

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

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IDC 01 00:11:00.75,9,36:71N:71.80E,h107km,53km,mb3.4/6, mbmp3.9/10,MS2.9/2, Error ellipse: s-maj=41.7km s-min=26.6km az=35.0

NEIC 01 00:11:04.0,1.2,37.09N:0.05:71.37E:0.08,h113km,6km, mb4.2/6, Error ellipse: s-maj=9.1km s-min=7.3km az=90.0

NNC 01 00:11:06.4,5.6,37.30N:70.97E,h136km,89km,mb3.5, mpv4.3, Error ellipse: s-maj=46.8km s-min=30.7km az=20.0

ISC 01 00:11:02.4,0.8,37.06N:0.05:71.38E:0.05,h111km,8km, n64,az20/70,mb4.1/9,3C-5D,Afghanistan-Tajikistan

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC, and various station data entries like MANEM, GAR, CHGR, etc.

comp=2.0,3nm,0.5s,baz=96,slow=7.8,SNR=3.9 comp=2.0,3nm,0.5s

TORD Torodi Ar. Bea 66.04 269 P P 00 21 38.1 +0.5 comp=2.0,2nm,0.5s,baz=96,slow=6.1,SNR=4.6

ASAR Alice Springs 84.32 125 P P 00 23 18.2 -3.9 comp=2.0,4nm,0.7s,baz=321,slow=6.0,SNR=3.5

IDC 01 00:30:03.2,7.0,25.83S:179.51E,h519km,69km,mb3.1/4, mbmp4.1/5, Error ellipse: s-maj=49.1km s-min=30.4km az=61.0

ISC 01 00:30:00.1,5.1,25.85S:179.79E:0.2,h503km,n10, o569/8,mb3.7/4,South of Fiji Islands

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC, and various station data entries like DZM, STKA, ASAR, WRA, GSPA, NOA, HFS, AKASG, BRTR, EKA, etc.

CAHL Cahill 4.66 40 Pn 01 18 46.8 +2.2 O14K Tiguykaiuiv M 4.66 358 Pn 01 18 46.3 +1.8

ANCK Angle Creek 4.70 38 Pn 01 18 47.5 +2.4 P16K Nushagak River 4.72 19 Pn 01 18 47.3 +2.0

ACHA Angle Creek He 4.77 38 Pn 01 18 47.8 +1.7 K6BU Katmai Buttes 4.83 38 Pn 01 18 49.3 +2.4

HAKB Old Harbor 5.03 56 Pn 01 18 50.1 +0.8 OHAK 01 20 17.4

OHAK comp=E,18nm,1.3s IAML 01 20 19.0

P17K Kvichak River 5.21 26 Pn 01 18 54.9 +2.8 O16K Kokwok River B 5.23 16 Pn 01 18 54.3 +1.9

O16K comp=E,1.2nm,1.0s IAML 01 20 43.5 N14K Kuskokwaw Cree 5.35 356 Pn 01 18 55.3 +1.4

N14K comp=E,3.1nm,0.7s IAML 01 19 57.5 O17K Koliganek Brs 5.58 20 Pn 01 18 59.3 +2.2

N15K Kwethluk River 5.59 4 Pn 01 18 58.6 +1.3 KDAK Kodiak Island 5.64 52 Pn 01 18 58.4 +0.4

KDAK comp=E,0.4nm,0.3s,baz=228,slow=1.6,SNR=1.2 Sn 01 19 59.5 -2.1 comp=0.5nm,0.3s,baz=323,slow=1.8,SNR=1.5

KDAK Kodiak Island 5.64 52 Pn 01 18 58.5 +0.6 KDAK Saint Paul Isl 5.84 300 Pn 01 19 02.8 +2.1

Q19K Cape Douglas, 5.90 40 Pn 01 19 03.0 +1.5 M13K Dal Lake 5.97 348 Pn 01 19 04.0 +1.6

M13K Timber Creek 6.52 9 Pn 01 19 05.1 +2.2 M15K Kasigluk River 6.11 11 Pn 01 19 05.6 +1.2

O18K Kothuk Hills 6.11 28 Pn 01 19 07.3 +2.9 M14K Bethel 6.19 355 Pn 01 19 06.7 +1.3

N17K Nushagak Hills 6.27 17 Pn 01 19 08.2 +1.6 M11K Mekoryuk 6.45 336 Pn 01 19 10.0 +1.0

M16K Timber Creek 6.52 9 Pn 01 19 11.6 +1.5 L14K Kuka Creek 6.82 353 Pn 01 19 15.0 +0.9

M17K Holitna River 7.06 14 Pn 01 19 18.9 +1.5 L15K Ungalak Mounta 7.10 358 Pn 01 19 18.8 +0.9

N19K Bonanza Creek 7.11 26 Pn 01 19 20.9 +2.7 M16K Owhay River 7.17 6 Pn 01 19 20.4 +1.6

M18K China River 7.22 43 Pn 01 19 21.6 +1.9 S19K Stony River 7.41 19 Pn 01 19 24.2 +1.9

K13K Kusivuk Mount 7.60 347 Pn 01 19 26.2 +1.4 L17K Donlin 7.67 9 Pn 01 19 27.0 +1.1

K15K Wolf Creek Mou 7.72 358 Pn 01 19 28.0 +1.6 M11K Granit Mounta 7.95 15 Pn 01 19 31.4 +1.8

K17K Iditarod 8.25 8 Pn 01 19 35.3 +1.6 J14K Navaranak Lak 8.28 352 Pn 01 19 35.5 +1.4

P23K Montague Islan 9.09 48 Pn 01 19 46.5 +1.2 GLI Glacier Island 9.69 44 Pn 01 19 53.9 +0.4

FID Port Fidalgo 9.87 46 Pn 01 19 55.5 -0.4 ILAR Kuskokwaw Arr 12.38 29 Pn 01 20 27.7 -2.5

INK comp=E,0.1nm,0.3s,baz=222,slow=1.2,SNR=4.6 Inuvik 18.72 32 Pn 01 21 52.0 -0.1

INK comp=E,0.2nm,0.6s,baz=234,slow=1.6,SNR=6.0 comp=E,2.6nm,0.8s

INK Petropavlovsk- 24.20 284 Pn 01 22 49.3 -0.5 comp=E,1.5nm,0.5s

UML Lao du Bonnet 38.63 69 Pn 01 24 58.3 +1.8 comp=E,3.3nm,0.8s,baz=333,slow=1.0,SNR=3.7

H11N2 WAKE ISLAND Hy 42.54 228 T T 02 10 34.2 comp=E,3.3nm,0.8s

H11N3 WAKE ISLAND Hy 42.54 228 T T 02 10 33.8 comp=E,3.3nm,0.8s

H11N1 WAKE ISLAND Hy 42.56 228 T T 02 10 30.9 comp=E,3.3nm,0.8s

KSRS comp=E,1.6nm,1.0s,baz=54,slow=9.6,SNR=4.1 comp=E,1.6nm,1.0s

FINES FINESS Array B 64.16 356 P P 01 28 05.3 -2.0 comp=E,0.4nm,0.4s

NOA NORSAR Array B 64.53 4 Pn 01 28 09.4 -0.4 comp=E,0.3nm,0.6s

BVAR Borovoye Array 64.62 329 P P 01 28 09.8 -0.7 comp=E,0.5nm,0.5s,baz=65,slow=7.0,SNR=3.8

HFS Hagfors 65.53 3 Pn 01 28 15.8 -0.4 comp=E,0.5nm,0.5s

MKAN Makanochi Array 65.74 318 P P 01 28 16.8 -1.0 comp=E,0.3nm,0.5s,baz=52,slow=5.1,SNR=6.4

EKA Eskdalemuir Ar 68.91 13 Pn 01 28 37.9 +0.2 comp=E,0.4nm,0.5s

AKASG Malin Array B 74.72 353 P P 01 29 11.9 -0.7 comp=E,0.4nm,0.3s,baz=12,slow=6.4,SNR=3.5

ESDC Sonseca Array 84.03 18 P P 01 30 03.8 +0.1 comp=E,0.7nm,0.9s

BRTR Keskin Array B 85.21 349 P P 01 30 09.5 -0.2 comp=E,0.2nm,0.6s,baz=42,slow=4.5,SNR=2.0

IDC 01 01:28:11.0,1.1,8.97S:153.26E,h0km,mb4.0/9, mbmp4.0/10,ML2.1/1,MS3.0/6, Error ellipse: s-maj=32.2km s-min=20.2km az=109.0

NEIC 01 01:28:12.7,1.7,9.05S:153.25E:0.1,h10km,1km, mb4.2/8, Error ellipse: s-maj=25.2km s-min=20.6km az=104.0

ISC 01 01:28:12.2,0.8,9.05S:153.3E:0.1,h10km,n28, r135/24,mb4.2/11,MS3.0/3,D'Entrecasteaux Islands

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC, and various station data entries like KRVT, PMG, WBR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, CAST Castle Rocks, G19K Purcell Mounta, etc.

IDC 01 01:31:57.1±0.8, 28.16S; 176.52W, h0km, mb4.1/9, mbmp4.1/9, MS3.4/2, Error ellipse: s-maj=31.4km s-min=17.6km az=140.0

NEIC 01 01:31:58.2±5.2, 28.3S; 0.1x176.3W; 0.1, h10km, 1km, mb4.7/9, Error ellipse: s-maj=27.8km s-min=10.7km az=138.0

ISC 01 01:32:01.0±0.7, 28.45S; 0.09; 176.35W; 0.10, h29km, n42, s162/38, mb4.4/13, Kermadec Islands region

Main table of station data for the Kermadec Islands region, including stations like RAO Raoul Island, RAO Raoul Island, RAU Niue, etc.

IDC 01 01:32:26.6±4.0, 23.07N; 123.95E, h0km, mb3.7/3, mbmp3.6/4, ML3.3/1, MS2.9/5, Error ellipse: s-maj=78.9km s-min=79.0km az=139.0

JMA 01 01:32:43.6±0.2, 25.1N; 123.7E; 0.6, h23km, MV3.0/10, NW OFF ISHIGAKIJIMA IS

ISC 01 01:32:44.0±0.2, 25.1N; 0.1; 123.65E; 0.05, h24km, 20km, n17, s057/19, mb3.5/3, MS2.8/3, Northeast of Taiwan

Table of station data for Northeast of Taiwan, including stations like IRIF Iriomote-Funau, JISG Ishigakijimahi, etc.

Table of station data for ZALV Zalesovo Beam, KURBB Kurchatov Arra, NRK Nori'sk, etc.

IDC 01 01:43:58.2±1.3, 28.88S; 175.92W, h0km, mb4.0/6, mbmp4.1/7, ML3.8/1, MS3.7/12, Error ellipse: s-maj=45.3km s-min=19.5km az=146.0

ISC 01 01:44:03.0±0.9, 28.9S; 0.1x175.9W; 0.1, h38km, n27, s087/15, mb4.1/6, MS3.6/11, Kermadec Islands region

Main table of station data for the Kermadec Islands region, including stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

IDC 01 02:03:49.3±2.1, 1.86N; 128.30E, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=183.5km s-min=20.6km az=62.0

DJA 01 02:04:00.8±0.5, 1.1N; 3.1x12.7E, h32km, 10km, M3.7/12, MLV3.7/12

ISC 01 02:04:00.2±1.1, 1.14N; 0.08; 126.86E; 0.08, h72km, n9, s087/10, mb3.7/4, Northern Molucca Sea

Table of station data for Northern Molucca Sea, including stations like TNTI Ternate, GAMI Galela, Maluku, etc.

TRN 01 02:13:52.8, 17.71N; 61.64W, h26km, MD4.1, 2D, East of Barbuda, Leeward Islands

Table of station data for East of Barbuda, Leeward Islands, including stations like ANWB Willy Bob, ANWB Barbuda, etc.

Table of station data for SLAC San Juan, including stations like SLAC San Juan, SJC San Juan, etc.

DSN 01 02:24:47.2±1.7, 28.25N; 57.73E, h15km, ML4.1/7, Error ellipse: s-maj=22.3km s-min=16.7km az=116.0

MOS 01 02:24:48.9±0.7, 27.97N; 57.63E, h0km, mb4.1/22, mbmp4.1/27, ML3.8/4, MS3.6/39, Error ellipse: s-maj=16.0km s-min=13.2km az=161.0

TEH 01 02:24:49.1±1.3, 27.96N; 57.81E, h92km, 12km, ML4.5, Presumed earthquake

NEIC 01 02:24:51.1±1.3, 27.95N; 0.04; 57.60E; 0.07, h10km, 1km, mb4.4/51, Error ellipse: s-maj=11.4km s-min=5.9km az=68.0

OMAN 01 02:24:52.8±1.3, 27.81N; 57.75E, h155km, 12km, mb4.7/7, ml4.6/19, Error ellipse: s-maj=11.6km s-min=6.6km az=35.0

GFZ 01 02:24:52.3±0.3, 28.2N; 4.5x5.8E, h10km, M4.2/25, mb4.5/25

ISC 01 02:24:50.3±0.6, 27.90N; 0.03; 57.73E; 0.04, h0km, 3km, n339, s1978/333, mb4.3/87, MS3.6/44, 10C-14D, Southern Iran

Main table of station data for Southern Iran, including stations like KHJN Kahnoji, IBND Bandar-abas, KBAM BAM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONGINGO Array, HFS Hagfors, NRK Noril'sk, etc.

Table with columns: ZON, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Coronel Fontan, Leoncito, Cerro Coronel, Valle Fertil, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Maricunga, Pan de Azucar, Sanabin de, etc.

NEIC 01 02:37:02.7-1.8, 31.40S; 0.01-68.6W; 0.2, h130km, 13km, mb4.0/3, Error ellipse: s-maj=19.9km s-min=1.3km az=92.0
SJA 01 02:37:03.0-0.8, 31.39S; 68.54W, h104km, 2km, MLC3.6, MW3.9
ISC 01 02:37:02.0-0.8, 31.37S; 68.55W; 0.03, h113km, 5km, n75, a1976/116, mb4.2/3, 1C, San Juan Province
Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like N15K Kwethluk River, N15K comp=N,108nm,0.7s, N18K Kokthuk Hills, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like MJAR Matsushiro Arr, TXAR Lajitas Array, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, and various codes. Includes stations like TBG Wesley, DWS Wesley, DWS Salisbury, etc.

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Table with columns: Station Name, Frequency, Power, Class, and Date/Time. Includes stations like ARMA 3rdh, ARMA Armidale, RMQ Roma, CAN Canberra, etc.

Table with columns: Station Name, Frequency, Power, Class, and Date/Time. Includes stations like NVAR Mina Array Bea, PAHR Pah Rang Range, IO3D Drain, etc.

Table with columns: Station Name, Frequency, Power, Class, and Date/Time. Includes stations like G19K Purcell Mounta, TPB01 Permian Basin, TROLL Troll, etc.

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Table with columns for station name, coordinates, and various parameters. Includes stations like ONAU, FABU, BLEU, KPL, AKASO, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like GERES, GERES Array B, GERES, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like JIE, JIE, JMN, JMN, JMN, etc.

Technical notes and identifiers including IDC 01, NIED 01, NEIC 01, JMA 01, and JMA 02 with associated coordinates and parameters.

comp=Z,0.2nm,0.5s,baz=311,slow=5.6,SNR=4.0
TORO Torodi Ar, Bea 115.87 309 PKP PKPdf 03 33 44.9 -0.7

comp=Z,1.0nm,1.2s,baz=55,slow=0.6,SNR=6.1
QSPA South Pole Qui 123.50 180 PKP PKPdf 03 33 58.4 -0.4

IDC 01 03:27:00.1+0.5,28.28S;176.49W,h0km,mb4.2/13,
mbtmp4.2/16,ML4.3/3,MS3.7/17,Error ellipse:
s-maj=20.2km s-min=14.4km az=134.0

NEIC 01 03:27:02.4+2.0,28.36S;0.06:176.50W:0.1,h10km,1km,
mb4.8/16,Error ellipse: s-maj=18.5km s-min=6.4km
baz=118.0

ISC 01 03:27:04.4+0.5,28.42S;0.08:176.53W-0.08,h29km,n70,
o140/60,mb4.5/20,MS3.7/14,Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like RAO Raoul Island, RAO Raoul Island, RAO Urewera, etc.

Table with columns: NOA, NORSAR Array B, PKPbc, PKPbc, 03 46 43.0 -0.6. Rows include stations like HFS Hagfors, STRU Stromstad, HOMB Homborsund, etc.

IDC 01 03:30:24.0+1.2,34.42N;81.68E,h0km,mb3.7/4,
mbtmp3.6/6,ML2.9/2,MS4.0/1,Error ellipse: s-maj=42.1km

ISC 01 03:30:25.5+1.2,34.55N;0.2:81.7E:0.2,h10km,n7,0171/6,
Xizang

Table with columns: MKAR, Makanchi Array, 12.30 2 Op Pn, 03 32 20.8 +0.2. Rows include stations like MKAR Kurchatov Arra, BVAR Borovoye Array, etc.

ISK 01 03:43:37.8,34.33N;25.88E,h5km,ML3.9/25
IDC 01 03:43:38.1+0.7,34.38N;25.92E,h0km,mb4.1/21,

NEIC 01 03:43:39.0+1.7,34.20N;0.04:25.80E:0.05,h10km,1km,
mb4.2/37,Error ellipse: s-maj=9.2km s-min=4.3km
baz=224.0

MCSM 01 03:43:38.6+5.5,34.1N;5.2'E,6E, h15km,46km,MB3.9,
mb4.1,MLV4.2,MW(MB)2.8

GFZ 01 03:43:41.4+0.2,34.1N;3.2'E,6E, h10km,M4.1/42,
mb4.2/42

GII 01 03:43:42.3+0.0,34.12N;0.03:26.10E:0.01,h0km,
Mvs4.0,confirmed

AFAD 01 03:43:43.0,34.33N;25.86E,h35km,MW4.2
THE 01 03:43:43.3,35.1N;4.2'E,6E, h0km,4km,MS3.7/12,
MLH3.7/12

ATH 01 03:43:43.2,34.55N;25.86E,h6km,1km,ML3.8/17,
Latitude uncertainty: 5 km; Longitude uncertainty: 3 km

NAO 01 03:43:51.5,35.08N;24.47E,h33km,MB3.4
ISC 01 03:43:38.4+1.1,34.23N;0.04:25.89E:0.03,h5km,6km,
n347,0181/362,mb4.3/37,MS3.7/14,1C-6D,Crete

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like ZKR Zakros, ZKR Zakros, ZKR Zakros, etc.

