indian Mountai, G21K Allakaket, F21K Alatina River, M20K Styx River, Q19K Cape Douglas, H21K Melozitna Rive, H21K Melozitna Rive, PPLA Purkeypile, CAST Castle Rocks, CAST Castle Rocks, F22K John River, I21K Tanana, OHAK Old Harbor, E22K Anaktuvuk Pass, H22K Ishlatitna Cre, Q20K Shuyak Island, KDAK Kodiak Island, KDAK Kodiak Island, BPAW Bear Paw Mtn, BPAW Bear Paw Mtn, KTH Kantishna Hill, MLY Manley, MLY Manley, COLD Coldfoot, SUA Susitna One, G23K Bananza Creek, H23K Yukon River, H23K Yukon River, I23K Minto, Yukon-K, NEA2 Nenana, NEA2 Nenana, RC01 Rabbit Creek A, D24K Happy Valley, O22K Cooper Landing, MCK McKinley, C24K Franklin Bluff, E24K Your Creek, PMR Palmer, SEW Seward, MDM Murphy Dome, WAT1 Susitna Watana, F24K Squaw Lake, H24K Noodor Dome, TCOL CIGO, UAF Yank, COLA College, G24K Hadweenzic Riv, KNK Knik Glacier, SML Sawmill, SML Sawmill, POKR Poker Plat Res, PWL Port Wells, WAT6 Susitna Watana, DHY Denali Highway, DHY Denali Highway, IL31 Eielson Array, ILAR Eielson Array, HDA Harding Lake, HDA Harding Lake, D25K Kavik River, SCM Sheep Creek Mo, G25K Bearman Lake, F25K Christian Rive, E25K Arctic Village, GLI Glacier Island, P23K Montague Islan, PRP Porcupine Dome, K24K Donnelly Dome, ZALV Zalesovo Beam

2016 JUL

Table of station data for 2016 JUL, including columns for station name, coordinates, elevation, and status. Stations include M24K Tolsona, Glenn, J25K Salcha River, KLU Klutina, KLU Klutina, F26K Sheenjek River, C27K Jago River, RIDG Independent Ri, RIDG Independent Ri, HARP HAARP, G26K Porcupine Rive, SCRC Sand Creek, SCRC Sand Creek, SCRC Sand Creek, GOMU GeErMtu, GOMU GeErMtu, GOMU GeErMtu, J26L Joseph Creek, N25K Chitina, Valde, I26K Coal Creek Min, KAIM Kayak Island, M26K Nabesna, AK, K27K Chicken, CRQM Crone, CRQE Cirque, L27K Beaver Creek, L27K Beaver Creek, PZH PanZhiHua, PZH PanZhiHua, PZH PanZhiHua, BCAR Beaver Creek A, WM0 Uruin, M27K Edge Creek, M27K Edge Creek, M27K Edge Creek, ISLE Juniper Island, GRNC Granite Creek, GRNC Granite Creek, BVCV Beaver Creek, CTG Chitna Glacier, CTGM China Glacie, DAWY Dawson, YUK3 Moose Creek, I29M Ogilvie Camp, I29M Ogilvie Camp, O28M Mount Upton, YUK6 Outpost Mounta, M30M Minto, Yukon, M30M Minto, Yukon, HYT Haines Junctio, HYT Haines Junctio, N30M Aishik Lake, P29M Windy Craggy, P29M Windy Craggy, KURK Kurchatov, KURK Kurchatov, P30M Million Dollar, N31M Graeburn, Yuku, O30N Mendenhall, PLBC Pleasant Camp, M31M Drury Creek, WHY Whitehorse, FARO Faro, Yukon, P33M Teslin, Yukon, P33M Teslin, Yukon, R33M Jennings River, DLBC Dease Lake, DLBC Dease Lake, T35M Bob Quinn, YKA Yellowknife Ar, CHGR Chuyangaron, CHGR Chuyangaron, CHGR Chuyangaron, ARCES ARCES Array B, ARCES ARCES Array B, J05D Fort Rock, OR, FINES FINES Array B, FINES FINES Array B, MSO Missoula, OBN Obninsk, OBN Obninsk, FFC Filin Flon, FFC Filin Flon, HLID Hailey, BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), KVN Kaiserville, KVN Kaiserville, KVN Kaiserville, ZALV Zalesovo Beam