Table with columns: ANKY, Arkhangelos, 2.69 42 Pn AML, 03 44 23.1 +0.7. Rows include stations like ANKY Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

SOH	comp=Z,14nm,1.0s	6.88 344	P	Pn	03 45 22.8 +2.8
YLV	Sokhos comp=Z,16nm,1.3s	6.90 23	P	Pb	03 45 32.4 -6.4
YLV	Yalova comp=Z,12nm,0.9s	6.90 23	Pn	Pn	03 45 20.4 +0.1
YLV	Yalova comp=Z,0.1nm,comp=Z,14nm,1.0s	6.90 23	Pn	Pn	03 45 20.4 +0.1
YLV	Rodhopi	6.91 358	AML	AML	03 45 22.3 +2.0
RDO	Serrai	7.11 346	P	Pn	03 45 23.7 +0.6
SRS	comp=Z,22nm,1.2s				
CY604	RAF Akrotiri,	7.13 87	Pn	Pn	03 45 23.1 -0.1
KEK	Kerkira	7.33 320	Pn	Pn	03 45 26.5 +0.4
MDUB	Mudurnu	7.52 33	Pn	Pn	03 45 31.1 +2.3
KZIT	Kziot	7.91 112	Pn	Pn	03 45 36.3 +2.3
KZIT	comp=Z,0.3nm,comp=Z,611nm,comp=Z,45nm,0.9s				
KZIT	Kziot	7.91 112	AML	AML	03 45 34.5 +0.4
KZIT	Kziot	7.91 112	P	Pn	03 47 00.6 +3.3
KZIT	Kziot	7.91 112	S	Sn	03 45 36.0 +1.9
SLTI	Sal'it	7.92 102	P	Pn	03 45 33.5 -0.7
SLTI	Mount Meron Ar	8.02 96	Pn	Pn	03 47 00.9 -3.2
MMAI	comp=Z,5.8nm,0.3s,baz=302,slow=11,SNR=10				03 45 35.5 -0.3
MMAI	comp=Z,20nm,0.3s,baz=232,slow=28,SNR=13				03 47 03.4 -3.6
MMAI	comp=Z,3.1nm,0.3s				
AMAZ	Amatzia	8.05 107	AML	AML	03 45 39.6 +3.5
AMAZ	comp=Z,0.3nm,comp=Z,883nm,comp=Z,48nm,1.0s				
AMAZ	Amatzia	8.05 107	P	Pn	03 45 36.2 +0.1
AMAZ	comp=Z,39nm,comp=Z,7.0nm,0.7s				03 47 04.2 -3.3
SALP	Salfit	8.09 103	Pn	Pn	03 45 38.3 +1.7
SALP	comp=Z,0.3nm,comp=Z,50nm,0.7s				
MMLI	Mount Malkishu	8.17 100	P	Pn	03 45 37.4 -0.3
MMLI	comp=Z,50nm,comp=Z,5.4nm,0.9s				03 47 08.2 -2.2
GEM	Giv'at Ha'Em	8.20 94	P	Sn	03 45 38.2 +0.1
GEM	comp=Z,39nm,comp=Z,7.0nm,0.7s				03 47 09.2 -1.9
BR105	Keakin Array S	8.25 46	Pn	Pn	03 45 39.1 +0.2
BR104	Keakin Array S	8.25 46	Pn	Pn	03 45 39.3 +0.3
BR106	Keakin Array S	8.26 46	Pn	Pn	03 45 39.3 +0.2
BR106	Keakin Array B	8.27 46	Pn	Pn	03 45 39.3 +0.2
BR131	Keakin Array S	8.27 46	Pn	Pn	03 45 39.3 +0.3
BRTR	comp=Z,0.1nm,0.3s,baz=218,slow=11,SNR=10				03 47 09.2 -3.9
BRTR	comp=Z,0.1nm,0.3s,baz=212,slow=29,SNR=3.9				
BRTR	Ytir	8.27 108	AML	AML	03 45 41.2 +2.0
YTR	Yitav	8.31 103	AML	AML	03 45 39.8 +0.2
YTR	Yitav	8.31 103	P	Pn	03 47 10.6 -3.3
QRNJ	AI-Qirein	8.32 100	P	Pn	03 45 47.9 +8.2
RMNI	Mount Ramon	8.33 113	P	Pn	03 45 39.7 -0.2
RMNI	comp=Z,1.5nm,0.3s,baz=196,slow=10,SNR=8.2				03 47 11.9 -2.5
UJAP	AI Uja	8.35 103	P	Pn	03 45 42.3 +2.3
UJAP	comp=Z,0.2nm,comp=Z,28nm,0.5s				
UJAP	AI Uja	8.35 103	AML	AML	03 45 39.6 -0.4
UJAP	comp=Z,28nm,0.5s				
ALMO	Almog	8.40 104	P	Pn	03 45 40.3 -0.5
ALMO	comp=Z,1.5nm,0.3s				03 47 12.6 -3.3
MZS	Mizpe Shalem	8.42 106	P	Pn	03 45 41.2 +0.1
MZS	comp=Z,1.5nm,0.3s				03 47 13.9 -2.7
MSBI	Mazada	8.48 107	P	Pn	03 45 45.2 +3.3
MSBI	comp=Z,0.0nm,comp=Z,6.4nm,1.2s				
MSBI	Mazada	8.48 107	P	Pn	03 45 41.6 -0.3
MSBI	comp=Z,1.5nm,0.3s				03 47 15.2 -2.8
MSBI	Mazada	8.48 107	P	Pn	03 45 44.6 +2.7
MSBI	comp=Z,26nm,1.2s				
LISJ	El Lisan	8.61 108	P	Pn	03 45 46.4 +2.8
LISJ	comp=Z,0.1nm,comp=Z,10nm,1.2s				
GHAJ	Ghor Haditha	8.65 107	P	Pn	03 45 44.6 +0.3
GHAJ	Ghor Haditha	8.65 107	P	Pn	03 45 46.5 +2.2
GHAJ	comp=Z,0.3nm,comp=Z,7.49nm,comp=Z,27nm,1.2s				
GHAJ	Ghor Haditha	8.65 107	AML	AML	03 45 44.3 +0.1
GHAJ	Ghor Haditha	8.65 107	P	Pn	03 47 18.9 -3.3
GHAJ	Ghor Haditha	8.65 107	P	Pn	03 45 47.5 +3.2
ZFRI	Zfri	8.66 113	P	Pn	03 45 44.4 0.0
ZFRI	comp=Z,0.1nm,comp=Z,4.76nm,comp=Z,33nm,0.5s				03 45 48.7 +2.2
HRFI	Mount Harif	8.81 116	P	Pn	03 45 46.9 +0.5
HRFI	comp=Z,0.1nm,comp=Z,4.76nm,comp=Z,33nm,0.5s				03 47 23.3 -2.9
HRFI	Mount Harif	8.81 116	P	Pn	03 45 48.0 +1.5
HRFI	comp=Z,0.1nm,comp=Z,4.76nm,comp=Z,33nm,0.5s				
TIP	Tipogrado	8.84 307	Pn	Pn	03 45 45.6 -1.4
TIP	Tipogrado	8.84 307	Pn	Pn	03 45 45.5 -1.4
TIP	Tipogrado	8.84 307	P	Pn	03 45 49.2 +2.3
EIL	Eilat	8.94 118	Pn	Pn	03 45 49.1 +0.9
EIL	comp=Z,3.2nm,0.3s,baz=324,slow=6.8,SNR=24				03 47 26.4 -2.9
EIL	comp=Z,0.6nm,0.3s,baz=281,slow=19,SNR=1.7				03 45 50.2 +2.0
EIL	Eilat	8.94 118	AML	AML	03 45 48.5 +0.3
EIL	comp=Z,0.1nm,comp=Z,21nm,1.0s				03 47 25.6 -3.7
EIL	Eilat	8.94 118	P	Pn	03 45 50.3 +2.0
EIL	comp=Z,22nm,1.0s				03 45 48.3 -1.1
CEL	Celeste	9.02 299	Pn	Pn	03 45 47.8 -1.6
CEL	Celeste	9.02 299	Pn	Pn	03 45 49.5 +0.1
CEL	Celeste	9.02 299	P	Pn	03 45 53.4 +1.0
BNN	Bynjan	9.24 57	Pn	Pn	03 45 54.2 -1.1
ASF	Jabal al Asfar	9.45 100	Pn	Pn	03 47 40.3 -1.6
ASF	comp=Z,0.5nm,0.3s,baz=289,slow=17,SNR=5.7				
ASF	comp=Z,300,slow=20				
ASF	comp=Z,1.1nm,0.3s				
GAZ	Gaziantep	9.66 69	AML	AML	03 45 58.3 +0.1
PDG	Podgorica	9.70 329	Pn	Pn	03 45 57.8 -0.8
RAFF	Raffo Rosso	9.84 291	Pn	Pn	03 46 00.0 -0.5
VAE	Valguarnera	9.87 292	Pn	Pn	03 45 02.0 +1.0
VAE	comp=Z,2.7nm,0.3s,baz=49,slow=5,SNR=2.4				03 47 52.6 +0.5
VAE	comp=Z,0.5nm,0.3s,baz=98,slow=19,SNR=1.1				
VAE	comp=Z,9.6nm,0.6s				
MARCO	Tramutola	10.06 310	P	Pn	03 46 04.4 +0.8
SGRT	San Giovanni R	10.07 316	Pn	Pn	03 46 12.0 -4.1
MLR	Muntele Rosu	11.24 0	Pn	Pn	03 46 24.2 +4.4
MLR	comp=Z,0.1nm,0.3s,baz=130,slow=16,SNR=1.4				03 51 06.4
KELT	Kelkit	12.18 57	P	Pn	03 46 35.7 +3.0
KELT	comp=Z,52nm,1.3s				
INTR	Introdacqua	12.21 313	Pn	Pn	03 46 32.4 -0.7
NE56	Odesa	12.99 15	Pn	Pn	03 46 43.6 0.0
KOPT	Kop Dag	13.00 59	Pn	Pn	03 46 45.2 +1.2
NRCA	Norcia	13.17 314	Pn	Pn	03 46 46.1 0.0
MORH	Miry, Hungary	13.18 337	Pn	Pn	03 46 45.1 -1.1
FDMO	Fiordimonte	13.31 315	Pn	Pn	03 46 47.6 -0.4
BUR08	Bucovina Ar. S	13.41 358	Pn	Pn	03 46 51.3 +1.9
KEST	Kesra	13.65 281	Pn	Pn	03 46 52.9 +0.1
KEST	comp=Z,0.1nm,0.3s,baz=54,slow=14,SNR=3.6				
KEST	comp=Z,2.4nm,1.0s				
KEST	Kesra	13.65 281	AML	AML	03 46 52.2 -0.6
KMPD	K-Podol'skii	14.32 2	P	Pn	03 47 01.6 -0.2
IMPLH	Magyarpolny	14.38 336	P	Pn	03 47 02.4 -0.2
IMPLH	comp=Z,9nm,1.0s				
IMPLH	Magyarpolny	14.38 336	P	Pn	03 47 04.5 +1.9
IMPLH	comp=Z,7.7nm,0.9s				
PSZ	Piszkesteto	14.39 344	Pn	Pn	03 47 04.3 +1.5

SOKA	Soboth	14.91 330	P	P	03 47 16.0 +0.3
KOLS	Kolonice sedl	14.93 351	eP	P	03 47 15.9 0.0
OBKA	Obir	14.98 328	i P	P	03 47 17.4 +0.9
SOB	comp=Z,2.5nm,0.9s				
SOB	Sopron	15.16 335	P	Pn	03 47 17.3 +4.2
SOB	comp=Z,7.7nm,0.7s				
ARSA	Arzberg	15.17 332	Pn	Pn	03 47 14.4 +1.0
ARSA	Arzberg	15.17 332	eP	P	03 47 19.1 +0.5
ARSA	comp=Z,2.3nm,0.8s				
VYHS	Vyhne	15.19 342	eP	P	03 47 22.4 +3.7
RONA	Rosalia, Austr	15.26 335	eP	P	03 47 18.4 +3.9
RONA	comp=Z,3.6nm,0.6s				
MYKA	Terra Mystica	15.48 327	eP	P	03 47 23.0 +1.0
MYKA	comp=Z,1.3nm,0.4s				
TEOL	Teolo	15.56 320	Pn	Pn	03 47 19.2 +0.7
TEOL	comp=Z,6.8nm,0.8s				03 47 39.4
CONA	Contra Observa	15.61 334	i P	P	03 47 25.5 +2.0
CONA	comp=Z,3.7nm,1.2s				
STAL	STALIGIAL	15.64 324	Iamb	Iamb	03 47 20.4 +0.8
STAL	comp=Z,6.7nm,0.8s				03 47 33.0
NIE	Koelnbreinsper	15.73 346	P	Pn	03 47 20.4 -0.2
KBA	Koelnbreinsper	15.95 327	ePn	Pn	03 47 26.1 +2.5
ABTA	Abfaltersbach	16.09 325	ePn	P	03 47 26.8 +1.4
ABTA	comp=Z,3.0nm,0.6s				
MOA	Molin	16.16 331	i P	P	03 47 31.5 +2.0
MOA	comp=Z,3.5nm,1.0s				
MOA	Molin	16.16 331	P	Pn	03 47 31.7 +2.2
KIV	Kislovodsk	16.23 48	Pn	Pn	03 47 28.8 +1.6
KIV	Kislovodsk	16.23 48	P	Pn	03 47 32.0 +1.7
KIV	comp=Z,4.1nm,1.0s				
KVAR	Kislovodsk Arr	16.23 48	Pn	Pn	03 47 28.8 +1.5
KVAR	comp=Z,3.5nm,0.8s,baz=276,slow=10,SNR=2.9				
KBZ	Khabaz	16.24 49	Pn	Pn	03 47 28.7 +1.5
KBZ	comp=Z,0.1nm,0.3s,baz=254,slow=8.7,SNR=11				
KBZ	comp=Z,9.4nm,0.9s				
KBZ	Bad Ischl, Aus	16.29 329	AML	AML	03 47 31.6 +0.6
BIOA	Salr	16.35 319	Iamb	Iamb	03 47 29.6 +1.0
SALO	Salr	16.35 319	P	Pn	03 47 45.8
SALO	comp=Z,24nm,0.8s				
KRUC	Krusovky	16.41 337	ePn	Pn	03 47 21.8 -7.5
KRUC	Moravsky	16.41 337	P	Pn	03 47 28.3 -1.1
LESA	Schwarzleotol	16.51 327	i P	P	03 47 33.3 +2.5
LESA	comp=Z,2.0nm,0.7s				
VRAC	Vranov	16.56 338	Pn	Pn	03 47 29.2 -2.1
VRAC	comp=Z,0.2nm,0.3s,baz=270,slow=2.9,SNR=4.3				03 55 01.0
VRAC	comp=Z,1.2nm,0.5s				
VRAC	Vranov	16.56 338	AML	AML	03 47 25.8 -5.5
VRAC	Vranov	16.56 338	ePn	Pn	03 47 27.8 -3.6
VRAC	comp=Z,1.5nm,0.9s				
KIEV	Kiev	16.63 7	P	Pn	03 47 34.9 +2.8
AKASO	Main Alray Be	16.64 7	Pn	Pn	03 47 30.9 -1.3
AKASO	comp=Z,1.5nm,0.3s,baz=196,slow=10,SNR=8.2				03 54 19.4
AKASO	comp=Z,1.03nm,21.1s,baz=186,slow=39				
AKASO	comp=Z,0.4nm,0.4s				
AKASO	Malin Array Si	16.64 7	AML	AML	03 47 34.0 +1.8
AKBB	AKBB	16.66 7	Iamb	Iamb	03 47 39.3
AKBB	comp=Z,8.6nm,0.8s				
AK03	Malin Array S	16.66 7	P	Pn	03 47 32.2 -0.3
MORC	Moravsky Berou	16.71 341	P	Pn	03 47 34.3 +1.1
MORC	Moravsky Berou	16.71 341	ePn	Pn	03 47 30.2 -3.0
MORC	Moravsky Berou	16.71 341	Pn	Pn	03 47 32.8 -0.5
MORC	comp=Z,6.0nm,1.7s				
WTTA	Wattenberg	16.88 325	P	Pn	03 47 37.7 +2.2
WTTA	comp=Z,1.1nm,0.8s				
WTTA	Wattenberg	16.88 325	P	Pn	03 47 37.5 +1.9
WTTA	comp=Z,1.1nm,0.9s				
TREC	Trest	16.91 336	eP	Pn	03 47 36.6 +0.9
TREC	comp=Z,200nm,8.3s				03 55 40.0
CKRC	Cesky Krumlov	16.93 333	eP	Pn	03 47 27.8 -8.2
CKRC	comp=Z,200nm,11.8s				03 55 10.0
WATA	Wata	16.96 325	P	Pn	03 47 38.8 +2.3
WATA	comp=Z,7.9nm,0.7s				
SQTA	Sankt Quirin	17.05 324	i P	P	03 47 40.9 +1.4
SQTA	comp=Z,1.1nm,1.3s				
FUORN	Olenpass-Fuorn	17.13 321	Iamb	Iamb	03 47 39.6 +0.8
FUORN	comp=Z,2.1nm,0.9s				03 47 48.9
FUORN	Olenpass-Fuorn	17.13 321	P	Pn	03 47 41.4 +0.9
FUORN	comp=Z,2.6nm,1.0s				
FETA	Feichten	17.16 323	i Pn	Pn	03 47 41.2 +2.3
FETA	comp=Z,1.6nm,1.				

PSARO	P	1.16	150	P	Pb	05 45 33.2	-1.1
PSARO	AML				Pb	05 45 33.9	-0.8
KTI	Kastanea	1.18	26	P	Pb	05 45 34.4	-0.2
AGEO	Agios Giorgios,	1.18	155	Pg	Pb	05 45 35.4	0.0
SRN	Sarande	1.23	296	Pg	Pb	05 45 35.6	+0.2
SRN	Sarande	1.23	296	P	Pn	05 45 35.6	+0.2
SRN	Sarande	1.23	296	AML	Pn	05 45 36.0	+0.4
TEME	Temeni, Aigial	1.23	154	P	Pg	05 45 35.4	-0.1
AIOA	Agios Ioannis,	1.25	157	P	Pn	05 45 34.4	-1.3
RILOS	Rioulos of Patr	1.28	179	P	Pn	05 45 35.6	+0.3
RLS	Rioulos of Patr	1.28	179	P	Pn	05 45 35.9	-0.3
KEK	Kerkira	1.31	287	P	Pn	05 45 35.5	-1.1
KEK	Kerkira	1.31	287	P	Pn	05 45 35.0	-1.6
KEK	Kerkira	1.31	287	AML	Pn	05 45 36.9	+0.3
VLS	Valsamata	1.32	210	P	Pn	05 45 36.0	-0.9
VLS	Valsamata	1.32	210	P	Pn	05 45 35.7	-1.2
YOR	Xorichti	1.37	88	AML	Pn	05 45 36.7	-0.6
XOR	Xorichti	1.37	88	P	Pn	05 45 37.0	-0.3
KBN	Korca	1.37	339	Pg	Pg	05 45 38.0	+2.3
KBN	Korca	1.37	339	Pg	Pg	05 45 37.0	+0.0
KBN	Korca	1.37	339	Pg	Pg	05 45 38.8	+0.4
ARG2	Argostoli	1.38	213	P	Pn	05 45 34.5	-2.9
NEO	Neokhori	1.39	91	P	Pn	05 45 36.8	-0.9
ATAL	Atalanti	1.40	117	P	Pn	05 45 37.0	-0.7
DRO	Drossia	1.40	171	P	Pn	05 45 37.3	-0.5
LKR	Lokris	1.40	119	P	Pn	05 45 37.4	-0.4
KLK	Kalavryta, Ach	1.41	156	P	Pn	05 45 38.5	+0.5
KLK	Kalavryta, Ach	1.41	156	P	Pn	05 45 37.6	-0.4
THI	Thessaloniki	1.75	42	P	Pb	05 45 42.1	-0.4
THE	Thessaloniki	1.75	42	P	Pb	05 46 11.2	+3.1
THE	Thessaloniki	1.75	42	P	Pb	05 45 44.5	+0.2
HORT	Horiatias	1.79	45	P	Pn	05 45 42.7	+0.3
OHR	Ohrid	1.83	345	iPn	Pn	05 45 44.8	+0.1
PAIG	Paliouri	1.83	71	P	Pg	05 45 42.7	-1.0
VLO	Vlora	1.87	308	Pn	Pg	05 45 50.7	+2.9
VLO	Vlora	1.87	308	Pn	Pg	05 45 50.3	+2.5
SOH	Sokhos	2.03	47	P	Pb	05 45 47.0	+2.4
KNT	Kendrikon	2.14	31	P	Pg	05 45 50.1	-0.8
VAY	Valandovo	2.16	23	iPn	Pn	05 45 48.6	+0.4
ITM	Ithomi	2.19	170	Pn	Pb	05 45 52.9	+1.0
ITM	Ithomi	2.19	170	Pn	Pb	05 46 23.6	+1.2
ITM	Ithomi	2.19	170	Pn	Pb	05 45 50.2	+1.5
SRS	Serrai	2.43	42	ePn	Pn	05 45 52.3	+0.5
SRS	Serrai	2.43	42	ePn	Pn	05 45 51.5	-0.4
PHP	Peshkopia	2.46	342	Pn	Pn	05 45 51.5	-0.4
PHP	Peshkopia	2.46	342	Pn	Sg	05 45 54.2	+1.9
PHP	Peshkopia	2.46	342	Pn	Sg	05 46 29.8	-1.2
PHP	Peshkopia	2.46	342	Pn	Sg	05 46 38.0	
PHP	Peshkopia	2.46	342	P	Pn	05 45 54.3	+1.9
KKB	Krupnik	2.81	27	iP	Pn	05 45 57.1	-0.1
MMB	Musomishita	2.83	38	iP	Pn	05 45 58.2	+0.8
SDA	Shkodra	3.08	332	Pn	Pn	05 46 03.4	+2.4
SDA	Shkodra	3.08	332	Pn	Sb	05 46 41.9	-2.8
SDA	Shkodra	3.08	332	AML	Pn	05 46 57.5	
ULC	Ulcinj	3.10	328	iPn	Pn	05 46 02.2	+1.0
ULC	Ulcinj	3.10	328	iPn	Pn	05 46 40.4	+1.9
ULC	Ulcinj	3.10	328	AML	Pn	05 46 40.3	+1.1
BOSS	Bosilegrad	3.25	14	ePn	Pn	05 46 41.1	-1.0
BOSS	Bosilegrad	3.25	14	ePn	Pn	05 46 41.1	-1.0
DRME	Dracevica, Mon	3.31	330	ePn	Pn	05 46 05.7	+1.6
DRME	Dracevica, Mon	3.31	330	iPn	Pn	05 46 05.7	+1.6
DRME	Dracevica, Mon	3.31	330	iPn	Pn	05 46 05.7	+1.6
PVV	Plav	3.44	342	ePn	Pn	05 46 07.2	+1.3
PVV	Plav	3.44	342	ePn	Pn	05 46 49.1	+2.3
RZH	Rozhen	3.45	46	iP	AML	05 46 06.1	0.0
PLNA	Plana	3.48	25	iP	Pn	05 46 07.7	+1.2
BARS	Barje	3.48	5	ePn	Pn	05 46 07.0	+0.6
BARS	Barje	3.48	5	ePn	Pn	05 46 46.8	-1.1
PDG	Podgorica	3.50	333	iP	Pn	05 46 08.4	+1.8
PDG	Podgorica	3.50	333	iP	Pn	05 46 50.1	+2.0
PDG	Podgorica	3.50	333	Pn	Pn	05 46 09.4	+2.9
PDG	Podgorica	3.50	333	Pn	Pn	05 46 49.6	+1.5
PDG	Podgorica	3.50	333	ePn	Pn	05 46 06.2	-0.4
PDG	Podgorica	3.50	333	ePn	Pn	05 46 09.2	+2.6
PDG	Podgorica	3.50	333	ePn	Pn	05 46 49.7	+1.5
PDG	Podgorica	3.50	333	ePn	Pn	05 46 08.4	+1.8
PDG	Podgorica	3.50	333	P	Pn	05 46 09.4	+2.9
PDG	Podgorica	3.50	333	P	Pn	05 46 07.7	+1.1
PDG	Podgorica	3.50	333	iPn	Pn	05 46 50.9	+2.7
BUM	Brajici-Budva	3.53	328	iPn	Pn	05 46 08.2	+1.1
BUM	Brajici-Budva	3.53	328	iPn	Pn	05 46 51.2	+2.2
VTS	Vitoshka	3.55	22	iP	Pn	05 46 07.6	+0.2
VTS	Vitoshka	3.55	22	ePn	Pn	05 46 07.8	+0.4
VTS	Vitoshka	3.55	22	ePn	Pn	05 46 49.0	-0.6
RDO	Rodhopi	3.62	59	Pn	Pn	05 46 07.0	-1.3
RDO	Rodhopi	3.62	59	Pn	Pn	05 46 07.4	-0.9
RDO	Rodhopi	3.62	59	Pn	Pn	05 46 07.7	-0.6
TIP	Timpagrande	3.63	269	iP	Pn	05 46 09.2	+0.7
TIP	Timpagrande	3.63	269	iP	Pn	05 46 52.6	+1.1
TIP	Timpagrande	3.63	269	P	Pn	05 46 08.6	+0.1
TIP	Timpagrande	3.63	269	P	Pn	05 46 09.4	+0.9
NOCI	Noci	3.65	295	Pn	Pn	05 46 09.6	+0.9
IVA	Berane	3.71	342	ePn	Pn	05 46 10.9	+1.2
IVA	Berane	3.71	342	ePn	Pn	05 46 55.1	+1.5
IV	Cevo	3.73	330	iPn	Pn	05 46 11.0	+1.2
IV	Cevo	3.73	330	iPn	Pn	05 46 55.7	+1.8
BLSH	Balsha	3.78	21	iP	Pn	05 46 11.5	+0.9
KOME	Kolasin	3.79	338	ePn	Pn	05 46 12.4	+1.6
KOME	Kolasin	3.79	338	ePn	Pn	05 46 58.2	+2.6
KOME	Kolasin	3.79	338	ePn	Pn	05 46 10.2	-0.8
HCY	Herceg Novi	3.82	325	iPn	Pn	05 46 11.7	+0.7
HCY	Herceg Novi	3.82	325	iPn	Pn	05 46 56.5	+0.4
HCY	Herceg Novi	3.82	325	iPn	Pn	05 46 13.1	+1.5
MATE	Matera	3.86	291	iP	Pn	05 46 10.8	-0.9
MATE	Matera	3.86	291	P	Pn	05 46 11.6	0.0
ALN	Alexandroupoli	3.87	65	Pn	Pn	05 46 12.5	+0.6
ALN	Alexandroupoli	3.87	65	Pn	Pn	05 46 56.7	-1.0
SELS	Selva	3.88	357	ePn	Pn	05 46 13.5	+1.3
SELS	Selva	3.88	357	ePn	Pn	05 47 00.3	+2.3
NKME	Niksic	3.90	332	ePn	Pn	05 46 15.0	+1.0
NKME	Niksic	3.90	332	ePn	Pn	05 46 17.0	+2.5
ZAPS	Zavoj	4.03	13	ePn	Pn	05 46 16.7	+2.1
SJES	Sjenica	4.07	345	ePn	Pn	05 46 17.9	+0.4
TREB	Trebinje	4.10	326	ePn	Pn	05 47 04.4	+1.4
TREB	Trebinje	4.10	326	ePn	Pn	05 46 15.4	+0.5
BRY	Bratogost	4.17	329	ePn	Pn	05 46 17.2	+1.2
BRY	Bratogost	4.17	329	ePn	Pn	05 47 07.0	+2.0
BRY	Bratogost	4.17	329	ePn	Pn	05 46 18.7	+1.3
PLE	Piljevitja	4.27	340	ePn	Pn	05 47 09.4	+2.0
PLE	Piljevitja	4.27	340	ePn	Pn	05 46 18.8	+1.2
BOVS	Bovan	4.30	3	iP	Pn	05 46 18.8	+1.2
BOVS	Bovan	4.30	3	iP	Pn	05 47 06.9	-1.0
BOVS	Bovan	4.30	3	iP	Pn	05 46 20.2	+2.4
UPM	Unac-Piva	4.30	335	ePn	Pn	05 46 18.8	+1.0
UPM	Unac-Piva	4.30	335	ePn	Pn	05 47 10.1	+1.8
UPM	Unac-Piva	4.30	335	ePn	Pn	05 46 18.8	+1.0
UPM	Unac-Piva	4.30	335	ePn	Pn	05 46 19.6	+0.8
UPM	Unac-Piva	4.30	335	ePn	Pn	05 47 08.7	-1.3

KLINJ	Klinje	4.38	332	ePn	Pn	05 46 18.9	0.0
MARCO	Tramutola	4.43	284	P	Pn	05 46 22.1	+2.5
CEL	Celeste	4.46	258	P	Pn	05 46 19.7	-0.2
CEL	Celeste	4.46	258	P	Pn	05 46 20.6	+0.7
ZAGS	Zecjar	4.51	7	ePn	Pn	05 46 20.9	+0.4
ZAGS	Zecjar	4.51	7	ePn	Pn	05 46 21.9	+1.3
STON	Ston	4.51	323	ePn	Pn	05 46 20.8	+0.3
STON	Ston	4.51	323	ePn	Pn	05 47 11.4	-1.8
GRUS	Gruza	4.58	354	ePn	Pn	05 46 22.1	+0.7
PLVB	Pljeven	4.70	30	iP	Pn	05 46 25.5	+2.3
BBLs	Lazići	4.77	342	ePn	Pn	05 46 26.3	+2.1
BBLs	Lazići	4.77	342	ePn	Pn	05 46 26.2	+2.1
DIVS	Divibare	4.87	348	ePn	Pn	05 46 26.6	+1.0
DIVS	Divibare	4.87	348	ePn	Pn	05 47 23.4	+1.2
IDI	Anoyia	4.90	145	P	Pn	05 46 29.4	+3.5
IDI	Anoyia	4.90	145	P	Pn	05 47 22.6	-0.1
IDI	Anoyia	4.90	145	P	Pn	05 46 27.2	+1.3
IDI	Anoyia	4.90	145	P	Pn	05 46 27.5	+0.7
SGRT	San Giovanni R	4.96	301	Pn	Pn	05 47 21.0	-3.3
SGRT	San Giovanni R	4.96	301	Pn	Pn	05 47 29.2	
SGRT	San Giovanni R	4.96	301	Pn	Pn	05 46 27.1	+0.3
BALB	Balikesir	5.00	85	Pn	Pn	05 46 26.4	-0.9
TEKS	Tekes	5.39	345	ePn	Pn	05 46 34.2	+1.5
TEKS	Tekes	5.39	345	ePn	Pn	05 47 34.3	+0.6
TEKS	Tekes	5.39	345	ePn	Pn	05 46 34.0	+1.3
MDVR	Moldovita	5.44	2	iP	Pn	05 46 35.1	+1.8
MDVR	Moldovita	5.44	2	iP	Pn	05 46 32.2	-1.2
PAOL	Paolisi	5.52	290	Pn	Pn	05 46 34.2	-0.2
MAINT	Mantua	5.62	96	Pn	Pn	05 46 36.8	+0.7
VRSS	Vrsac	5.78	359	ePn	Pn	05 46 38.1	+0.2
VRS	Valguarnera	5.82	254	Pn	Pn	05 47 46.8	+1.4
FRGS	Fruska Gora	5.94	349	ePn	Pn	05 46 42.2	+2.1
FRGS	Fruska Gora	5.94	349	ePn	Pn	05 46 41.5	+1.4
RAFF	Raffo Rosso	5.95	251	Pn	Pn	05 46 39.5	-0.9
GRZ	Gura Zlata	6.13	9	iP	Pn	05 46 44.7	+1.9
BLV	Banja Luka	6.26	331	iP	Pn	05 46 45.6	+1.1
BLV	Banja Luka	6.26	331	iP	Pn	05 46 43.9	-0.6
BLV	Banja Luka	6.26	331	ePn	Pn	05 46 44.4	-0.1
BLV	Banja Luka	6.26	331	ePn	Pn	05 46 46.3	+1.7
BZS	Buzias	6.27	1	iP	Pn	05 46 45.9	+1.2
INTR	Introdacqua	6.31	297	Pn	Pn	05 46 46.0	+0.7
ARR	Arges	6.47	20	iP	Pn	05 46 49.1	+1.6
ARR	Arges	6.47	20	iP	Pn	05 46 47.7	+0.2
VOIR	Voiron	6.6					

*mbtmp3.7,8,MS3.8/1, Error ellipse: s-maj=65.7km
s-min=19.1km az=75.0
MAN 01 06:17:12.0, 8.776N, 126.35E, h33km, MS3.5
ISC 01 06:17:11.6-0.9, 8.74N, 0.03-126.38E, 0.06, h56km, 7km,
n30, e170/37, mb3.6/5, Mindanao*

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
TSSP	Tandag City	0.34	330	Op	06 17 21.7	0.0
TSSP				eS	06 17 28.6	-0.3
BIPH	Bislig	0.56	182	eP	06 17 24.2	+0.4
BIPH				eS	06 17 33.7	+1.0
BUTP	Butuan	0.78	287	eP	06 17 27.0	+0.4
BUTP				eS	06 17 37.9	+0.4
CDOP	Cateel, Davao	0.96	176	eP	06 17 29.5	+0.6
CDOP				eS	06 17 42.2	+0.6
GLSP	General Luna,	1.06	347	iP	06 17 30.8	+0.5
GLSP				eS	06 17 45.1	+1.0
BUKP	Musuan	1.56	237	eP	06 17 38.5	+1.4
BUKP				eS	06 17 54.7	+1.5
DAV	Davao City (W)	1.84	205	eS	06 18 05.3	+2.3
DAV				LR	06 18 25.5	
DAV				LR	06 18 25.5	
MSLP	Maasin	2.04	313	iP	06 17 45.6	+2.1
MSLP				eS	06 18 11.3	+3.5
KCP	Kidapawan	2.14	217	iP	06 17 46.4	+1.4
KCP				eS	06 18 11.8	+1.3
TBP	Tagbilaran	2.66	291	eP	06 17 52.9	+1.0
TBP				eS	06 18 23.9	+0.9
DDMP	Don Marcelino,	2.70	194	iP	06 17 44.0	+2.0
DDMP				eS	06 18 27.4	+3.3
LSIP	Lazi, Siquijor	2.74	278	iP	06 17 53.6	+0.5
LSIP				eS	06 18 22.8	-2.2
PLP	Palo	2.77	330	eP	06 17 54.8	+1.3
PLP				eS	06 18 30.1	+4.2
LLP	Lapu-Lapu	2.85	304	iP	06 18 30.7	+1.1
LLP				eS	06 18 30.7	+1.1
DCPH	Dipolog City	3.00	267	iP	06 17 57.6	+1.1
DCPH				eS	06 18 30.5	-0.8
FITZ	Fitzroy Crossi	26.68	182	P	06 22 45.8	+0.2
FITZ				P	06 22 45.8	+0.2
WRA	Warramunga Arr	29.56	165	P	06 23 10.3	-0.9
WRA				P	06 23 10.3	-0.9
ASAR	Alice Springs	33.04	167	P	06 23 41.5	-0.3
ASAR				P	06 23 41.5	-0.3
H11S3	WAKE ISLAND Hy 40.27	72	T	T	07 07 49.0	
H11S1	WAKE ISLAND Hy 40.27	72	T	T	07 07 51.4	
H11S2	WAKE ISLAND Hy 40.27	72	T	T	07 07 43.8	
H11N1	WAKE ISLAND Hy 40.65	70	T	T	07 08 27.3	
H11N2	WAKE ISLAND Hy 40.66	70	T	T	07 08 30.2	
H11N3	WAKE ISLAND Hy 40.67	70	T	T	07 08 26.6	
MKAR	Makanchi Array	53.30	323	P	06 26 23.7	-1.2
MKAR				P	06 26 23.7	-1.2
KURBB	Kurchatov Arra	57.38	326	P	06 26 52.8	-1.4
KURBB				P	06 26 52.8	-1.4
ILAR	Eielson Array	80.76	26	P	06 29 18.4	-0.4
ILAR				P	06 29 18.4	-0.4
FINES	FINESS Array B	87.28	332	P	06 29 50.3	-1.7
FINES				P	06 29 50.3	-1.7
VNDA	Vanda	88.41	173	P	06 29 57.5	+0.5
VNDA				P	06 29 57.5	+0.5
MBAR	Mbarara	95.66	270	LR	07 11 16.5	
MBAR				LR	07 11 16.5	

*ISC 01 06:31:39.3-0.6, 35.46N, 69.87E, h0km, mb4.0/22,
mbtmp4.1/27, ML3.6/5, MS3.6/21, Error ellipse:
s-maj=14.2km s-min=12.4km az=3.0
MOS 01 06:31:39.6-1.2, 35.50N, 69.78E, h18km, mb4.4/21, Error
ellipse: s-maj=7.3km s-min=3.6km az=74.3
NEIC 01 06:31:40.4-1.9, 35.35N, 0.06-69.60E, 0.06, h10km, 1km,
mb4.5/17, Error ellipse: s-maj=10.2km s-min=7.4km
az=338.0*

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
KBL	Kabul	0.99	207	Op	06 31 58.1	+1.4
KBL				Pg	06 31 58.1	+1.4
SHAA	Shahrutis	2.44	331	Pn	06 32 20.5	0.0
MANEM	Manem	2.70	38	Pn	06 32 24.4	+0.0
CHGR	Chuyangaron	3.25	354	eP	06 32 31.5	0.0
CHGR				eS	06 32 35.8	+0.0
GARR	Garr	3.62	9	Pn	06 32 37.6	+0.9
DRK	Karamyk	4.42	23	PN	06 32 48.4	+0.6
DRK				Pn	06 32 48.4	+0.6
BTK	Batken	4.73	12	PN	06 32 52.7	+0.8
BTK				Pn	06 32 52.6	+0.8
JMU	Jammu	5.08	120	eP	06 33 00.0	+3.3
JMU				eS	06 34 00.5	+4.4
JMU				IAML	06 34 28.6	
JMU				IAML	06 34 29.2	
THN	Thein Dam	5.93	118	eP	06 33 09.2	+0.8
THN				eS	06 34 20.0	+3.7
TSSA	Tissa	6.02	114	eP	06 33 10.0	+0.3
TSSA				eS	06 34 19.9	+1.1
TSSA				IAML	06 34 24.0	
KSH2	Kashi	6.04	50	P	06 33 14.0	+4.0
KSH2				S	06 33 19.9	-6.0
KSH2				Pn	06 34 24.0	+4.7
KSH2				pmx		
KSH2				LR		
KSH2				LR		
KSH2				LR		
KSH2				LR		
HRA	Herat	6.12	262	Pn	06 33 11.2	+0.1
IUG	Iuzhnyy	6.72	3	ePN	06 33 18.2	-1.1
IUG				eS	06 33 18.3	-1.1
CHM	Chimkent	6.89	0	ePN	06 33 20.5	-0.9
CHM				eP	06 33 20.5	-0.9
DZA	Taraz	7.58	10	eP	06 33 29.9	-1.1
BRLS	Borolday	7.60	1	eP	06 33 27.1	+4.2
BRLS				eP	06 33 27.1	+4.2
BRLS	Karatay Array	7.70	5	iP	06 33 32.0	-0.6
BRLS				iS	06 33 03.9	+3.9
KK31	Karatay Array	7.70	5	Pn	06 33 31.1	-1.5
KK31				Pn	06 33 31.1	-1.5
KKAR	Karatay Array	7.70	5	P	06 33 31.0	-1.7
KKAR				P	06 33 31.0	-1.7
UCH	Uchtor	7.80	28	P	06 33 34.0	-0.4
UCH				SNR=9.3		
NRN	Naryn	7.83	38	P	06 33 33.0	-1.7
NRN				Pn	06 33 33.0	-1.7
EKS2	Erkin-Say	7.93	23	P	06 33 35.7	-0.1
EKS2				SNR=7.9		
AAK	Ala-Archa	8.15	26	PN	06 33 38.5	-0.4
AAK				Sn	06 35 09.6	-1.6
AAK				LR	06 37 03.9	
AAK				LR	06 37 03.9	
AAK				AML		
AAK				AML		
AAK				iP		
AAK				iS		

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
AAK	Ala-Archa	8.15	26	iP	06 33 38.3	-0.6
AAK				Pn	06 33 38.1	-0.8
AAK				eP	06 33 42.5	+2.6
KLP	Kaipcha	8.21	116	eP	06 33 41.6	+0.7
KLP				eS	06 33 41.5	-0.2
FRU1	Bishkek	8.35	26	P	06 33 41.4	-0.2
FRU1				Pn	06 33 41.4	-0.2
CHMS	Chumysh	8.56	26	Pn	06 33 43.3	-1.1
ULHL	Ulhalo 1	8.56	35	P	06 33 43.6	-1.1
BOOM	Boomsokoye usch	8.62	33	P	06 33 43.8	-1.5
BOOM				Pn	06 33 43.8	-1.5
USP	Ospenovka	8.71	24	P	06 33 45.5	-0.9
TSM2	Tokma 2	8.82	30	P	06 33 47.1	-1.1
SGDS	Segindyn	8.91	24	eP	06 33 47.6	-1.7
KDJ	Kajisay	8.94	39	Pn	06 33 49.0	-0.8
KDJ				Pn	06 33 49.0	-0.8
TARG	Taragay, Kyrgy	9.00	43	P	06 33 49.0	-1.8
TARG				Pn	06 33 49.0	-1.8
TARG	Kundal	9.33	139	eP	06 33 53.8	-1.2
KUDL				eS	06 35 37.5	-2.5
KUDL				IAML	06 35 52.5	
KUDL				IAML	06 35 53.4	
AYAN	Aya Nagar	9.42	135	eP	06 33 57.2	+0.9
AYAN				eS	06 35 59.9	-2.4
AYAN				IAML	06 35 50.4	
AYAN				IAML	06 35 51.0	
TNSS	Tian-Shan	9.50	35	eP	06 33 55.9	-1.8
TNSS				eP	06 33 56.0	-1.8
WUS	Wushi	9.51	50	Pn	06 33 57.5	-0.1
SONA	Sohna	9.57	136	eS	06 35 41.9	-4.0
SONA				IAML	06 35 46.0	
AAA	Alma-Ata	9.62	34	eP	06 33 57.7	-1.3
AAA				eP	06 33 57.8	-1.3
MDOK	Medeo	9.65	35	Pn	06 33 57.9	-1.5
MDOK				Pn	06 33 57.9	-1.5
PRZ	Przheval'sk	9.83	42	Pn	06 34 00.8	-1.2
PRZ				Pn	06 34 00.8	-1.2
BTLS	Baital	10.19	18	eP	06 34 05.7	-1.0
BTLS				eP	06 34 05.7	-1.0
SATY	Saty	10.24	39	eP	06 34 06.2	-1.3
SATY				Pn	06 34 06.3	-1.3
UZB	Uzymbulak	10.62	41	eP	06 34 11.5	-1.3
UZB				eP	06 34 11.5	-1.3
KPKS	Kokpek	10.67	38	eP	06 34 11.8	-1.6
KPKS				Pn	06 34 11.8	-1.6
PTH	Pithoragarh	10.68	120	eP	06 34 12.6	-1.1
LGTI	Lohaghat	10.71	121	eP	06 34 13.9	-0.2
LGTI				eS	06 36 13.1	-1.0
SHLS	Shalkoke	10.86	42	eP	06 34 17.9	-1.8
SHLS				Pn	06 34 17.1	-1.0
PDGK	Podgornoye	10.99	41	P	06 34 15.0	-2.9
PDGK				Pn	06 34 15.0	-2.9
UDPR	Udaipur	11.38	161	eP	06 34 24.3	+1.2
UDPR				eS	06 36 27.4	-2.9
TDK	Taldyqorghan	11.70	32	eP	06 34 26.2	-1.1
TDK				eP	06 34 26.2	-1.1
MAKZ	Makanchi	14.69	36	P	06 35 06.2	-2.1
MAKZ				Pn	06 35 06.2	-2.1
MK31	Makanchi Array	14.83	36	iP	06 35 07.1	-3.9
MK31				Pn	06 35 07.1	-3.9
MKAR	Makanchi Array	14.83	36	iP	06 35 07.1	-3.9
MKAR				LR	06 41 05.1	
MKAR				AML		
MKAR				AML		
MKAR				pmx		
MKAR				pmx		
MKAR				Pn	06 35 07.0	-3.3
MKAR				Pn	06 35 15.5	-3.9
ABKAR	Abkubal array	15.54	336	Pn	06 35 15.2	-4.3
ABKAR				Pn	06 35 33.1	+1.2
WMQ	Urumqi	16.25	53	eP	06 38 26.2	-3.0
WMQ				S		
WMQ				pmx		
WMQ				LR		
WMQ				LR		
WMQ				LR		
WMQ				LR		
KURBB	Kurchatov Arra	16.52	20	Pn	06 35 26.1	-6.0
KURBB				LR	06 42 25.8	
KURBB				LR	06 42 25.8	
KURBB				AML		
KURBB				AML		
ZBBS	Zaisan	16.57	39	eP	06 35 31.6	-1.1
ZBBS				eP	06 35 31.7	-1.1
KURK	Kurchatov	16.63	20	iP	06 35 33.8	+0.3
KURK				pmx		
AKTO	Aktubinsk	17.20	334	P	06 35 40.2	-0.5
AKTO				S	06 38 44.8	-7.1
AKTO				LR	06 42 56.0	
AKTO						