31d 19h

Table of station data for 31d 19h, including columns for station name, coordinates, elevation, and status. Stations include NVAR Mina Array Bea, DGMT Dagmar, NB2 NORAR Subarra, NOA NORAR Array B, CWC Cottonwood Cre, R11A Troy Canyon, WRA Warramunga Arr, DUG Dugway, PDAR Pinedale Array, MPMC Manual Prospec, FURC Furnace Creek, TPNV Topnot Spring, EDW2 Edwards Air Fo, GSC Goldstone, Bar, AKASA Malin Array Be, RSSD Black Hills, GMRC Granite Mounta, BELC Belle Mtn. Jos, PDMCI Parker Dam, LAK, ASAR Aug Springs, GLA Glamis, WUAZ Wuzuki, SUSD Miller, MVCO Mesa Verde, EYMN Ely, ECSD EROS Data Cent, CLL Collm, GERES GERES Array B, VLQD Val d'Or, CCM Cathedral Cave, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, MIAR Mount Ida, WVT Waverly, TROLL Troll, Antarti, PLCA Paso Flores, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, Code Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC

Table with columns: THE, HORT, KZN, FNA, SOH, PLG, SRS, NVR, KOKK, BOSS, PRVS, VTS, BARS, ZAPS, etc. Each row contains station name, frequency, mode, and other technical details.

Table with columns: KBF, PAHR, PAHR, PAHR, TNK, LOY, DONR, WVA, EMB, YERR, YERR, YERR, BEKR, BEKR, RYN, RYN, KVN, KVN, CMB, NVAR, LHV, LHV, NN11, HOK, BMN, BMN, etc. Each row contains station name, frequency, mode, and other technical details.

Table with columns: GIDE, IMYA, TPV, JKRH, QAMS, TBUM, NASN, IKLH, YZKH, ASAO, IZEF, AFZF, GASI, ASTR, ASTR, ZNJK, LKRN, LKRN, LKRN, IREG, IGAR, ISAD, LRK, LRK, GLBA, SHRT, YRD, YRD, IBAF, GBS, GRMI, GRMI, IRAM, ISRB, ATGJ, ATGJ, SIZA, SIZA, PQL, PQL, KDMR, BSRN, BLQ, IML, IML, IHRH, QRD, QRD, QRD, QUBA, XNQ, XNQ, QBL, QBL, QSAR, AGDM, SEKA, SEKA, ORD, GANJ, CAJN, SHAB, SHAB, SBZ, ZKTA, ZKTA, HYE, HYE, QZZ, QZZ, AB31, AB31, AKTO, AKTO, BVA0, BVA0, etc. Each row contains station name, frequency, mode, and other technical details.

NEIC 31 19:44:46.0, 1.5, 32.9S; 0.1x178.1W; 0.1, h10km, 2km, mb4.4/11, Error ellipse: s-maj=23.4km s-min=20.5km

IDC 31 19:44:49.6, 1.3, 32.84S; 179.05W, h0km, mb4.2/3, mbmp4.3/4, ML4.5/1, MS3.0/3, Error ellipse: s-maj=37.1km s-min=29.2km az=63.0

ISC 31 19:44:47.9, 1.2, 32.8S; 0.1x178.4W; 0.2, h10km, n31, 0.172/25, mb4.4/9, South of Kermaed Islands

NNC 31 20:34:46.8, 2.4, 39.36N; 70.63E, h0km, mb3.9, mpv3.6, 4C-5D, Error ellipse: s-maj=18.7km s-min=11.7km

az=30.0, Tajikistan

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

QRD Zardab 6.49 300 S Sn 20 44 56.5 -1.6

QUBA Quba, Azerbaij 6.52 311 S Sn 20 45 00.2 +1.2

XNQ Khinaliq 6.63 308 P Pn 20 43 52.2 +4.7

XNQ Gabala 6.70 306 S Pn 20 45 05.7 +2.9

QBL QBL 6.75 311 P Sn 20 43 54.1 +5.1

QSAR Qusar 6.82 297 S Sn 20 45 10.4 +4.8

AGDM Agdam 6.82 297 S Sn 20 43 53.1 +3.1

AGDM Agdam 6.82 297 S Sn 20 45 07.2 -0.1

SEKA Sheki 7.25 305 S Sn 20 45 59.2 +3.3

SEKA Sheki 7.25 305 S Sn 20 45 19.9 +2.0

ORD Ordubad 7.32 286 S Sn 20 44 03.9 +2.8

GANJ Ganj 7.58 299 S Pn 20 45 24.7 -1.4

CAJN Shahbuz 7.75 289 P Pn 20 44 04.2 +1.4

SBZ Zakatala 7.84 307 P Sn 20 45 27.0 -3.4

ZKTA ZKTA 8.35 290 S Sn 20 44 07.3 +1.8

HYE Heyderabad 8.35 290 S Sn 20 45 35.2 -1.9

QZZ Qazax, Azerbai 8.41 300 S Sn 20 45 06.8 -1.1

AB31 Akbulak array 12.51 15 P Pn 20 47 22.8 -4.1

AB31 Akbulak array 12.51 15 P Pn 20 47 22.8 -4.1

AKTO Aktyubinsk 13.05 8 P Sn 20 47 43.7 -3.6

BVA0 Borovoye Arr 19.06 29 P Pn 20 46 33.6 +0.8

BVA0 Borovoye Arr 19.06 29 P Pn 20 46 33.6 +0.8

DJA 31 21:01:55.9, 0.4, 10.54S x 12.0E, h25km, 5km, M4, 1/12, mb4.5/1, ML3.9/12

ISC 31 21:01:55.8, 0.9, 9.80S; 0.07x119.87E; 0.04, h35km, n22, 0.1933/24, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Lists stations in the Sumba region.

WBSI Waikabubak, Su 0.50 288 Op Pn 21 02 08.5 +0.3

WBSI Waikabubak, Su 0.50 288 Op Pn 21 02 15.2 +1.3

BASI Baing, Sumba 0.81 121 P Sn 21 02 11.8 +1.0

BASI Baing, Sumba 0.81 121 P Sn 21 02 24.6 +3.0

EDFI Ende, Flores 2.08 60 P Pn 21 02 27.4 -0.9

PLAI Plampang 2.28 285 P Sn 21 02 31.1 +0.1

PLAI Plampang 2.28 285 P Sn 21 02 31.5 +0.5

MMRI Maumere 2.61 64 P Pn 21 02 36.7 +1.2

TWSI Taliwang, Sumb 3.13 289 P Pn 21 02 43.6 +0.9

BSSI Bau Bau, Buton 3.69 10 P Pn 21 02 50.1 -0.2

BATI Baunata 3.76 96 P Pn 21 02 55.2 +1.2

EKSI Bulukumba 4.46 3 P Pn 21 03 13.4 +0.4

KAPI Kappang 4.75 359 P Pn 21 03 05.9 +0.8

SRBI Singaraja 4.91 290 P Pn 21 03 08.3 +1.2

BBSI Bau Bau, Buton 5.05 32 P Pn 21 03 10.0 +0.9

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

WRA Warramunga Arr 43.87 275 P Pn 19 52 53.7 -1.1

Principal axes: T 0.9940, Plg12.0000°, Azm14.0000°; N -0.1300, Plg77.0000°, Azm166.0000°; P -0.8640, Plg6.0000°, Azm283.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function ISC 31.21:14:25.7:0.3,20.145:0.06:67.25E:0.06,h10km,n205, r162/179,mb4.8/79,MS4.6/62,8C-14D,Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth (A), Zenith (Z), Phase ID, Time (h:m:s), Residual (Res), and ISC. Lists station data for various stations including Rodrigues Isla, Riviere de l'E, Diego Garcia H, etc.

Table with columns: Station Name, Azimuth (A), Zenith (Z), Phase ID, Time (h:m:s), Residual (Res), and ISC. Lists station data for stations like KSH, GYA, GOMU, WRA, WNB, WRAB, SAU, GURU, KK31, etc.

Table with columns: Station Name, Azimuth (A), Zenith (Z), Phase ID, Time (h:m:s), Residual (Res), and ISC. Lists station data for stations like KIV, MK31, MKAR, BORA, LYN, LUO, ABKAR, QSPA, QSPA, QSPA, etc.

31d 22h

Table of station data including codes, station names, coordinates, and times. Includes stations like VYHS, KSRS, SOKA, RONA, ARSA, CONA, NACGM, MORC, KRUC, VRAC, ABTA, BIOA, KRLC, GERS, KRVT, WTWA, WATA, KLMR, KHC, MOTA, META, FETA, DAVA, CLL, RZT, MDT, MJAR, PMSA, ESCD, HNR, KLR, NRK, DZM, ARCES, PPT2, PPT2, TAOE, PDAR, TXAR, TXAR.