NRK1	comp=Z,20nm,0.8s,baz=52,slow=7.6,SNR=15	LR	LR	07 31 28.1		
NRK1	comp=Z,236nm,19.1s,baz=50,slow=40					
NRK1	comp=Z,20nm,0.8s					
NRK1	Noril'sk	46.88 333	P	P	07 08 36.8 -0.6	
NRK1	comp=Z,23nm,1.0s	46.88 333	P	P	07 08 36.8 -0.6	
NRK1	Noril'sk	47.39 1	P	P	07 08 39.7 -1.6	
NRK1	Spitsbergen Ar	47.39 1	P	P	07 10 10.8 -0.6	
NRK1	comp=Z,3.5nm,0.6s,baz=31,slow=6.8,SNR=8.1					
NRK1	Spitsbergen Ar	47.39 1	P	P	07 10 10.8 -0.6	
NRK1	comp=Z,0.8nm,0.4s,baz=310,slow=7.1,SNR=2.7					
NRK1	LR				07 31 38.9	
NRK1	comp=Z,68nm,18.3s,baz=347,slow=40					
NRK1	Spitsbergen Ar	47.39 1	P	P	07 08 40.6 -0.8	
NRK1	Changchun	47.47 289	P	P	07 08 41.6 -0.7	
NRK1	comp=Z,3.5nm,0.6s				07 08 52.6 -0.8	
NRK1	comp=Z,30nm,1.1s				07 15 31.9 -2.1	
NRK1	CN2					
NRK1	comp=Z,100nm,4.0s					
NRK1	CN2					
NRK1	comp=Z,100nm,18.0s					
NRK1	CN2					
NRK1	comp=Z,100nm,18.0s					
NRK1	CN2					
NRK1	comp=Z,100nm,19.0s					
NRK1	TXAR	Lajitas Array	47.53 98	P	P	07 08 44.6 +1.5
NRK1	comp=Z,1.8nm,0.9s,baz=301,slow=6.1,SNR=17					
NRK1	TXAR	comp=Z,223nm,20.1s,baz=308,slow=34			07 27 16.4	
NRK1	comp=Z,1.8nm,0.9s					
NRK1	LP1G	La Paz	47.83 109	LR	LR	07 26 30.8
NRK1	comp=Z,73nm,18.2s,baz=341,slow=33					
NRK1	HP1G	48.21 102	pP	pP	07 09 00.2 +0.6	
NRK1	comp=Z,6.2nm,1.5s					
NRK1	DBG	Daneborg	48.55 13	P	P	07 08 50.1 -0.2
NRK1	DBG	comp=Z,1.0nm,0.7s				
NRK1	DBG	Daneborg	48.55 13	P	P	07 08 50.5 +0.3
NRK1	comp=Z,18nm,0.9s					
NRK1	HOPEN	Hopen	49.04 358	eP	P	07 08 53.9 -0.1
NRK1	JMN	Monobe	49.56 273	P	P	07 09 00.4 +1.7
NRK1	JMN	Monobe	49.56 273	P	P	07 08 59.4 +0.8
NRK1	MIAR	Mount Ida	49.57 85	P	P	07 08 58.8 +0.1
NRK1	comp=Z,6.3nm,2.1s					
NRK1	OLIL	Olney	49.78 77	P	P	07 08 59.9 -0.3
NRK1	SCHO	Schefferville	49.96 49	P	P	07 09 01.0 -0.3
NRK1	comp=Z,3.0nm,0.8s					
NRK1	SCHO	comp=Z,216nm,20.4s,baz=322,slow=37			07 30 59.3	
NRK1	comp=Z,3.0nm,0.8s					
NRK1	BUKO	Buck Lake	50.03 65	P	P	07 09 01.8 -0.2
NRK1	BUKO	comp=Z,12nm,1.0s			07 09 03.2	
NRK1	KS19	Wonju Array Si	50.36 281	P	P	07 09 04.6 0.0
NRK1	KS19	comp=Z,12nm,0.8s			07 09 05.4	
NRK1	KSRS	Korea Array	50.36 281	P	P	07 09 04.8 +0.2
NRK1	KSRS	comp=Z,8.7nm,0.6s,baz=45,slow=7.1,SNR=51			07 31 57.9	
NRK1	KSRS	comp=Z,35nm,19.0s,baz=65,slow=38				
NRK1	KSRS	comp=Z,8.7nm,0.6s				
NRK1	KSAR	Wonju Array Be	50.39 281	P	P	07 09 04.5 -0.3
NRK1	KSAR	Wonju Array Be	50.39 281	P	P	07 09 04.5 -0.3
NRK1	TJN	Taejon	51.44 281	P	P	07 09 13.0 +0.3
NRK1	TJN	comp=Z,69nm,0.8s				
NRK1	TJN	Taejon	51.44 281	P	P	07 09 13.0 +0.3
NRK1	H06N1	SOCORRO T-PHASE1	70.114	T	T	07 08 34.2
NRK1	JNU	Nakatsue	51.74 275	LR	LR	07 30 48.1
NRK1	comp=Z,136nm,21.9s,baz=36,slow=36					
NRK1	WVT	Waverly	51.75 80	P	P	07 09 15.2 +0.1
NRK1	WVT	comp=Z,14nm,1.2s				
NRK1	WVT	Waverly	51.75 80	P	P	07 09 15.2 +0.1
NRK1	WVT	comp=Z,14nm,1.1s				
NRK1	WVT	Waverly	51.75 80	P	P	07 09 15.0 -0.1
NRK1	WVT	comp=Z,11nm,0.8s				
NRK1	Q51A	Peebles	52.25 74	P	P	07 09 18.5 -0.3
NRK1	Q51A	comp=Z,14nm,0.9s				
NRK1	XLT	XilinHaoTe	52.44 295	eP	pP	07 09 20.2 +0.0
NRK1	XLT	comp=Z,60nm,0.8s			07 09 33.0 +1.6	
NRK1	XLT	lvigtut	52.69 34	iP	P	07 09 23.1 +1.4
NRK1	IVI	IVI	52.69 34	iP	P	07 09 23.4
NRK1	comp=Z,17nm,0.9s					
NRK1	JM1C	Jan May	53.04 11	LR	LR	07 32 33.7
NRK1	comp=Z,128nm,20.8s,baz=78,slow=37					
NRK1	TLY	Talaya	53.18 309	LR	LR	07 32 41.0
NRK1	TLY	comp=Z,124nm,20.5s,baz=34,slow=37				
NRK1	TLY	Talaya	53.18 309	eP	pP	07 09 25.1 -0.4
NRK1	TLY	comp=Z,18nm,1.0s				
NRK1	TLY	Talaya	53.18 309	P	P	07 09 25.2 -0.4
NRK1	TLY	comp=Z,21nm,1.0s				
NRK1	B1NY	Binghantan	54.05 66	P	P	07 09 31.8 -0.1
NRK1	ULN	Ulanbaatar	54.25 304	eP	pP	07 09 33.2 -0.4
NRK1	ULN	comp=Z,11nm,0.8s				
NRK1	ULN	Ulanbaatar	54.25 304	P	P	07 09 33.0 -0.6
NRK1	ULN	comp=Z,11nm,0.9s				
NRK1	ULN	Ulanbaatar	54.25 304	P	P	07 09 31.2 -2.3
NRK1	ULN	comp=Z,13nm,1.0s				
NRK1	MOY	Mondy	54.37 311	eP	pP	07 09 34.2 -0.1
NRK1	MOY	comp=Z,16nm,1.1s				
NRK1	TKL	Tuckaleehce C	54.40 77	LR	LR	07 32 18.4
NRK1	comp=Z,167nm,19.5s,baz=334,slow=36					
NRK1	SOM	Songlino Array	54.59 304	P	P	07 09 36.0 +0.1
NRK1	comp=Z,12nm,0.8s,baz=48,slow=7.4,SNR=63					
NRK1	SOM1	comp=Z,12nm,0.8s,baz=48,slow=7.4,SNR=63			07 10 38.2 -0.5	
NRK1	SOM1	comp=Z,3.6nm,0.7s,baz=41,slow=1.6,SNR=5.6			07 35 34.3	
NRK1	SOM1	LR				
NRK1	G62A	West of Eustis	54.75 60	P	P	07 09 36.6 -0.4
NRK1	G62A	comp=Z,12nm,0.8s			07 09 37.9	
NRK1	BJ12	Beijing	55.10 292	P	P	07 09 39.7 +0.1
NRK1	BJ12	comp=Z,5.0nm,0.8s				
NRK1	VADS	Vadso	55.31 356	eP	P	07 09 39.2 -1.4
NRK1	VADS	comp=Z,16nm,0.9s			07 09 40.3	
NRK1	TRO	Tromso	56.00 0	eP	P	07 09 45.6 0.0
NRK1	TRO	comp=Z,48nm,1.6s			07 09 46.1	
NRK1	ARA0	ARCESS Array S	56.02 358	eP	P	07 09 45.0 -0.8
NRK1	ARA0	comp=Z,11nm,1.0s				
NRK1	ARCES	ARCESS Array B	56.02 358	P	P	07 09 44.9 -0.9
NRK1	ARCES	comp=Z,6.4nm,0.7s,baz=28,slow=7.4,SNR=21			07 36 18.2	
NRK1	ARCES	comp=Z,48nm,19.1s,baz=345,slow=39				
NRK1	ARCES	comp=Z,6.4nm,0.7s				
NRK1	ARCES	ARCESS Array B	56.02 358	P	P	07 09 45.0 -0.9
NRK1	ARCES	comp=Z,8.0nm,1.0s				
NRK1	ARCES	ARCESS Array B	56.02 358	P	P	07 09 45.0 -0.8
NRK1	ARCES	comp=Z,8.3nm,0.9s				
NRK1	JETT	Jettan, Norway	56.08 360	eP	P	07 09 46.3 +0.1
NRK1	JETT	comp=Z,16nm,0.9s			07 09 47.3	
NRK1	KTK1	Kautokine	56.59 358	IaMb	IaMb	07 09 49.1
NRK1	KTK1	comp=Z,50nm,1.6s				
NRK1	EMMW	East Machias	56.65 58	P	P	07 09 49.4 -0.5
NRK1	EMMW	comp=Z,13nm,0.9s			07 09 50.0 -0.2	
NRK1	KNGR	Kungurtug, Tuv	56.66 312	iP	pP	07 09 50.7 0.0
NRK1	KNGR	comp=Z,26nm,1.0s				
NRK1	BORG	Borgarnes	56.82 20	LR	LR	07 37 08.7
NRK1	comp=Z,73nm,19.2s,baz=338,slow=39					
NRK1	HHC	Hu-ho-hao-te	56.96 295	eP	P	07 09 52.8 -0.2
NRK1	HHC	comp=Z,14nm,0.6s				

HHC	comp=Z,110nm,4.4s				
HHC	comp=Z,130nm,16.0s				
HHC	comp=Z,190nm,19.9s				
LVZ	Lovozero	57.23 353	eP	pP	07 09 53.8 -0.6
LVZ	comp=Z,16nm,1.0s				
LVZ	Lovozero	57.23 353	P	P	07 09 52.4 -2.0
LVZ	comp=Z,46nm,1.5s				
TIA	Tai'an	57.32 288	P	pP	07 09 55.1 -0.4
TIA	comp=Z,14nm,0.9s				
LOF	Lofoten	57.42 3	eP	IaMb	07 09 57.1 +1.4
LOF	comp=Z,9.5nm,0.9s				07 09 57.4
APA	Apatity	57.64 354	eP	P	07 09 53.3 -3.9
APA	comp=Z,7.0nm,1.3s				07 10 52.7 -0.3
APA	comp=Z,219nm,20.5s				
STEI	Steigen	57.67 2	eP	IaMb	07 09 56.6 -0.7
STEI	comp=Z,5.6nm,0.9s				
HNS	HongShan	57.78 290	iP	pP	07 09 58.8 +0.1
HNS	comp=Z,40nm,1.2s				
HNS	comp=Z,190nm,17.5s				
HNS	comp=Z,180nm,22.1s				
JOW	Kunigami	57.91 272	LR	LR	07 34 00.4
JOW	comp=Z,5.1nm,2.1s,baz=62,slow=35				
SGF	Sodankylä	58.09 357	P	P	07 09 59.9 -0.5
SGF	comp=Z,50nm,0.8s				
FAUS	Fauske	58.22 2	eP	IaMb	07 10 01.6 +0.3
FAUS	comp=Z,6.3nm,0.7s				
VAGH	Vaagaholmen	58.82 3	eP	P	07 10 07.8 +2.3
KONS	Konsvik	59.05 3	eP	IaMb	07 10 06.8 +0.2
KONS	comp=Z,11nm,0.9s				
RAUS	Rausandakisa	59.14 3	eP	IaMb	07 10 07.5 -0.2
RAUS	comp=Z,12nm,0.9s				
ZAAO	Zalesovo Array	59.17 321	P	IaMb	07 10 07.5 -0.6
ZAAO	comp=Z,6.6nm,1.0s				
ZALV	Zalesovo Beam	59.17 321	P	LR	07 10 07.5 -0.6
ZALV	comp=Z,4.3nm,0.7s,baz=43,slow=6.7,SNR=17				07 37 55.2
ZALV	comp=Z,460nm,18.8s,baz=43,slow=38				
ZALV	Zalesovo Beam	59.17 321	P	P	07 10 07.6 -0.5
ZALV	Zalesovo Beam	59.17 321	P	P	07 10 07.6 -0.5
NJ2	Nanjing	59.41 283	eP	pP	07 10 09.9 -0.2
NJ2	comp=Z,53nm,0.7s				
MOR8	Mol Rana	59.41 2	IaMb	IaMb	07 10 07.5 -2.1
MOR8	comp=Z,5.9nm,0.7s				
LEIR	Leirfjorden	59.44 3	eP	IaMb	07 10 10.3 +0.6
LEIR	comp=Z,33nm,1.8s				
MSF	Maasselka	59.53 356	P	P	07 10 09.2 -1.2
MSF	comp=Z,20nm,0.8s				
OUL	Oulu	60.47 357	P	P	07 10 16.5 -0.3
OUL	comp=Z,27nm,0.9s				
NSS	Namsos	60.98 4	eP	IaMb	07 10 20.3 0.0
NSS	comp=Z,12nm,0.9s				
DGZ	Jazzator, Alta	61.54 317	iP	pP	07 10 24.3 -0.3
DGZ	comp=Z,7.0nm,0.9s				
CM1G	Matias Romero	62.07 100	LR	LR	07 35 32.3
CM1G	comp=Z,9.1nm,20.9s,baz=319,slow=34				
MOL	Molde	62.71 6	eP	IaMb	07 10 32.2 +0.2
MOL	comp=Z,17nm,1.1s				07 10 33.5
AKN	Aaknes	63.06 7	eP	P	07 10 35.1 +0.7
AKN	comp=Z,29nm,1.0s				
WHN	Wuhan	63.08 285	P	pP	07 10 34.9 0.0
WHN	comp=Z,48nm,0.7s				
DOMB	Dombras	63.33 6	eP	IaMb	07 10 36.1 0.0
DOMB	comp=Z,17nm,1.0s				07 10 36.7
XAN	Xi'an	63.41 292	P	pP	07 10 36.9 -0.3
XAN	comp=Z,29nm,1.0s				
KLMR	Klimovskoe	63.74 349	eP	pP	07 10 37.2 -1.6
KLMR	comp=Z,30nm,1.1s				
SVE	Sverdiolvsk	63.96 336	eP	pP	07 10 40.4 +0.1
SVE	comp=Z,41nm,0.8s				
GT2A	Gaotai	63.99 302	iP	pP	07 10 40.4 -0.7
GT2A	comp=Z,50nm,1.0s				07 10 41.7 -5.4
GT2A	comp=Z,190nm,13.4s				
GT2A	comp=Z,220nm,15.5s				
GT2A	comp=Z,340nm,15.8s				
KURK	Kurchatov	64.02 323	eP	pP	07 10 40.4 -0.4
KURK	comp=Z,20nm,1.3s				
KURK	Kurchatov	64.02 323	P	IaMb	07 10 40.3 -0.5
KURK	comp=Z,10nm,0.8s				07 10 41.5 -0.3
KURK	Kurchatov				

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1d 7h

Table with columns: Name, Comp, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Includes stations like TARG Taragay, Kyrgy, BOOM Boomskey usch, CHMS Chumysh, etc.

Table with columns: Name, Comp, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Includes stations like KSH2 Kashi, PLN Plauen, TNS Taurus Mts, etc.

Table with columns: Name, Comp, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Includes stations like SORM Soroca, MODS Modra-Piesok, ABAB Abaujker, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA 01 07:00:25.9, NEAR TORISHIMA IS, etc.

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

WEL 01 07:10:25.9; 1.6, 35'S; 23°18'0"W; 2.3, h12km, M3.9/11, mb4.5/1, ML3.7/14, ML3.9/11, Mw(MB)3.6/1, Error ellipse: s-maj=40.4km s-min=13.3km az=133.8, confirmed, South of Kermadec Islands

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

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

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

IDC 01 07:33:11.6; 1.2, 34°49'N; 81°79'E, h0km, mb3.6/5, mbmp3.6/8, ML3.1/3, Error ellipse: s-maj=36.6km

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

TRN 01 07:35:16.0, 15°04N-60°78W, h10km, MD3.5, North-east of Martinique, Leeward Islands

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

IDC 01 07:51:29.6; 1.8, 1°72'N; 126°85'E, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=161.9km s-min=21.3km az=66.0

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

GFZ 01 07:56:35.7; 0.2, 0°S; 2°12'3"E, h154km, 2km, M4.4/31, mb4.5/31, Error ellipse: s-maj=4.5km s-min=4.2km az=1.4, confirmed

IDC 01 07:56:36.0; 0.7, 0°03'S; 122°99'E, h159km, 6km, mb3.8/15, mbmp4.3/18, MS2.7/1, Error ellipse: s-maj=19.7km

NEIC 01 07:56:36.3; 1.5, 0°08'S; 0°07', 122°92'E; 0.07, h149km, 7km, mb4.5/28, Error ellipse: s-maj=11.2km s-min=10.0km

DJA 01 07:56:37.4; 0.2, 0°S; 3°12'3"E, h133km, 5km, M4.5/36, mb4.9/7, mb4.8/9, MLV4.7/36, Mw(MB)4.1/7

ISC 01 07:56:36.3; 0.4, 0°17'S; 122°90'E; 0.05, h154km, 4km, h155km, pP, n141, c18/18/157, mb4.4/49, 3C, Minahasa Peninsula, Sulawesi

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

1d 8hsta

Table with columns: ID, Name, Time, Date, Status, and other details. Includes stations like MENT, XAN, XAN, etc.

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Table with columns: Station Name, Time, Date, Status, and other details. Includes stations like BZK, BEL, KMPD, etc.

Table with columns: Station Name, Time, Date, Status, and other details. Includes stations like PLZN, RAZG, TANNENBERGSHA, etc.

1d 9h

Table with columns: ID, Name, Time, Status, and other details. Includes entries like IRANE, CRUIZEIRO DO SU, BIGOT, etc.

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Table with columns: ID, Name, Time, Status, and other details. Includes entries like PAMPLONA, GARCON, PRAC, etc.

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Table with columns: ID, Name, Time, Status, and other details. Includes entries like QRNJ, BNALP, CACAO, etc.

1d 9h

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Table with columns: TSKL, Tuckaleechee C, 88.36 310, Iamb, Iamb, 09 30 26.5, etc. Includes rows for T59A, L61B, MNK, M57A, etc.

Table with columns: TKL, Tuckaleechee C, 88.36 310, Iamb, Iamb, 09 30 26.5, etc. Includes rows for T59A, L61B, MNK, M57A, etc.

Table with columns: S44A, Carbondale, 93.21 310, IAMS_20, IAMS_20, 10 05 53.4, etc. Includes rows for S44A, UNM, KLMMR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ERKS2, MRKS, TRKS, AAK, CHMS, DZS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KPKS, UZB, PDGK, DHRM, UCH, EKS2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK, MRKS, SHAA, BOOM, CHMS, KDJ, etc.

1d 11h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AGMN Agassiz Nation, EYMN Ely, PAOC Oil Creek Stat, etc.

IDC 01 10:32:28.6-5.7, 7.67S:157.28E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=164.2km s-min=41.3km az=113.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr.

IDC 01 10:34:49.2-4.6, 15.17S:173.28W, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=274.0km s-min=26.1km az=148.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, BRTR Keskin Array B.

IDC 01 10:57:12.4-1.3, 9.00S:155.84E, h0km, mb3.9/6, mbtmp3.9/6, MS3.3/6, Error ellipse: s-maj=66.9km s-min=23.8km az=130.0

IDC 01 10:57:17.8-1.2, 9.15S:0.3:155.8E, h0km, n13, o=998/7, mb3.9/6, MS3.3/5, D'Entrecasteaux Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PMG Port Moresby, MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, RPZ Rata Peaks, ASAJ Asahikawa, PETK Petrovskiy, MA2 Magadan, ILAR Eielson Array, MKAR Makanchi Arr.

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Main table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NVAR Mina Array Be, TORD Torodi Arr, NEIC 01, IDC 01, ISC 01, and various other stations.

IDC 01 11:27:60.0-3.8, 9.03S:156.15E, h0km, mb3.7/3, mbtmp3.7/3, MS3.0/4, Error ellipse: s-maj=106.2km s-min=41.5km az=121.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, DZM Mont Dumet, WRA Warramunga Arr, GUMO Guam, ASAR Alice Springs, KSRS Korea Array, MKAR Makanchi Arr.

IDC 01 11:28:27.7-4.3, 30.14N:95.28E, h0km, mb3.6/5, mbtmp3.6/5, ML2.8/1, MS3.4/2, Error ellipse: s-maj=128.4km s-min=67.4km az=124.0

IDC 01 11:28:29.4-6.3, 30.20N:0.6:95.3E, h0km, n8, o=60/6, mb3.6/4, Xizang region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MKAR Makanchi Arr, AAK Ala-Archa, KURBS Kurchtov Arr, ZALV Zalesovo Beam, KIRV Kirov, BRTR Keskin Array B, AKASE Malin Array Be, MDT Midelt.

NEIC 01 11:45:29.1-0.9, 60.10S:0.10:26.0W, h0km, n1km, mb4.5/5, Error ellipse: s-maj=24.3km s-min=14.9km az=110.0

IDC 01 11:45:30.4-1.0, 60.14S:26.75W, h0km, mb4.0/3, mbtmp4.0/4, ML3.9/1, Error ellipse: s-maj=45.3km s-min=27.2km az=75.0

ISC 01 11:45:31.6-0.7, 60.45S:0.1:26.4W, h20km, n28, o=154/25, mb4.5/10, 2C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes station VNA1 Neumayer-Stat.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VNA2 Neumayer-Watz, SNAW Sanaw, SNAA Sanae, SNAU Snaue, GSPA South Pole Qui, TRQA Torquait, LL07 Sierra Bellav, BO02 Hotel Bellav, MT09 Talagante, MT02 Curacav, CO01 Juntas del Tor, AC02 Maricunga, AC02 Crozet Islands, H04S3 Crozet Islands, H04S1 Crozet Islands, PB03 IPOC Station P, PB03 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB02 IPOC Station P, PB16 IPOC Station P, LPAZ La Paz, LPAZ La Paz, BOAV Boa Vista, BOAV Boa Vista, DBIC Dimbokro, TORD Torodi Arr, FINES FINESS Array B, ILAR Eielson Array.

IDC 01 11:45:29.9-1.1, 6.06N:60.77E, h0km, mb3.6/8, mbtmp3.6/8, MS3.6/32, Error ellipse: s-maj=36.7km s-min=23.5km az=25.0

ISC 01 11:45:32.2-1.2, 6.16N:0.3:60.8E, h21km, n43, o=92/29, mb3.5/7, MS3.6/31, Carlsberg Ridge region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDC 01, ISC 01, Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARTA Arta Tunnel, PALK Pallekle, MBAR Mbarara, ASF Asfar, GMI Mount Meron Ar, AAK Ala-Archa, LSZ Lusaka, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KBZ Khabaz, MATP Matopo, BRTR Keskin Array B, BRTR Keskin Array B, AKTO Aktyubinsk, MKAR Makanchi Arr, MKAR Makanchi Arr, LBTB Lobats, KURBS Kurchtov Arr, BOSA Boshof, MLR Muntelesu, ARTI Arti, AKASE Malin Array Be, H04N1 Crozet Islands, H04N2 Crozet Islands, H04N3 Crozet Islands, KIRV Kirov, SUR Sutherland, VRAC Vranov, TLY Talaya, TORD Torodi Arr, DAVOX Davos/Dischmat, FINES FINESS Array B, DBIC Dimbokro, NRIK Noril'sk, NOA NORSAR Array B, ESDC Seneca Array, ARCES ARCESS Array B, KLR Kul'dur, MAW Mawson, SPITS Spitsbergen Ar, WRA Warramunga Arr, ASAR Alice Springs.

I28M	Miner Creek	88.04	22	Iamb	Iamb	12 27 50.4
KDJ	Kajisa	88.06	313	P	P	12 27 49.3 +0.3
ASAI	AK-SAY(Kyrgyz)	88.25	312	P	P	12 27 51.3 +1.2
MDOK	Medeo	88.41	314	eP	P	12 27 51.2 +0.6
TNS5	Tian-Shan	88.45	314	eP	P	12 27 51.8 +0.8
AKA	Alma-Ata	88.52	316	P	P	12 27 53.7 +2.4
KSH2	Kashi	88.53	310	pP	pP	12 27 56.3 +3.3
KSH2		88.53	310	pPmax	pPmax	
BBB	Bella	88.76	37	LR	LR	13 04 10.3
J30M	Hart River	89.04	24	Iamb	Iamb	12 27 55.6
BOOM	Boomskeye usch	89.04	313	P	P	12 27 53.9 +0.2
F28M	Old Crow	89.16	20	Iamb	Iamb	12 27 55.5
NIL	Nilore	89.19	304	P	P	12 27 54.5 +0.2
NIL		89.19	304	P	P	12 27 54.6 +0.2
NIL	Nilore	89.19	304	P	P	12 27 54.6 +0.2
I30M	Mount Dempster	89.29	23	Iamb	Iamb	12 27 56.2
KURBB	Kurchatov Arra	89.35	322	P	P	12 27 53.7 -0.9
G29M	Pine Creek	89.39	21	Iamb	Iamb	12 27 56.9
D27M	Malcolm River	89.47	19	Iamb	Iamb	12 27 57.7
DLBC	Dease Lake	89.62	30	LR	LR	13 00 31.4
YBH	Yreka Blue Hor	89.68	48	LR	LR	13 01 43.5
G30M	taoh Zrail Niji	90.07	21	Iamb	Iamb	12 28 00.2
AAK	Ala-Archa	90.12	313	P	P	12 27 59.8 +1.1
SGDS	Sogindy	90.20	314	eP	P	12 27 59.5 +0.6
H31M	Peel River	90.30	23	Iamb	Iamb	12 28 19.9
F30M	Barrier River	90.48	21	Iamb	Iamb	12 28 03.7
NR1K	Noril'sk	91.29	341	P	P	12 28 03.2
PNTR	Pine Nut	91.46	51	Iamb	Iamb	12 28 09.6
PAHR	Pah Rah Range	91.74	50	P	P	12 28 08.6 +2.3
PAHR		91.74	50	Iamb	Iamb	12 28 08.8
ARK	Arkit	91.79	312	P	P	12 28 06.7 +0.3
NVAR	Mima Array Bea	92.34	52	P	P	12 28 09.9 +1.7
NVAR		92.34	52	LR	LR	13 05 00.1
DSP	Deep Springs	92.42	53	Iamb	Iamb	12 28 11.9 +2.7
DSP		92.42	53	Iamb	Iamb	12 28 12.1
DZA	Taray	92.45	313	eP	P	12 28 10.1 +0.8
PFO	Pinyon Flats 0	93.02	57	LR	LR	13 01 58.8
KK31	Karatay Array	93.08	313	Iamb	Iamb	12 28 13.1
KKAR	Karatay Array	93.08	313	P	P	12 28 11.7 -0.5
TPH	Toponah	93.12	52	Iamb	Iamb	12 28 15.2
IUG	Iuzhnyy	93.27	312	eP	P	12 28 13.7 +0.5
BRLS	Boroldoy	93.28	315	eP	P	12 28 15.1 +1.0
CHM	Chimkent	93.61	312	eP	P	12 28 15.2 +0.6
NEW	Newport	94.78	42	LR	LR	13 04 30.6
ELK	Elko	95.04	50	P	P	12 28 20.6 -1.0
TROI	Troil, Antarti	96.96	188	P	P	12 28 29.1 -0.5
LPGL	La Paz	97.04	67	LR	LR	13 05 39.7
YKA	Yellowknife Arr	97.91	28	P	Pdf	12 28 34.5 +0.8
YKA		97.91	28	LR	LR	13 06 36.1
YKA		97.91	28	P	Pdf	12 28 33.2 -0.5
YKA		97.91	187	LR	LR	13 11 29.4
PDAR	Pinedale Array	99.48	48	LR	LR	13 07 47.9
BOSA	Boshof	119.35	230	PKP	PKP	12 33 48.6 +0.1
AKASG	Malin Array Be	120.05	324	PKP	PKP	12 33 48.5 -0.4
BRTR	Breskin Array	120.71	311	PKP	PKP	12 33 49.3 -1.3
HFS	Hagfors	122.06	339	PKP	PKP	12 33 53.8 -1.6
NOA	NORSAR Array B	122.25	341	PKP	PKP	12 33 51.7 -1.1
BYHS	Byhne	127.03	326	PKP	PKP	12 34 03.7 +0.9
BRG	Bergjesshobel	128.19	330	ePKP	ePKP	12 34 05.8
BRG		128.19	330	PKP	PKP	12 34 06.8
CLL	Collin	128.37	331	PKP	PKP	12 34 05.5 +0.1
LPAZ	La Paz	129.39	120	PKP	PKP	12 34 08.0 -0.5
GERES	GERESS Array B	129.59	328	PKP	PKP	12 34 08.0 0.0
PBRG	Bragantia	144.74	338	PKP	PKP	12 34 33.7 -0.8
ESDC	Sonsec Array	144.93	333	PKP	PKP	12 34 34.6 -1.1
MVO	Moncorvo	144.95	338	ePKP	ePKP	12 34 37.8 0.0
POLD	Lamas de Olo	145.05	339	ePKP	ePKP	12 34 36.4 +0.4
PVRL	Vila Real	145.13	338	ePKP	ePKP	12 34 36.0 +0.5
PTO	Porto	145.54	339	ePKP	ePKP	12 34 38.2 -2.4
BDFB	Brasilia	145.58	336	PKP	PKP	12 34 37.3 -0.4
BDFB		145.58	336	PKP	PKP	12 34 37.8 0.0
PVIS	Visu	145.68	338	ePKP	ePKP	12 34 38.6 -2.4
EDA	Edea	145.70	263	PKP	PKP	12 34 36.9 -0.9
MTE	Manteigas	145.81	337	ePKP	ePKP	12 34 39.7 -2.0
PCBR	Castelo Branco	146.27	337	ePKP	ePKP	12 34 40.1 +0.4
PCAS	Castilho, Conde	146.47	338	ePKP	ePKP	12 34 40.8 +0.2
PMRV	Mary P'to	146.59	336	ePKP	ePKP	12 34 40.9 -0.1
PSARD	Sardao	146.74	337	ePKP	ePKP	12 34 41.3 -0.3
PMTT	Montargil	147.22	337	ePKP	ePKP	12 34 42.9 -0.6
PARRA	Araialoos	147.37	337	ePKP	ePKP	12 34 45.3 +0.8
PAMRA	Mafra	147.72	338	ePKP	ePKP	12 34 40.8 +0.4
PLOUS	Minas do Louisa	148.20	336	ePKP	ePKP	12 34 45.8 -0.4
MESJ	Messajoa	148.28	336	ePKP	ePKP	12 34 46.2 -0.2
PCVE	Castro Verde	148.39	335	ePKP	ePKP	12 34 46.6 -1.6
PVAQ	Vaqueiros	148.45	335	ePKP	ePKP	12 34 46.7 -0.1
TORD	Torodi Arr. Bea	148.55	281	PKP	PKP	12 34 51.1 -0.4
TORD		148.55	281	PKP	PKP	12 34 51.1 -0.4
TORD		148.55	281	PKP	PKP	12 34 59.8 -0.2
TORD		148.55	281	PKP	PKP	12 35 14.3 -0.4

NOU 01 12:15:09.1, 31.92S-175.37W, h98km, MLv5.2/8, Kermadec Islands Region
 WEL 01 12:15:52.0, 6.34 S-17.9W, 1.0, h12km, ML4.5/12, mB5.1/9, ML4.5/20, MLv4.6/12, Mw(mB)4.4/9, Error ellipse: s-maj=13.7km s-min=4.1km az=111.0, confirmed
 IDC 01 12:15:58.6, 8.4, 34.07S-179.19W, h62km, 66km, mb3.4/3, mbtmp3.8/4, ML3.9/1, MS2.3/1, Error ellipse: s-maj=56.7km s-min=32.5km az=53.0
 ISC 01 12:15:52.7, 1.33, 96S-0.06, 178.5W-0.1, h37km, n58, e168/64, mb3.7/3, South of Kermadec Islands

GLKZ	Green Lake	4.71	7	P	Pn	12 17 02.3 +1.2
GLKZ				S	Sn	12 17 54.9 +0.4
GLKZ				AML	AML	
HAZ	Te Kaha	4.83	217	P	Pn	12 17 04.0 +1.3
HAZ				S	Sn	12 17 57.8 +0.5
HAZ				AML	AML	
HUZ	Puketiti	4.86	211	P	Pn	12 17 04.3 +1.1
HUZ				AML	AML	
PUZ				AML	AML	
PUZ				AML	AML	
WUZ	White Island	4.98	223	P	Pn	12 17 06.9 +2.1
RUGZ	Raukumara Rang	5.04	216	S	Sn	12 17 06.9 +1.0
RUGZ				S	Sn	12 18 04.3 +1.5
RUGZ				AML	AML	
RUGZ				AML	AML	
Tauwhareparae		5.07	213	P	Pn	12 17 06.9 +0.8
Tauwhareparae				S	Sn	12 17 05.5 +0.2
Tauwhareparae				AML	AML	
Carnagh Statio		5.23	209	P	Pn	12 17 09.9 +1.7
Carnagh Statio				AML	AML	
Carnagh Statio				AML	AML	
Te Karaka		5.34	212	S	Sn	12 17 12.3 +2.5
Te Karaka				S	Sn	12 18 07.6 -2.4
Te Karaka				S	Sn	12 17 10.7 0.0
Te Karaka				S	Sn	12 18 11.7 0.0
Urewera		5.55	218	P	Pn	12 17 13.3 +0.6
Urewera		5.55	218	P	Pn	12 17 12.7 0.0
Urewera				S	Sn	12 18 15.2 0.0
Urewera				AML	AML	
Rawiri		5.59	215	P	Pn	12 17 14.0 +0.8
Rawiri				S	Sn	12 18 14.9 -1.2
Rawiri				AML	AML	
Manawaha		5.59	223	P	Pn	12 17 14.9 +1.7
Manawaha				AML	AML	
Manawaha				AML	AML	
Manawaha				AML	AML	
Rimuahu		5.60	211	P	Pn	12 17 14.9 +1.5
Rimuahu				S	Sn	12 18 17.4 +0.9
Rimuahu				AML	AML	
Rimuahu				AML	AML	
Tauranga		5.66	227	P	Pn	12 17 16.2 +2.1
Tauranga				AML	AML	
Paritu Road		5.73	209	P	Pn	12 17 16.2 +1.0
Paritu Road				S	Sn	12 18 19.9 +0.1
Paritu Road				AML	AML	
Kaharoa		5.86	225	P	Pn	12 17 19.4 +2.5
Murupara		5.89	219	P	Pn	12 17 17.4 0.0
Murupara				AML	AML	
Murupara				AML	AML	
Kokohu		5.90	210	P	Pn	12 17 17.3 -0.2
Kokohu				AML	AML	
Mahia Peninsula		5.92	208	P	Pn	12 17 17.9 +0.2
Mahia Peninsula				AML	AML	
Republican Roa		5.93	221	P	Pn	12 17 20.9 +3.0
Republican Roa				AML	AML	
Moumakai		6.02	337	P	Pn	12 17 21.3 +2.2
Moumakai				AML	AML	
Arahi		6.08	214	P	Pn	12 17 20.9 +1.0
Arahi				AML	AML	
Arahi				AML	AML	
Plateau Road		6.11	221	P	Pn	12 17 22.7 +2.4
Plateau Road				AML	AML	
Plateau Road				AML	AML	
East Tamaki Re		6.11	239	P	Pn	12 17 24.1 +3.7
Tahuroa Road		6.13	230	P	Pn	12 17 23.1 +2.4
Tahuroa Road				AML	AML	
Waipua		6.14	212	P	Pn	12 17 21.1 +1.4
Waipua				AML	AML	
Waipua				AML	AML	
Waipua Caves		6.17	249	P	Pn	12 17 21.8 +0.7
Waipua Caves				AML	AML	
Allen Road		6.18	220	P	Pn	12 17 22.7 +1.4
Allen Road				AML	AML	
Allen Road				AML	AML	
Matea Rd		6.34	218	P	Pn	12 17 23.7 +0.1
Naumai		6.35	215	P	Pn	12 17 24.8 +1.0
Naumai				AML	AML	
Aroapanui		6.40	213	P	Pn	12 17 24.6 +0.3
Black Stump Fm		6.56	216	P	Pn	12 17 26.2 -0.3
Omahuta		6.61	257	P	Pn	12 17 26.6 -0.6
Omahuta				AML	AML	
Hauti		7.01	228	P	Pn	12 17 34.8 +2.1
Birch Farm		7.89	210	P	Pn	12 17 44.3 -0.5
Birch Farm				P	Pn	12 17 43.5 -1.3
Mangatainoka R		8.17	213	P	Pn	12 17 45.9 -2.6
South Island		9.09	214	P	Pn	12 18 01.5 +0.4
Chatham Island		9.88	172	P	Pn	12 18 17.9 +5.3
Topouse		10.31	218	P	Pn	12 18 14.6 -3.5
Kahutara		10.49	214	P	Pn	12 18 18.5 -1.9
Kahutara		10.49	214	P	Pn	12 18 18.5 -2.0
Greta Valley S		11.15	214	P	Pn	12 18 25.9 -3.6
Lake Taylor		11.36	217	P	Pn	12 18 29.1 -3.5
Timaru		13.19	215	P	Pn	12 18 51.9 -5.3
Allice Springs		42.59	271	P	Pn	12 23 44.6 -0.6
Allice Springs				AML	AML	
Warramunga Arr		43.90	276	P	Pn	12 23 54.5 -1.3
Warramunga Arr				AML	AML	
South Pole Qui		56.16	180	P	P	12 25 30.6 +2.2
South Pole Qui				AML	AML	
Juan Fernandez		78.59	123	T	T	13 06 56.4
Juan Fernandez		78.91	123	T	T	13 06 09.8
Juan Fernandez		78.91	123	T	T	13 06 08.4
Matsushiro Arr		148.28	338	PKP	PKP	12 35 36.6 -0.6

IDC 01 12:32:01.8, 0.9, 26.50N-141.59E, h0km, mb3.8/6, mbtmp3.6/8, ML2.9/2, Error ellipse: s-maj=29.7km s-min=17.9km az=107.0
 NEIC 01 12:32:07.0, 0.7, 26.56N-141.66E, h1km, h39km, 8km, mb4.2/11, Error ellipse: s-maj=15.1km s-min=8.9km az=128.0
 JMA 01 12:32:08.6, 0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSRN Basiran, NHDN Nehbandan, SHME Sham, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 01 16:11:59.7, AFI Afiamalu, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR 1.8nm,0.3s, Pinedale Array, etc.