Table of station data for BUL 31 21:26:49.4, 0.8, 21 20S, 337.4E, h10km, MD3.5, Mozambique. Includes stations like MOPA, MUSN, MUSA, BLWY, SAJU.

SSNC 31 21:27:46.3, 1.1, 19.52N, 70.41W, h20km, 138km, MD2.3, M4.5, MW3.2

OSPL 31 21:27:51.2, 4.0, 19.65N, 70.94W, h12km, 20km, MD2.9

Table of station data for OSPL 31 21:27:50.2, 1.1, 19.54N, 0.05, 70.93W, 0.04, h10km, n9. Includes stations like SC01, LOPP1, SDDR, MA2, SEY, YAK, ULN, SONM, LODA1, LONA1, GRTK.

2016 JUL

Main table of station data for Grand Turk, Masc, and various locations. Includes stations like GRTK, MASC, MAS, MAS, DJA 31 21:41:53.0, 5.0, 13.3, 12.3, h12km, 4km, M3.8/12, LUIW, KMSI, MRSI, APPI, LBMI, TTSI, NLAI, SPSI, DDMP, PATS, COEN, KNR, WRB0, WR0, WRAB, WB2, WRA, FITZ, AS31, ASAR, ASAR, STKA, BCAR, NVAR, FINES, UCR 31 22:01:07.3, 1.1, 8.44N, 83.40W, h19km, 18km, MW3.1, SRBA, PEZE, CDM, RIMA, LCR2, JACO, JATS, HZTE, PAC1, CUSE, OTAV, UCR 31 22:05:07.3, 0.8, 8.32N, 83.28W, h15km, 48km, MW3.4, BRU2, SRBA, PEZE, RIMA, LCR2, JACO, JATS, HZTE, PAC1, CUSE, OTAV.

Table of station data for UCR 31 22:05:07.3, 0.8, 8.32N, 83.28W, h15km, 48km, MW3.4. Includes stations like BRU2, SRBA, PEZE, RIMA, LCR2, JACO, JATS, HZTE, PAC1, CUSE, OTAV.

MOS 31 22:31:24.2, 1.0, 42.46N, 143.32E, h115km, mb4.3/4, Error ellipse: s-maj=14.8km, s-min=10.6km, az=75.4

NEIC 31 22:31:25.2, 1.0, 42.63N, 0.04, 143.3E-0.1, h97km, 6km, mb4.3/18, Error ellipse: s-maj=12.5km, s-min=4.3km, az=103.0

NIED 31 22:31:26.8, 42.59N, 143.30E, h95km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale: 10^15N, Mw=0.41, Mw=0.66, Mw=0.25, Mw=0.64, Mw=0.05, Mw=0.64, Fault plane solution: Mw1.0700x10^15 NP1

1738

Table of station data for various locations including Ashorobot, Furan, Iburiatsuma, Akkeshi, Kamakawa, Kurohishimayama, Eniwo, Maruseppu, Abashiri-Toko, Ishikarishitsu, Hokuryu, Nemuro-Hokkai, Misakicho, Yuzh-Kuril'sk, and others. Includes station codes like JCH, JTHR, JJB, JNBK, JEM, JER, JAK, JKB, JKR, JKN, JNK, JNW, JOW, JPR, JTK, JTR, JTS, JUA, JVB, JWC, JXD, JYB, JZE, JAA, JAB, JAC, JAD, JAE, JAF, JAG, JAH, JAI, JAJ, JAK, JAL, JAM, JAN, JAO, JAP, JAQ, JAR, JAS, JAT, JAU, JAV, JAW, JAX, JAY, JAZ.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H11N1 WAKE ISLAND HY 30.20 132, H11N3 WAKE ISLAND HY 30.21 132, H11S1 WAKE ISLAND HY 30.18 133, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H11S2 WAKE ISLAND HY 29.18 6 T, H11S3 WAKE ISLAND HY 29.18 6 T, H11S1 WAKE ISLAND HY 29.19 6 T, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H11S2 WAKE ISLAND HY 29.18 6 T, H11S3 WAKE ISLAND HY 29.18 6 T, H11S1 WAKE ISLAND HY 29.19 6 T, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H11S2 WAKE ISLAND HY 29.18 6 T, H11S3 WAKE ISLAND HY 29.18 6 T, H11S1 WAKE ISLAND HY 29.19 6 T, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like N11C 31 23:40:04, 8.065x117.96E, h40km, mb5.9, N11C 31 23:40:05, 8.295x117.91E, h18km, Moment Tensor, etc.