1d 17h

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Table with columns: Name, RA, Dec, Mag, Type, and other astronomical data. Includes entries like TARA Tarawa, JAMIA UNIVERSI, LDR Lodi Road, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other astronomical data. Includes entries like PET Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other astronomical data. Includes entries like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns for station name, coordinates, elevation, and various status codes (P, I, S, etc.). Includes stations like ABPO Ambohimpnom, ATD Arta Tunnel, B21K Ikipkuk River, etc.

Table with columns for station name, coordinates, elevation, and various status codes. Includes stations like MOS, MOS, MOS, MOS, MOS, etc.

Table with columns for station name, coordinates, elevation, and various status codes. Includes stations like SIM, SIM, SIM, QRNJ, D27M, MMAI, etc.

FINES	FINES Array B	87.57 332	P	P	17 20 56.1	-1.0
FINES	comp=Z,348nm,0.6s,baz=68,slow=6.1,SNR=625					
FINES	SK5Sac	17 30 35.0	-3.0			
FINES	comp=Z,34nm,1.2s,baz=93,slow=14,SNR=2.7					
FINES	S	17 30 55.3	-1.8			
FINES	comp=Z,51nm,1.0s,baz=66,slow=11,SNR=4.0					
FINES	PKKPbc	17 38 44.0	-1.5			
FINES	comp=Z,1.7nm,0.5s,baz=175,slow=3.1,SNR=9.8					
FINES	FINES Array B	87.57 332	P	P	17 20 56.0	-1.2
AKASG	Malin Array Be	87.59 321	P	P	17 20 56.8	-0.7
AKASG	comp=Z,372nm,1.0s,baz=72,slow=4.3,SNR=229					
AKASG	PP	17 24 33.2	+2.0			
AKASG	comp=Z,54nm,1.1s,baz=65,slow=7.7,SNR=5.3					
AKASG	SK5Sac	17 30 36.1	-2.5			
AKASG	comp=Z,8.9nm,1.1s,baz=83,slow=6.0,SNR=4.4					
AKASG	SS	17 30 56.6	-1.1			
AKASG	comp=Z,13nm,0.9s,baz=79,slow=8.8,SNR=5.7					
AKASG	PKKPbc	17 38 42.2	-2.8			
AKASG	comp=Z,1.4nm,0.5s,baz=274,slow=2.7,SNR=4.7					
AKASG	Malin Array Be	87.59 321	i/P	P	17 20 56.2	-1.3
AKASG	comp=Z,446nm,1.0s					
AKASG	Malin Array Be	87.59 321	P	P	17 20 55.5	-2.0
AKKB	Malin Array Si	87.59 321	ceP	P	17 20 56.1	-1.4
AKKB	comp=Z,629nm,1.1s					
AKKB	Malin Array Si	87.59 321	P	P	17 20 55.9	-1.6
KIEV	Kiev	87.61 321	i/P	P	17 20 57.1	-0.5
KIEV	Kiev	87.61 321	i/P	P	17 20 56.3	-1.3
KIEV	SNR=86					
KIEV	Kiev	87.61 321	P	P	17 20 57.0	-0.5
KIEV	Kiev	87.61 321	P	P	17 20 56.0	-1.7
KIEV	Kiev	87.61 321	P	P	17 20 55.9	-1.7
AK16	Malin Array Si	87.67 321	P	P	17 20 56.4	-1.5
VAL3X	Baltx, Baltx	87.75 318	i/P	P	17 20 58.8	+0.5
PURM	Purcari	87.77 316	i/P	P	17 20 58.0	-0.4
PURM	Purcari	87.77 316	i/P	P	17 20 57.7	-0.7
PURM	comp=Z,29umcomp=Z,3um,1.1s					
VSU	Vasula	87.78 329	d/P	P	17 20 57.5	-0.7
VSU	comp=Z,2um,1.6s					
MNK	Minsk	87.82 325	i/P	P	17 20 59.6	+1.1
MNK	i/PP					
MNK	Minsk					
MNK	i/PPP					
MNK	SK5Sac	17 30 40.7	+0.9			
MNK	i/SS	17 37 03.3	+2.9			
MNK	i/SSS	17 40 43.1				
MNK	comp=N,759nm,1.1s					
MNK	comp=Z,2um,0.9s					
MNK	comp=E,404nm,1.1s					
MNK	comp=Z,922nm,17.0s					
MNK	comp=E,961nm,18.0s					
MNK	comp=N,1um,19.0s					
SAHE	Sakarya_HENDEK	87.83 311	MLR	P	17 20 59.4	+0.5
INK	Inuvik	87.87 21	Iamb	Iamb	17 21 01.4	
P29M	Windy Craggy	87.91 30	Iamb	Iamb	17 21 03.4	
G31M	Satah River	87.92 23	P	P	17 20 57.9	-0.8
G31M	comp=Z,300nm,1.1s					
F31M	Tsigehtic	88.00 22	Iamb	Iamb	17 21 01.9	
JETT	Jetan, Norway	88.06 340	eP	P	17 20 58.2	-1.2
JETT	comp=Z,13um,1.1s					
SBA	Scott Base	88.12 172	P	P	17 21 00.5	+1.1
SBA	comp=Z,524nm,1.7s					
SBA	Scott Base	88.12 172	P	P	17 21 00.5	+1.1
SBA	comp=Z,524nm,1.7s					
SBA	Scott Base	88.12 172	P	P	17 21 02.3	+2.9
H31M	Peel River	88.15 24	Iamb	Iamb	17 21 03.0	
LODK	Lodwar	88.39 273	Iamb	Iamb	17 21 05.6	
LODK	comp=Z,757nm,1.1s					
KIS	Kishinev	88.41 317	i/P	P	17 21 01.4	-0.1
KIS	Kishinev	88.41 317	d/i/P	P	17 21 00.0	-1.5
KIS	e/PP					
KIS	e/PPP					
KIS	e/S					
KIS	comp=Z,2um,2.8s					
N31M	Braeburn, Yuko	88.49 28	Iamb	Iamb	17 21 06.5	
TRO	Tromso	88.53 340	eP	P	17 20 59.5	-2.0
TRO	comp=Z,46nm,1.1s					
SORM	Soroca	88.55 318	i/P	P	17 21 01.9	-0.1
SORM	Soroca	88.55 318	P	P	17 21 01.9	-0.1
SORM	Soroca	88.55 318	P	P	17 21 00.7	-1.3
SORM	comp=Z,9umcomp=Z,547nm,1.5s					
PPT2	Papeete2	88.61 108	eP	P	17 21 01.0	-2.0
PPT2	comp=Z,119nm,1.3s					
PPT2	comp=Z,1um,26.0s					
PPT2	comp=Z,5um,26.5s					
PPT2	comp=Z,4um,25.5s					
PPT2	comp=Z,5um,30.2s					
PPT2	comp=Z,2um,24.2s					
PPT2	comp=Z,2um,24.0s					
PAE	Paea	88.62 108	eP	P	17 20 59.1	-3.9
PAE	comp=Z,261nm,1.5s					
SILT	Sile	88.70 311	i/P	P	17 21 03.1	+0.2
JURR	Jurilovca	88.71 315	i/P	P	17 21 02.8	-0.1
TIAR	Tiarei	88.82 108	eP	P	17 21 05.1	+1.1
TVO	Taravao	88.84 108	eP	P	17 21 03.4	-1.2
TSCOT	Constanta Port	88.96 314	i/P	P	17 21 04.8	+0.8
EFOR	EFORIE	88.99 314	i/P	P	17 21 05.5	+1.3
TPGR	Topolog	89.02 315	i/P	P	17 21 04.2	-0.2
TSMN	Mangalia Port-	89.06 314	i/P	P	17 21 05.2	+0.6
MANR	Mangalia	89.07 314	i/P	P	17 21 05.5	+0.9
GIUM	Giurgulesti	89.07 316	i/P	P	17 21 05.7	+1.2
TIRR	Tirgusor	89.09 315	i/P	P	17 21 04.8	+0.1
IASR	Iasi	89.10 316	i/P	P	17 21 04.7	+0.1
VARL	Vardeshti	89.25 316	i/P	P	17 21 05.6	+1.2
NEGR	Negrea	89.29 316	i/P	P	17 21 06.7	+1.1
SCHL	Schela	89.33 316	i/P	P	17 21 06.4	+0.7
SCHL	Schela	89.33 316	i/P	P	17 21 06.8	+1.1
TBR	Topalu	89.33 315	i/P	P	17 21 06.8	+1.0
VASR	Vaslui	89.17 317	i/P	P	17 21 05.7	-0.1
CFR	Caracul	89.17 315	i/P	P	17 21 05.0	-0.1
CFR	Caracul	89.17 315	i/P	P	17 21 04.9	-0.1
GISR	Galati	89.18 316	i/P	P	17 21 04.8	-0.3
SCTR	Scanteiesti	89.19 316	i/P	P	17 21 05.0	-0.1
IASR	Iasi	89.22 317	i/P	P	17 21 05.0	-0.1
VARL	Vardeshti	89.25 316	i/P	P	17 21 05.6	+1.2
NEGR	Negrea	89.29 316	i/P	P	17 21 06.7	+1.1
SCHL	Schela	89.33 316	i/P	P	17 21 06.4	+0.7
SCHL	Schela	89.33 316	i/P	P	17 21 06.8	+1.1
TBR	Topalu	89.33 315	i/P	P	17 21 06.8	+1.0
BIR	Birlad	89.34 316	i/P	P	17 21 05.7	-0.1
BIR	Birlad	89.34 316	i/P	P	17 21 05.7	-0.1
IZVR	Izvoarele	89.36 316	i/P	P	17 21 06.9	+1.0
CYDA	Cernavoda	89.38 314	i/P	P	17 21 06.4	+0.5
NOR	Nord	89.41 355	i/P	P	17 21 05.9	+0.4
NOR	comp=Z,769nm,1.3s					
PSN	Preselentsi	89.42 314	eP	P	17 21 07.0	+0.8
TUDR	Tubuai	89.42 316	eP	P	17 21 06.5	+0.4
TBI	Tubuai	89.51 113	eP	P	17 21 09.5	+2.5
TBI	comp=Z,219nm,1.0s					
TBI	comp=Z,5um,28.0s					
TBI	comp=Z,18um,29.8s					

TBI	comp=Z,15um,27.2s					
TBI	comp=Z,11um,24.8s					
TBI	comp=Z,7um,23.2s					
GHRP	Sopachiv	89.53 322	i/P	P	17 21 07.4	+0.8
RNP9	Ion Corvin	89.55 322	P	P	17 21 06.4	-0.2
ICOR	Cosmeti PH	89.56 314	i/P	P	17 21 06.8	-0.2
YOSR	Darabani	89.63 316	i/P	P	17 21 06.9	-0.4
DRBR	Corbin	89.69 318	i/P	P	17 21 07.9	+0.5
PANC	Panciu	89.74 316	i/P	P	17 21 08.0	+0.4
ODBI	Odobesti	89.82 316	i/P	P	17 21 08.7	+0.7
AMRR	Amara	89.82 315	i/P	P	17 21 08.5	+0.4
AMRR	Amara	89.82 315	i/P	P	17 21 08.4	+0.4
NS2M	Quiet Lake	89.83 28	Iamb	Iamb	17 21 11.6	
PABE	Paberze	89.84 326	P	P	17 21 06.4	-1.5
PMOR	Pomarioree	89.87 105	eP	P	17 21 11.7	+2.9
PMOR	comp=Z,100nm,0.9s					
PMOR	comp=Z,2um,22.6s					
GRER	Tescani	89.94 316	i/P	P	17 21 09.3	+0.7
TESR	Balkesir-Ban	89.96 317	i/P	P	17 21 08.3	-0.4
BAND	Girov	89.98 317	P	P	17 21 08.9	-0.1
GIRB	Pogonea	90.02 315	eP	P	17 21 09.8	+0.9
PGOR	Provania	90.02 313	eP	P	17 21 10.1	+1.1
PRD	Vrincioiaia	90.03 316	i/P	P	17 21 08.8	-0.3
VRI	Vrincioiaia	90.03 316	i/P	P	17 21 08.7	-0.3
VRI	Vrincioiaia	90.03 316	i/P	P	17 21 09.2	+0.2
VRI	comp=Z,16umcomp=Z,1um,1.1s					
SAHR	Sahastru	90.08 316	i/P	P	17 21 09.1	-0.2
PLOR	Plostina	90.08 316	i/P	P	17 21 09.5	+0.2
PLOR	Plostina	90.08 316	i/P	P	17 21 09.5	+0.2
PLOR	Plostina	90.08 316	i/P	P	17 21 08.7	-0.6
PRAR	NEVSHA	90.10 314	eP	P	17 21 10.3	+0.9
NEF	Ciocanesti	90.11 314	P	P	17 21 10.3	+0.9
CICN	Vaihoa	90.15 105	eLR	LR	17 50 47.6	
YAH	Baraj Valea Uz	90.17 317	i/P	P	17 21 09.6	-0.1
ONER	Bicaz	90.21 315	i/P	P	17 21 10.4	+0.6
LEHL	Bicaz	90.25 317	i/P	P	17 21 09.8	-0.3
BIZ	Sheldon Lake	90.27 27	Iamb	Iamb	17 21 13.8	
MMPY	Sheldon Lake	90.27 27	Iamb	Iamb	17 21 13.8	
ISR	Istria	90.29 315	i/P	P	17 21 10.8	+0.5
ISR	Istria	90.29 315	P	P	17 21 10.8	+0.5
ISR	Steigen	90.39 309	eP	P	17 21 07.9	-2.0
STEI	Steigen	90.39 309	eP	P	17 21 10.8	
STEI	comp=Z,7um,1.3s					
STEI	Yerkesia</					

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MDVR, ATH, HFS, THE, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SMOL, JAN, BJU, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BLY, PRU, BRG, etc.

SOKA	comp=Z,69nm,0.9s,SNR=38	i PP	PP	17 25 49.6 +0.4
SOKA	comp=Z,174nm,1.3s,SNR=5.2	eSKS	SKSac	17 31 32.1 -2.1
GORT1	Trebel 97.68 326	ePdiff	P	17 21 45.1 +1.5
KHC KHC	Kasperske Hory 97.76 322	d i P	P	17 21 45.3 +1.1
KHC KHC	Kasperske Hory 97.76 322	e P	Pdf	17 21 43.8 -0.4
KHC KHC	Kasperske Hory 97.76 322	e P	PP	17 25 47.1 -2.7
KHC KHC	Kasperske Hory 97.76 322	e P	I Amb	17 21 42.5 -1.7
MOA	Molin 97.77 320	i Pdiff	Pdf	17 21 43.8 -0.5
MOA	comp=Z,228nm,1.4s,SNR=7.1	i PP	PP	17 25 48.8 -1.1
GEC2	GERESS Array S 97.78 321	ePdiff	P	17 21 45.4 +1.0
GERES	GERESS Array B 97.78 321	e P	Pdf	17 21 43.8 -0.6
GERES	comp=Z,49nm,0.9s,baz=67,slo=3.5,SNR=106	e P	PP	17 25 53.1 +1.2
GERES	comp=Z,32nm,1.0s,baz=77,slo=5.9,SNR=7.5	SP	SP	17 33 54.6 +0.1
GERES	comp=Z,4.0nm,1.1s,baz=64,slo=9.1,SNR=5.0	e P	PKKPbc	17 38 17.5 -1.6
GERES	comp=Z,1.2nm,0.7s,baz=222,slo=3.6,SNR=6.0	e P	PKKPbc	17 21 43.3 -1.1
SESA	Seetaler Alpe 97.83 319	i Pdiff	Pdf	17 21 43.4 -1.4
SESA	comp=Z,286nm,1.3s,SNR=137	e P	PP	17 25 53.2 +2.6
SESA	comp=Z,182nm,1.7s	eSKS	SKSac	17 31 31.9 -3.3
SESA	comp=Z,78nm,1.3s	ePKKP	PKKPbc	17 38 18.7 -0.4
SESA	BSEGG Bad Segeberg 97.85 327	ePdiff	P	17 21 45.7 +1.3
BOJS BOJS	Bojanci 97.90 318	i Pdiff	Pdf	17 21 44.2 -0.7
BOJS BOJS	Bojanci 97.90 318	e P	PP	17 25 55.9 +5.0
BOJS BOJS	Bojanci 97.90 318	eSKS	SKSac	17 28 04.5
FLTG	Flechtingen 97.97 325	ePdiff	P	17 21 45.9 +0.9
TANN	Tannenbergsitha 97.98 323	ePdiff	P	17 21 46.4 +1.2
KMY Karmoy	97.98 333	Ivmb_BB		17 21 46.7
KMY KMY	97.98 333	e P	PP	17 21 46.8 +1.7
KMY KMY	97.98 333	e P	SP	17 23 33.3 -1.6
KMY KMY	97.98 333	e P	SP	17 24 21.2 -3.1
KMY KMY	97.98 333	e P	PP	17 25 52.0 +0.6
OBKA	Obir 98.04 319	i Pdiff	Pdf	17 31 36.1 +0.9
OBKA	comp=Z,97nm,1.4s,SNR=69	i PP	PP	17 21 44.5 -1.0
OBKA	comp=Z,146nm,1.3s,SNR=5.4	i PP	PP	17 25 51.6 -0.5
OBKA	comp=Z,11nm,1.1s	eSKS	SKSac	17 31 34.8 -1.3
OBKA	comp=Z,7.7nm,1.8s	e P'	P'pdf	17 46 30.7 -1.1
NKC NKCC	Novy Kostel 98.05 323	i P	Pdf	17 21 44.9 -0.6
NKC NKCC	Novy Kostel 98.05 323	e P	Pdf	17 25 49.9 +2.5
NKC NKCC	Novy Kostel 98.05 323	e P	PP	17 21 46.7 +1.2
NEUB	Neuenburg 98.09 324	ePdiff	P	17 21 47.0 +1.2
PLN	Plauen 98.14 323	ePdiff	P	17 21 47.3 +1.2
WET	Wetzell 98.19 322	ePdiff	P	17 21 47.4 +1.2
LJU LJU	Ljubljana 98.20 318	i Pdiff	Pdf	17 21 45.4 -0.8
LJU LJU	Ljubljana 98.20 318	e P	PP	17 21 46.9
LJU LJU	Ljubljana 98.20 318	e P	SKSac	17 25 58.1 +4.9
LJU LJU	Ljubljana 98.20 318	e	SKS	17 34 52.6
LJU LJU	Ljubljana 98.20 318	e	SKS	17 49 13.4
BIOA	Bad Ischl, Aus 98.22 320	i Pdiff	Pdf	17 21 45.3 -1.0
BIOA	comp=Z,69nm,1.2s,SNR=58	i PP	PP	17 25 53.6 +0.3
BIOA	comp=Z,201nm,1.4s,SNR=5.3	eSKS	SKSac	17 31 33.1 -3.7
BIOA	comp=Z,35nm,1.7s	e P'	P'pdf	17 46 31.6 +0.3
BIOA	comp=Z,6.0nm,1.4s	e P'	P'pdf	17 46 31.6 +0.3
KULLO KULLO	Kullorsuaq 98.34 0	i P	I Amb	17 21 46.5 +0.3
ASSE	Asse, Remlinge 98.37 325	ePdiff	P	17 21 48.2 +1.4
MATE MOX	Matera 98.37 313	i P	Pdf	17 21 46.9 -0.1
MATE MOX	Matera 98.37 313	ePdiff	P	17 21 48.3 +1.3
MYKA	Terra Mystica 98.59 319	i Pdiff	Pdf	17 21 47.8 -0.1
MYKA	comp=Z,39nm,1.1s,SNR=21	e P	PP	17 25 55.5 -0.6
MYKA	comp=Z,189nm,2.0s	eSKS	SKSac	17 31 36.0 -2.7
KBA	Koelnbreinsper 98.62 320	i Pdiff	Pdf	17 21 48.1 -0.2
KBA	comp=Z,63nm,1.1s,SNR=27	e P	PP	17 25 55.5 -1.0
KBA	comp=Z,113nm,1.3s	eSKS	SKSac	17 31 36.2 -2.9
CLZ	Clausthal 98.65 325	ePdiff	P	17 21 49.8 +1.6
CADS CADS	Cadror 98.66 319	i Pdiff	Pdf	17 21 46.9 -1.4
TRK Trieste	98.82 318	i SKS	SKSac	17 31 35.7 -3.4
TRK Trieste	98.82 318	P	Pmax	17 21 47.8 -1.1
TRI RETH	Rethem/Aller, 98.86 326	ePdiff	P	17 21 50.3 +1.4
TRI RETH	Rethem/Aller, 98.86 326	e P	P	17 21 48.4 -1.4
BROL LESA	Schwarzleot 98.93 320	i Pdiff	Pdf	17 21 48.4 -1.1
LESA	comp=Z,308nm,1.5s,SNR=6.6	i PP	PP	17 25 59.6 +0.9
LESA	comp=Z,46nm,1.2s	eSKS	SKSac	17 31 35.7 -4.7
LESA	comp=Z,6.7nm,0.5s	ePKKP	PKKPbc	17 38 14.7 -1.2
GRF	Grafenberg Arr 98.99 323	ePdiff	P	17 21 51.1 +1.4
GTG	Gottingen 99.00 325	ePdiff	Pdf	17 21 51.1 +1.5
SCO SCO	Scorebysund 99.17 349	i P	I Amb	17 21 52.0 +2.1
SCO SCO	comp=Z,190nm,1.3s	e P	I Amb	17 21 53.1
ABTA	Abfaltersbach 99.27 320	i Pdiff	Pdf	17 21 49.3 -1.7
ABTA	comp=Z,143nm,1.2s,SNR=71	e P	PP	17 26 01.5 +0.2
ABTA	comp=Z,75nm,1.3s	eSKS	SKSac	17 31 37.1 -5.0
ABTA	comp=Z,86nm,1.4s	e P'	P'pdf	17 46 28.1 -1.3
UBBA	Unterzibsdach 99.27 324	ePdiff	Pdf	17 21 51.8 +1.1
FUR	Furstenfeldbru 99.53 321	ePdiff	Pdf	17 21 53.4 +1.3
SUMC SUMM	Summit 99.57 355	e P	Pdf	17 21 53.6 +1.4
SUMC SUMM	Summit 99.57 355	i P	Pdf	17 21 53.7 +1.5
WTTA	Wattenberg 99.64 320	i Pdiff	Pdf	17 21 51.8 -1.0
WTTA	comp=Z,291nm,1.2s,SNR=112	e P	PP	17 26 04.4 +0.2
WTTA	comp=Z,262nm,1.6s	eSKS	SKSac	17 31 40.8 -3.3
WTTA	comp=Z,97nm,1.1s	e P'	P'pdf	17 46 26.5 -2.3
WATA	Walderalm 99.66 320	i Pdiff	Pdf	17 21 51.5 -1.3
WATA	comp=Z,91nm,1.0s,SNR=111	e P	PP	17 26 04.0 -0.2
WATA	comp=Z,219nm,1.6s	eSKS	SKSac	17 31 40.7 -3.4
WATA	comp=Z,67nm,1.3s	e P'	P'pdf	17 46 25.9 -2.8
WATA	comp=Z,3.3nm,1.0s	e P	P	17 21 55.5 +1.1
SOBW	Sowa 99.91 250	e P	Pdf	17 21 55.2 +1.5
SOBW	Ibbenburen 99.93 326	ePdiff	Pdf	17 21 55.2 +1.5

SQTA	Sankt Quirin 99.93 320	i Pdiff	Pdf	17 21 52.9 -1.1
SQTA	comp=Z,236nm,1.2s,SNR=96	e P	PP	17 26 06.5 +0.2
SQTA	comp=Z,184nm,1.4s	eSKS	SKSac	17 31 43.0 -2.4
MOTA	Moosalm 99.95 321	i Pdiff	Pdf	17 21 52.4 -1.7
MOTA	comp=Z,139nm,1.6s,SNR=97	e P	PP	17 26 06.0 -0.4
MOTA	comp=Z,161nm,1.2s	eSKS	SKSac	17 31 45.9 +0.3
KASTN	Kahler Asten 100.03 325	ePdiff	Pdf	17 21 55.8 +1.6
KASTN	comp=Z,409nm,1.4s	e P	PP	17 21 55.2 +0.5
RETA	Reutte 100.11 321	i Pdiff	Pdf	17 21 55.2 +0.5
RETA	comp=Z,71nm,1.5s,SNR=25	e P	PP	17 26 06.9 -0.7
RETA	comp=Z,112nm,1.3s	eSKS	SKSac	17 31 43.8 -2.3
UPNV	Upenovnik 100.16 0	i P	Pdf	17 21 54.4 +0.1
ELIB	Princess Elisa 100.17 198	d P	Pdf	17 21 55.9 +0.0
ELIB	comp=Z,28nm,1.5s	d P	P	17 23 43.2 +0.4
ELIB	comp=Z,28nm,1.5s	d P	SPdf	17 24 30.1 -1.3
L'Aquila	100.19 315	e P	Pdf	17 21 55.4 +0.2
AQU	L'Aquila 100.19 315	i P	Pdf	17 21 56.0 +0.8
FETA	Feichten 100.31 320	i Pdiff	Pdf	17 21 54.9 -0.9
FETA	comp=Z,111nm,1.4s,SNR=31	e P	PP	17 26 09.0 -0.2
FETA	comp=Z,150nm,1.7s	eSKS	SKSac	17 31 45.1 -2.2
FETA	comp=Z,99nm,1.3s,SNR=16	e P'	P'pdf	17 46 27.2 -0.3
LRW	Lerwick 100.32 335	e P	Pdf	17 21 52.4 -2.9
TNS	Tannus Mts 100.42 324	ePdiff	Pdf	17 21 57.5 +1.5
TNS	comp=Z,359nm,1.5s	e P	PP	17 21 57.9 +1.3
BUG	Buchum-Übers 100.58 325	ePdiff	Pdf	17 21 58.0 +1.4
BUG	comp=Z,358nm,1.2s	e P	PP	17 21 58.0 +0.0
KSANE	Kasane 100.71 253	e P	Pdf	17 21 56.8 -0.9
DAVA	Damuels 100.74 321	i Pdiff	Pdf	17 26 09.6 -2.7
DAVA	comp=Z,71nm,1.2s,SNR=48	e P	PP	17 26 09.6 -2.7
DAVA	comp=Z,60nm,1.1s	eSKS	SKSac	17 31 47.2 -2.2
LBTB	Lobosht 100.75 246	e P	Pdf	17 21 56.9 -1.2
BOSA	Boshat 101.22 242	e P	Pdf	17 22 00.1 +0.1
BOSA	comp=Z,10nm,0.9s,baz=101,slo=4.2,SNR=11	e P	PKKP	17 26 21.9 0.0
BOSA	comp=Z,6.4nm,0.7s,baz=112,slo=2.1,SNR=6.3	e P	PKKPbc	17 38 08.2 -0.5
BOSA	comp=Z,3.0nm,0.5s,baz=275,slo=2.5,SNR=15	e P	PKKPbc	17 22 00.7 +0.6
BOSA	Boshof 101.22 242	e P	Pdf	17 22 00.7 +0.6
BOSA	Boshof 101.22 242	e P	Pdf	17 22 00.7 +0.6
BOSA	Boshof 101.22 242	e P	Pdf	17 22 00.2 +0.1
BOSA	Black Forest 101.28 322	ePdiff	Pdf	17 22 00.7 +0.8
BUFG	Naugaatsiaq 101.39 359	i P	Pdf	17 22 00.9 +1.2
BTNL	Ternell 101.60 325	d Pdiff	Pdf	17 22 02.9 +1.7
BTNL	comp=Z,43nm,1.4s	e P	Pdf	17 22 01.5 +0.1
VLC	Villacollemand 101.61 318	e P	Pdf	17 22 01.6 +0.2
MEM	Membach 101.66 325	d Pdiff	Pdf	17 26 18.9 +0.1
MEM	comp=Z,67nm,1.4s	e P	PP	17 22 02.9 +1.0
MEM	Eben Emael 101.76 325	d Pdiff	Pdf	17 22 03.5 +1.5
BHOH	Houvezeg 101.78 325	d Pdiff	Pdf	17 22 03.0 +0.4
BSTI	Sart Tilman 101.92 325	d Pdiff	Pdf	17 22 04.9 +1.9
BSTI	comp=Z,42nm,1.7s	e P	Pdf	17 22 03.8 +0.8
WLF	Walferdange 102.00 324	e P	Pdf	17 26 21.0 -0.3
WLF	Walferdange 102.00 324	e P	Pdf	17 22 04.9 +1.9
WLF	Walferdange 102.00 324	e P	Pdf	17 22 03.8 +0.8
WLF	Walferdange 102.00 324	e P	Pdf	17 22 04.9 +1.9
BCLA	Clavier 102.15 325	d Pdiff	Pdf	17 22 03.9 +0.3
BCLA	comp=Z,63nm,1.5s	e P	PP	17 26 19.2 -3.2
BCLA	CKGRV 102.24 250	e P	Pdf	17 22 03.5 -1.3
BGVS	Gesves 102.29 325	d Pdiff	Pdf	17 22 06.1 +1.9
BGVS	comp=Z,43nm,1.6s	e P	PP	17 22 04.4 0.0
RCHB	Rochefort 102.31 325	d Pdiff	Pdf	17 26 18.2 -5.0
RCHB	comp=Z,55nm,1.5s	e P	Pdf	17 22 06.4 +1.3
UCC	Uccle 102.50 326	d Pdiff	Pdf	17 22 04.9 -0.3
BMRD	Maredsous 102.51 325	d Pdiff	Pdf	17 26 22.2 -1.3
BMRD	comp=Z,63nm,1.3s	e P	Pdf	17 22 06.3 +0.2
DOU	Dourbes 102.70 325	d Pdiff	Pdf	17 26 28.5 +2.0
DOU	comp=Z,60nm,1.5s	e P	PP	17 22 08.1 +0.1
LINV	Loch Inver, As 103.17 335	e P	Pdf	17 22 04.5 -4.5
WACR	West Acre 103.36 331	e P	Pdf	17 22 08.4 -1.3
EDNC	Edinburgh 103.63 330	e P	Pdf	17 22 13.2 -2.0
EDNC	Edinburgh 103.63 330	e P	Pdf	17 22 11.0 +0.6
IMVG	Invergoldiers 103.72 333	e P	Pdf	17 22 11.0 +0.6
KPL	Plockton 103.87 335	e P	Pdf	17 22 11.8 -0.8
EKA	Eskdalemuir Ar 103.97 332	Pdiff	Pdf	17 22 11.5 +0.1
EKA	comp=Z,28nm,1.0s,baz=58,slo=5.0,SNR=37	e P	PKKPbc	17 37 59.2 -2.4
EKA	comp=Z,2.1nm,0.4s,baz=242,slo=3.0,SNR=21	e P	SKKPbc	17 40 53.6 -2.1
EKA	comp=Z,1.9nm,0.7s,baz=251,slo=2.2,SNR=4.9	e P	SKKPbc	17 22 08.8 -3.0
ESK	Eslesmuir 104.00 332	e P	Pdf	17 22 10.4 -1.4
HPK	Haverah Park 104.02 330	e P	Pdf	17 22 12.8 +0.5
ELSH	Elham, Standar 104.11 327	e P	Pdf	17 22 11.7 -2.4
CWF	Charnwood Fore 104.54 329	e P	Pdf	17 22 15.7 +0.8
HMXN	Herstmonceux 104.68 327	e P	Pdf	17 22 13.2 -2.0
EDNC	Edinburgh 104.79 330	e P	Pdf	17 22 15.3 -0.7
GALL	Galloway 104.96 332	e P	Pdf	17 37 57.5 -0.1
SUR	Sutherland 105.09 239	PKKPbc	PKKPbc	17 22 16.7 -0.8
SUR	comp=Z,4.3nm,0.8s,baz=242,slo=3.0,SNR=5.7	e P	Pdf	17 22 15.9 -2.1
WOL	Wolverson 105.28 328	e P	Pdf	17 22 19.1 +0.4
WOL	Foel Mylla 105.40 330	e P	Pdf	17 22 17.8 -0.6
KEST	Keira 105.44 310	Pdiff	Pdf	17 22 17.8 -0.6
KEST	comp=Z,20nm,1.1s,baz=73,slo=9.0,SNR=25	e P	PP	17 22 17.8 -0.6
HLM1	Long Mynd 105.45 330	e P	Pdf	17 22 19.5 +1.2
SWIN	Swindon 105.47 328	e P	Pdf	17 22 19.2 +0.7
STRD	Stroud 105.51 329	e P	Pdf	17 22 18.6 -0.9
WLF	Wolfe 105.75 331	e P	Pdf	17 22 19.1 -0.7
MONM	Monmouth 105.80 329	e P	Pdf	17 22 23.6 +1.9
TROLL	Troll, Antarti 106.28 196	i Pdiff	Pdf	17 26 30.0 0.0
TROLL	comp=Z,249nm,0.7s	e P	PKKP	17 26 13.3 -0.2
TROLL	comp=Z,540nm,0.4s	e P	SKSac	17 37 51.6 -3.6
TROLL	comp=Z,837nm,1.1s	e P	PKKPbc	17 38 11.1 +0.2
TROLL	comp=Z,1µm,1.1s	e P	PKKPbc	17 22 23.2 0.0
NVAR	Mina Array Bea 106.44 47	Pdiff	Pdf	17 26 32

Table with columns for station name, coordinates, and various data points. Includes stations like MORF Marnele, MORF Marnele, MORF Marnele, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like ANWB Willy Bob, DHSS Broadband at M, GHDZ Morne Mazeau, etc.

WEL 01 17:10:17.5:0.9,34 S,9°17'19W±1°3, h231km, 19km, M3.9/11, mb4.4/6, ML4.5/16, MLV4.2/11, Mw(MB)3.6/6, Error ellipse: s-maj=18.6km s-min=10.0km az=116.5, confirmed, South of Kermadec Islands

Table with columns for station name, coordinates, and various data points. Includes stations like Code Station Name, MZX Matakaoa Point, WMGZ Waomatiana Point, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like WCZ Aarahi, RAHZ Aarahi, RAHZ Aarahi, etc.

VIE 01 17:10:29.0:0.6,51°48N:16°14E, h0km, mb2.3/6, ml2.8/6, Error ellipse: s-maj=5.2km s-min=3.5km az=40.0 74 km NW of Wroclaw Suspected Mining induced. IPEC 01 17:10:29.0:0.2,51°51N:16°28E, h1km, ML2.4/8, Error ellipse: s-maj=1.9km s-min=1.1km az=65.0 DNK 01 17:10:29.4:2.1,51°65N:16°31E, h0km, 78km, ML2.3, Presumed earthquake PRU 01 17:10:30.0:0.51°48N:16°19E, h0km ISC 01 17:10:28.0:0.8,51°57N:16°03E:16.9E:0.02, h0km, n42, e1911/87, Poland

Table with columns for station name, coordinates, and various data points. Includes stations like Code Station Name, KSP Ksiaz, KSP Ksiaz, CHVC Chvalec, etc.

Table with columns: MD31, MD31, 8.02 119, P, Pn, 17 58 48.4 -1.5, etc.

Table with columns: SNAAL, Sanae, 50.38 203, P, P, 18 14 34.7 -0.2, etc.

Table with columns: JOB, Onbets, 2.60 251, P, Pn, 18 51 20.9 +0.3, etc.

IDC 01 17:57:18.3:1.8, 40.65N:139.23E, h0km, mb3.3/1, mbtmp3.2/4, ML2.5/3, Error ellipse: s-maj=39.9km s-min=20.8km az=96.0

comp=Z,15nm,0.9s,baz=155,slow=10.0,SNR=44

NEIC 01 18:55:44.2:1.7, 18.1S:0.1x178.0W:0.1, h57km, mb4, 1/38, Error ellipse: s-maj=20.0km s-min=6.2km az=134.0

JMA 01 17:57:19.5:0.1, 40.8N:0.2:139.3E:0.4, h16km, 1km, MV3.5/5, W OFF AOMORI PREF

comp=Z,14nm,1.3s

IDC 01 18:55:44.8:0.8, 18.16S:0.09:178.06W:0.09, h591km, mb4, n133, s197/140, mb4.0/31, 1D, Fiji Islands region

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

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

IDC 01 18:05:37.7:0.7, 48.53S:106.95E, h0km, mb4.5/8, mbtmp4.5/8, MS4.4/8, Error ellipse: s-maj=30.3km s-min=16.8km az=111.0

comp=Z,2.0nm,1.0s

BUI 01 18:05:37.7:0.7, 48.53S:106.95E, h13km, mb4.7/10, NEIC 01 18:05:37.8:1.3, 48.51S:0.07:106.9E:0.1, h10km, 1km, mb4.8/35, Error ellipse: s-maj=18.0km s-min=3.7km az=52.0

IDC 01 18:05:38.1:0.4, 48.53S:106.90E:0.10, h10km, n91, s17/84, mb4.8/32, MS4.4/8, 4C-2D, Southeast Indian Ridge

comp=Z,2.2nm,1.1s

IDC 01 18:05:38.1:0.4, 48.53S:106.90E:0.10, h10km, n91, s17/84, mb4.8/32, MS4.4/8, 4C-2D, Southeast Indian Ridge

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

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

SKHL 01 18:50:41.9:0.2, 43.80N:147.20E, h56km, mb3.5/3, JMA 01 18:50:41.4:0.2, 43.7N:0.9:147.1E, h28km, 3km, MV2.9/3.0, OFF HOKKAIDO

comp=Z,1.9nm,0.8s,baz=225,slow=2.9,SNR=2.7

IDC 01 18:50:39.7:1.6, 43.79N:0.08:147.19E:0.08, h20km, 8km, n18, s083/31, Kuril Islands