31d 23h

Table with columns for station name, frequency, power, and coordinates. Includes stations like Ternei, Tara Tarawa, Pyz Ulan, etc.

2016 JUL

Table with columns for station name, frequency, power, and coordinates. Includes stations like GRNR, BFZ, URZ, RER, etc.

1742

Table with columns for station name, frequency, power, and coordinates. Includes stations like JMDO, BTLS, DZA, etc.

1743

Table with columns: YAK, comp=, IAMS_20, IAMS_20, 00 27 32.8, MAK, MAK. Includes rows for GHWR Ruwais, GHWR Qarnain Island, JRIN Sila, etc.

2016 JUL

Table with columns: MAK, MAK, eSSS, SSS, 00 11 04.4, PRGR, Permogore, 88.85 333, eP, P, P, 23 52 52.7, +0.5, 23 52 53.0, -1.2, 23 53 37.8. Includes rows for KIWB Kanaga Island, ADK Adak, ADK Adak, etc.

31d 23h

Table with columns: PRGR, Permogore, 88.85 333, eP, P, P, 23 52 52.7, +0.5, 23 52 53.0, -1.2, 23 53 37.8. Includes rows for ANN Anapa, ANN Anapa, ANN Anapa, etc.

31d 23h

Table with columns for station name, frequency, and signal strength. Includes stations like MOTA, RETA, DAVA, etc.

2016 JUL

Table with columns for station name, frequency, and signal strength. Includes stations like MOTA, RETA, DAVA, etc.

1744

Table with columns for station name, frequency, and signal strength. Includes stations like Q20A, PV13, W18A, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details for stations 1745-336.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details for stations 337-666.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details for stations 667-996.

Technical notes and coordinates for stations 337-666, including IDs like ID3, ID4, ID5, ID6, ID7, ID8, ID9, ID10, ID11, ID12, ID13, ID14, ID15, ID16, ID17, ID18, ID19, ID20, ID21, ID22, ID23, ID24, ID25, ID26, ID27, ID28, ID29, ID30, ID31, ID32, ID33, ID34, ID35, ID36, ID37, ID38, ID39, ID40, ID41, ID42, ID43, ID44, ID45, ID46, ID47, ID48, ID49, ID50, ID51, ID52, ID53, ID54, ID55, ID56, ID57, ID58, ID59, ID60, ID61, ID62, ID63, ID64, ID65, ID66, ID67, ID68, ID69, ID70, ID71, ID72, ID73, ID74, ID75, ID76, ID77, ID78, ID79, ID80, ID81, ID82, ID83, ID84, ID85, ID86, ID87, ID88, ID89, ID90, ID91, ID92, ID93, ID94, ID95, ID96, ID97, ID98, ID99, ID100.

31d 23h

Table of station data for 31d 23h. Columns include station ID (e.g., BLJI, MA2, MA2), frequency, power, and signal quality (e.g., 00 04 27.9 +1.0).

2016 JUL

Table of station data for 2016 JUL. Columns include station ID (e.g., MAK2, P18K, N18K), frequency, power, and signal quality (e.g., 00 06 40.1 +0.6).

1746

Table of station data for 1746. Columns include station ID (e.g., RND, WAT1, MCK), frequency, power, and signal quality (e.g., 00 07 07.8 0.0).

Table with columns: Station Name, Frequency, Mode, Power, Status, Time, etc. Includes stations like SNH Sunshine Point, WAX Waxell Ridge, MCARA McCarthy VSAT, etc.

Table with columns: Station Name, Frequency, Mode, Power, Status, Time, etc. Includes stations like ARU Arti, HRA Herat, GYA0B ALIBECK ARRAY, etc.

Table with columns: Station Name, Frequency, Mode, Power, Status, Time, etc. Includes stations like DUG Dugway, FAUS Fauske, FINES FINESS Array B, etc.

DJA 31:23:57:52.9:0.7,8'S:4:11'E:1E, h14km±7km, M3.6/10, mb3.6/1, MLV3.7/10, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PLA1 Plampang, TWSI Taliwang, etc.

ISC Computed Locations for July 2016