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

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

NVAR	Mina Array Bea	79.37 44	P	P	19 06 52.1 +1.3
comp=Z:1.2nm,0.7s,baz=228,slow=8.5,SNR=4.0					
NVAR	Mina Array Bea	79.37 44	P	P	19 06 51.9 +1.1
O18K	Koktuh Hills	79.93 11	I	Amb	19 06 53.0 +0.1
comp=Z:7.7nm,0.9s					
TPNV	Topopah Spring	79.95 46	P	P	19 06 54.8 +1.0
KOSA	Summer Lake	80.18 39	P	P	19 06 55.8 +0.9
J20K	Novinta River	84.13 10	I	Amb	19 07 00.9 +0.2
comp=Z:2.8nm,0.5s					
CCB	Clear Creek Bu	85.75 13	P	P	19 07 21.4 +0.4
CCB	Clear Creek Bu	85.75 13	I	Amb	19 07 21.6
TX31	Lajitas Ar. Si	85.85 57	P	P	19 07 25.3 +2.1
TX31	Lajitas Ar. Si	85.85 57	I	Amb	19 07 26.1
TXAR	Lajitas Array	85.85 57	P	P	19 07 25.4 +2.1
comp=Z:1.4nm,0.7s,baz=216,slow=6.2,SNR=20					
TXAR	Lajitas Array	85.85 57	P	P	19 07 25.5 +2.3
ILAR	Eielson Array	86.06 13	P	P	19 07 22.9 +0.5
comp=Z:1.4nm,0.4s,baz=210,slow=5.1,SNR=29					
ILAR	Eielson Array	86.06 13	P	P	19 07 23.2 +0.1
J25K	Salcha River	86.25 13	P	P	19 07 24.3 +0.0
J25K	Salcha River	86.25 13	I	Amb	19 07 24.8
PDAR	Pinedale Array	87.30 43	P	P	19 07 30.8 +0.8
comp=Z:1.0nm,0.7s,baz=201,slow=2.7,SNR=9.4					
PDAR	Pinedale Array	87.30 43	P	P	19 07 30.0 +0.0
CMAR	Chiang Mai Arr	89.28 290	P	P	19 07 39.8 +0.8
comp=Z:0.8nm,0.3s,baz=104,slow=4.8,SNR=4.4					
ARCES	ARCESS Array B	126.62 350	PKP	PKPpdf	19 13 40.8 -0.3
comp=Z:2.5nm,0.5s,baz=49,slow=1.8,SNR=7.9					
FINES	FINESS Array B	133.52 344	PKP	PKPpre	19 13 47.9
comp=Z:2.2nm,1.1s,baz=108,slow=4.2,SNR=4.2					
FINES	FINESS Array B	133.52 344	PKP	PKPpdf	19 13 53.1 -1.2
comp=Z:2.4nm,2.1s,baz=31,slow=2.4,SNR=1.8					
EKA	Eskdalemuir Ar	142.69 5	PKP	PKPpre	19 14 07.4
comp=Z:0.6nm,0.6s,baz=358,slow=2.6,SNR=3.5					
BRTR	Keskin Array B	145.20 315	PKP	PKPbc	19 14 17.1 -0.3
comp=Z:1.2nm,0.5s,baz=59,slow=3.3,SNR=11					
OSTO	Ostias	145.72 344	PKP	PKPbc	19 14 19.3 +0.9
CHVC	Chvalec	145.74 344	PKP	PKPbc	19 14 20.6 +0.3
CLL	Collm	147.18 348	PKP	PKPbc	19 14 18.2 -0.3
CLL	Collm	147.18 348	PKP	PKPbc	19 14 18.8 +0.3
comp=Z:8.0nm,0.7s					
UPC	Ujice	145.82 344	PKP	PKPbc	19 14 19.3 +0.6
STEB	Saborice	145.84 342	PKP	PKPbc	19 14 18.9 +0.1
DPG	Dobruska-Polom	145.88 344	PKP	PKPbc	19 14 19.4 +0.5
BRG	Berggiesshubel	145.99 346	PKP	PKPbc	19 14 19.9 +0.8
BRG	Berggiesshubel	145.99 346	PKP	PKPbc	19 14 20.5
comp=Z:2.8nm,0.7s					
BRG	Berggiesshubel	145.99 346	PKP	PKPpdf	19 27 45.5
BRG	Berggiesshubel	145.99 346	PKP	PKPbc	19 27 47.6
comp=Z:2.0nm,1.1s					
KRLC	Kraliky	146.01 343	PKP	PKPbc	19 14 19.5 +0.2
PVCC	Panska Ves	146.18 346	PKP	PKPbc	19 14 20.0 +0.8
MMAI	Mount Meron Ar	146.56 303	PKP	PKPbc	19 14 21.5 +0.2
comp=Z:3.7nm,0.5s,baz=62,slow=3.4,SNR=2.1					
PRU	Pruhonice	146.67 345	PKP	PKPbc	19 14 20.9 -0.1
ZVC	Zvikov	147.27 345	PKP	PKPbc	19 14 23.4 +0.8
KHC	Kasperske Hory	147.70 346	PKP	PKPbc	19 14 24.9 +0.2
KCRK	Cesky Krumlov	147.81 345	PKP	PKPbc	19 14 24.4 +0.3
GERES	GERESS Array B	147.94 345	PKP	PKPbc	19 14 24.8 +0.3
comp=Z:1.8nm,0.6s,baz=15,slow=2.1,SNR=18					
GERES	GERESS Array B	147.94 345	PKP	PKPbc	19 14 24.1 -0.4
CONA	Conrad Observa	148.21 342	PKP	PKPbc	19 14 26.2 -0.2
RONA	Rosalia, Austr	148.28 341	PKP	PKPbc	19 14 26.2 -0.2
MOA	Molin	148.72 344	PKP	PKPbc	19 14 27.0 -0.4
comp=Z:2.6nm,0.7s					
BIOA	Bad Ischl, Aus	149.03 345	PKP	PKPbc	19 14 27.6 +0.4
comp=Z:1.1nm,0.5s					
SESA	Seetaler Alpe	149.31 343	PKP	PKPbc	19 14 28.2 +0.1
LESA	Schwarzeleot	149.51 346	PKP	PKPbc	19 14 28.7 +0.1
SOKA	Soboth	149.58 342	PKP	PKPbc	19 14 28.3 -0.3
comp=Z:1.6nm,0.8s					
WATA	Walderau	149.84 347	PKP	PKPbc	19 14 29.6 +0.3
RETA	Reutte	149.87 348	PKP	PKPbc	19 14 29.6 -0.2
comp=Z:1.0nm,0.4s					
WTTA	Wattenberg	149.90 347	PKP	PKPbc	19 14 29.9 -0.1
MOTA	Moosalm	149.94 348	PKP	PKPbc	19 14 29.8 +0.3
comp=Z:2.6nm,0.6s					
MYKA	Terra Mystica	150.01 344	PKP	PKPbc	19 14 29.1 -0.4
comp=Z:3.0nm,0.8s					
SQTA	Sankt Quirin	150.03 347	PKP	PKPbc	19 14 29.9 +0.3
ABTA	Abfaltersbach	150.19 345	PKP	PKPbc	19 14 29.8 -0.2
comp=Z:4.1nm,0.6s					
DAVA	Damulst	150.23 349	PKP	PKPbc	19 14 30.8 +0.2
comp=Z:2.8nm,0.9s					
FETA	Feichten	150.32 348	PKP	PKPbc	19 14 30.5 +0.1
comp=Z:3.0nm,0.8s					

TAP 01 19:01:24.9,23.97N:121.80E, h116km, 1km, ML2.2, C, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
HWA	Hwaiien	0.18 273	eP	Pn	19 01 40.8 -0.3
TWD	Chiawan	0.21 301	eP	Pn	19 01 55.8 -1.1
TWD	Chiawan	0.21 301	eS	Pn	19 01 42.7 +1.5
ETL	Fush Village	0.25 320	eP	Pn	19 01 54.0 +0.7
NACB	Ninganchiao	0.28 318	iP	Pn	19 01 40.6 -0.7
NACB	Ninganchiao	0.28 318	iS	Pn	19 01 53.0 -0.7
ETM	Tongmen	0.28 269	eP	Pn	19 01 41.9 +0.5
ETM	Tongmen	0.28 269	eS	Pn	19 01 53.7 0.0
SHUL	Shoufeng	0.32 230	eP	Pn	19 01 41.8 +0.4
SHUL	Shoufeng	0.32 230	iS	Pn	19 01 53.7 0.0
LXIB	Xiulin Townshi	0.35 278	P	Pn	19 01 41.6 -0.3
LXIB	Xiulin Townshi	0.35 278	P	Pn	19 01 53.9 -0.7
ESL	Shilin	0.37 245	eP	Pn	19 01 41.1 -0.4
ESL	Shilin	0.37 245	eS	Pn	19 01 55.7 +1.3
ETLH	Xiulin Townshi	0.37 309	eP	Pn	19 01 41.5 -0.4
ETLH	Xiulin Townshi	0.37 309	iS	Pn	19 01 54.3 -0.4
WARBT	Fenglin Townsh	0.45 236	eP	Pn	19 01 42.3 +0.1
WHF	Hehuan Shan	0.52 290	eP	Pn	19 01 43.1 0.0
OVD	Renai	0.57 269	iP	Pn	19 01 43.5 +0.3
OVD	Renai	0.57 269	iS	Pn	19 01 56.3 -0.5
EOS3	EOS3	0.57 56	eP	Pn	19 01 43.4 +0.7
FUSS	Fushou	0.58 299	eP	Pn	19 01 43.3 0.0
FUSS	Fushou	0.58 299	eS	Pn	19 01 56.9 -0.2
HGSD	Ruisui	0.58 216	eP	Pn	19 01 41.9 -1.2
NNSB	Datong	0.59 320	P	Pn	19 01 40.3 -0.3
NNSB	Datong	0.59 320	iS	Pn	19 01 56.6 -0.4
NNSH	Datong	0.59 320	eP	Pn	19 01 43.2 0.0
NNSH	Datong	0.59 320	iS	Pn	19 01 56.1 -1.0
NNS	Nan Shan	0.61 321	eP	Pn	19 01 44.0 +0.7
NNS	Nan Shan	0.61 321	iS	Pn	19 01 57.4 -0.1
LATG	Datong	0.62 336	eP	Pn	19 01 44.5 +1.0
WUSB	Renai	0.62 272	P	Pn	19 01 43.1 -0.3
WUSB	Renai	0.62 272	iS	Pn	19 01 56.5 -1.0
WVDT	WVDT	0.64 250	P	Pn	19 01 43.9 +0.5
WVDT	WVDT	0.64 250	iS	Pn	19 01 57.6 +0.2
YULB	Yu-li	0.73 219	eP	Pn	19 01 44.2 -0.1
SSLB	Suanglung	0.75 257	eP	Pn	19 01 44.8 0.0
YHNB	Yehung	0.80 331	eP	Pn	19 01 45.3 +0.4
YHNB	Yehung	0.80 331	eS	Pn	19 01 59.4 -0.4

TAP 01 19:01:47.6,23.84N:121.45E, h12km, ML1.0, C, A, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
ESL	Shiini	0.03 219	iP	Pg	19 01 50.6 +0.8
SHUL	Shoufeng	0.11 116	iP	Pg	19 01 52.1 +0.7
ETM	Tongmen	0.13 16	iP	Pb	19 01 51.2 -0.5
WARBT	Fenglin Townsh	0.13 207	iP	Pb	19 01 51.8 -0.5
WARBT	Fenglin Townsh	0.13 207	iS	Pg	19 01 51.8 -0.4
TEYL	Yanliu Villag	0.14 77	eP	Pb	19 01 54.0 +0.6
TEYL	Yanliu Villag	0.14 77	eS	Pg	19 01 51.8 -0.3
TEYL	Yanliu Villag	0.14 77	eS	Pg	19 01 54.8 +1.4

TEGC	Jichi Village	0.15 148	eP	Pb	19 01 52.0 -0.4
TEGC	Jichi Village	0.15 148	eS	Pg	19 01 55.1 +1.4
EGFH	Guangfu	0.17 188	eP	Pb	19 01 52.3 -0.4
LXIB	Xiulin Townshi	0.19 349	eP	Pb	19 01 52.8 -0.3
HWA	Hwaiien	0.20 45	eP	Pb	19 01 52.6 -0.5
HWA	Hwaiien	0.20 45	eS	Pb	19 01 56.4 +1.5
OVD	Renai	0.28 295	eP	Pg	19 01 55.3 +0.6
VWDT	WVDT	0.30 254	eP	Pg	19 01 53.9 +0.1
WHF	Hehuan Shan	0.35 331	eP	Pb	19 01 55.6 -0.5

IDC 01 19:08:47.9,0.5,3.43S:148.87E, h0km, mb4.8/25, mtmP4.8/29, ML4.0/4, MS5.3/10, Error ellipse: s-maj=17.5km s-min=8.5km az=101.0

BJI 01 19:08:48.3,12S:149.02E, h12km, mb5.5/49, mb5.0/76, MS5.8/76, MS7.5/673

MOS 01 19:08:48.0,0.9,3.31S:148.80E, h12km, mb5.3/56, MS5.5/14, Error ellipse: s-maj=8.5km s-min=5.1km az=114.5

ISC-P 01 19:08:49.3,19S:148.75E, h8km NEIC 01 19:08:49.8,3.17S:148.76E, h10km NEIC 01 19:08:49.7,3.18S:148.75E, h10km NEIC 01 19:08:49.7,1.0,3.19S:0.06:148.75E, h10km, mb5.9/18, Ms.20.5/8709, Mwbs.7/34, Mw5.7/26, Error ellipse: s-maj=12.1km s-min=6.0km az=219.0 Moment Tensor Solution: Moment tensor: Scale 1017 Nm; M1=0.92; M2=2.40; M3=1.49; M4=0.15; M5=3.19; M6=0.30; Fault plane solution: Mw:3.83000x1017 NP1: ϕ=195.79000°, δ88.98000°, λ=174.59000°. NP2: ϕ=105.69000°, δ84.59000°, λ=1.03000°. Principal axes: T 4.2050, Plg3.0000, Azm331.0000; N -0.9166, Plg84.0000; Azm206.0000; P -3.2884, Plg5.0000, Azm61.0000;

GFZ 01 19:08:53.3,0.2,3.3S:2.14E, h36km, M5.2/58, mb5.1/58

GFZ 01 19:08:53.3,3.40S:148.68E, h33km, Mw5.7/49, Moment Tensor Solution: Moment tensor: Scale 1017 Nm; M1=1.04; M2=3.28; M3=4.32; M4=0.28; M5=3.26; M6=0.78; Fault plane solution: Mw:5.15908x1017 NP1: ϕ=294.45308°, δ84.88987°, λ=4.95263°. NP2: ϕ=24.89531°, δ85.06711°, λ=174.87082°. Principal axes: T 4.4918, Plg0.1248, Azm159.6665; N 1.1430, Plg82.8883; Azm68.6658; P -5.6347, Plg7.1106; Azm249.6820;

GCMT 01 19:08:53.7,0.1,3.29S:0.01:148.78E,0.01, h12km, Mw5.7/61, Moment Tensor Solution: s28,c214; s161,c343; Duration: 1s8 Moment tensor: Scale 1017 Nm; M1=0.50; M2=0.6; M3=3.59; M4=0.6; M5=3.09; M6=0.79; M7=15; M8=3.55; M9=0.6; M10=1.7; Best double couple: Mw:4.96300x1017 NP1: ϕ=112.0000°, δ81.00000°, λ=4.00000°. NP2: ϕ=21.0000°, δ86.0000°, λ=171.00000° Principal axes: T 5.2860, Plg0.0000, Azm336.0000; N -0.6430, Plg40.0000, Azm177.0000; P -4.6400, Plg4.0000, Azm67.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment rate function

DJA 01 19:08:54.2,1.1,3.3S:3.14E, h21km, M5.4/84, mb5.8/56, mb5.2/84, MLV5.8/12, Mw(mb)5.4/56, Mw5/56, Mw5.5/7, Mw5.6/7

NEIC 01 19:08:59.3,3.18S:148.85E, h12km, Moment Tensor Solution: Duration: 3.7 Moment tensor: Scale 1017 Nm; M1=0.51; M2=3.34; M3=1.24; M4=0.05; M5=3.13; M6=0.34; Fault plane solution: Mw:4.43000x1017 NP1: ϕ=292.25000°, δ85.33000°, λ=1.83000°. NP2: ϕ=22.40000°, δ88.18000°, λ=175.33000°. Principal axes: T 4.6589, Plg2.0000, Azm157.0000; N -0.4902, Plg85.0000; Azm44.0000; P -4.1688, Plg5.0000, Azm247.0000;

ISC 01 19:08:50.9,0.5,3.28S:0.03:148.84E,0.04, h17km, mb5.1/230, MS5.7/264, h17km; pP.n829,ϕ199/679,mb5.1/230,MS5.7/264, 19C-4D, Bismarck Sea

Code	Station Name
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1d 19h

Table with columns: Station, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like AUHPS, H11S3, H11S2, etc.

2020 AUG

Table with columns: Station, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like TATO, JSU, MOO, etc.

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Table with columns: Station, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like PYAG, HHU, SDSA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various numerical values. Includes stations like MKAR Makanchi Array, WUS Wushi, ZALV Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various numerical values. Includes stations like GENE Genyem, COEN Coen, TATA Tatamba Isabel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various numerical values. Includes stations like RMQ Roma, KNRA Kunurra, AUBSH Beerwah Station, etc.

BJI 01 19:22:03.6, 3.22S: 149.13E, h15km, mB5.9/59, mb5.2/82, Ms6.0/85, Ms7.5/94...
MOS 01 19:22:04.5, 1.5, 3.25S: 148.75E, h13km, mb5.6/58, MS5.9/22, Error ellipse: s-maj=7.6km s-min=4.3km az=111.1...
IDC 01 19:22:04.0, 3.30S: 148.72E, h0km, mb5.1/28, mbmp5.1/33, ML3.9/4, Ms5.7/62, Error ellipse: s-maj=16.1km s-min=10.5km az=81.0...
ISC-PP 01 19:22:05.3, 2.05S: 148.65E, h9km, Mwppsm6.4, Moment Tensor Solution. s43 Moment tensor: Scale 10^18Nm; Mn:0.41±.14; M0:0.46±.28; Ms:0.43±.17; Mo:0.23±.19; M0:0.08±.18; M0:0.39±.13; Fault plane solution: Mw:6.2000x10^18 NP1:0.199 10000°, 0.666 60000°; 1.54 90000°; NP2:0.299 60000°, 0.87 10000°, 1.25 60000°...
NEIC 01 19:22:05.2, 1.4 3.25S: 148.65E, h10km, mb5.7/55, Ms 20.5/9.6/1, Mwmp6.1/45, Error ellipse: s-maj=11.3km s-min=7.7km az=220.0...
NEIC 01 19:22:05.2, 3.19S: 148.64E, h10km GFZ 01 19:22:07.3, 3.30S: 148.65E, h18km, Mw6.0/71, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mn:-0.22; M0:0.85; M0:-0.63; M0:0.24; M0:0.80; M0:-0.00; Fault plane solution: Mo1.13235x10^18 NP1: 0.111 26711°, 0.89 26366°, 1.11 19532°. NP2:0.21 1237°, 0.78 80562°, 1.19 24938°. Principal axes: T 1.2316, Plg8.4162°, Azm336.7435°, N -0.2357, Plg78.7808°, Azm114.9822°, P -0.9960, Plg7.3650°, Azm245.6477°; GFZ 01 19:22:07.3, 0.1, 3.2S: 149.13E, h10km, Ms5.9/91, mb5.5/91...
GCMT 01 19:22:10.0, 3.26S: 148.70E, h12km, Mw6.1/76, Moment Tensor Solution. s160, c322; s176, c648; Duration: 2s6 Moment tensor: Scale 10^18Nm; Mn:-0.08±.01; M0:1.09±.01; M0:-1.01±.01; M0:0.15±.02; M0:1.09±.01; M0:0.09±.02; Best double couple: Mo1.52300x10^18 NP1:0.112 00000°, 0.85 00000°, 1.4 00000°. NP2:0.22 00000°, 0.86 00000°, 1.175 00000°. Principal axes: T 1.5720, Plg6.0000°, Azm337.0000°; N -0.1000, Plg84.0000°, Azm166.0000°; P -1.4740, Plg1.0000°, Azm67.0000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface/rail/waves, cutoff=50s. Triangular moment-rate function...
DJA 01 19:22:11.6, 0.4, 3.2S: 149.13E, h40km, Mw6.0/93, Mb6.3/67, mb5.5/93, MLV6.2/4, Mw6.2/13, Mw(mB)6.0/67, MwMwp6.1/6, Mwp6.1/6...
NEIC 01 19:22:16.5, 3.19S: 148.64E, h12km, Moment Tensor Solution. Duration: 5s5 Moment tensor: Scale 10^18Nm; Mn:-0.20; M0:1.07; M0:-0.87; M0:-0.53; M0:0.98; M0:0.53; Fault plane solution: Mo1.58000x10^18 NP1: 0.205 26000°, 0.63 79000°, 1.167 86000°. NP2: 0.199 83000°, 0.79 12000°, 1.26 73000°. Principal axes: T 1.5304, Plg10.0000°, Azm160.0000°; N 0.0949, Plg1.0000°, Azm269.0000°; P -1.6253, Plg6.0000°, Azm65.0000°...
ISC 01 19:22:07.6, 0.2, 3.23S: 148.70E, h18km, n1400, 0191/1013, mb5.5/303, MS5.9/419, 30C-8D, Bismarck Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various numerical values. Includes stations like GENE Genyem, COEN Coen, TATA Tatamba Isabel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various numerical values. Includes stations like RMQ Roma, KNRA Kunurra, AUBSH Beerwah Station, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various numerical values. Includes stations like MANU Manus Island, BULLU Kimbe, H40PG Keravat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various numerical values. Includes stations like GENE Genyem, COEN Coen, TATA Tatamba Isabel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various numerical values. Includes stations like RMQ Roma, KNRA Kunurra, AUBSH Beerwah Station, etc.

POHA	Pohakuloa	59.32	65	IAMS_20	IAMS_20	19 53 36.4			
MORE	Moreh	59.49	301	P	P	19 32 08.1	-1.9		
ZEZ	Zeya	59.53	345	eP	pmx	19 32 10.5	+0.8		
ZEA	comp=Z,600nm,4.6s			pmx	pmx				
ZEA	comp=N,10.0nm,1.4s								
ZEA	comp=Z,70nm,1.5s			pmx	pmx				
IMP	Imphal	59.99	301	eP	IAMB	19 32 13.7	+0.1		
IMP	comp=Z,143nm,1.8s					19 32 20.9			
MOKO	MOKOCHONG	60.02	303	eP	IAMB	19 32 14.9	+1.0		
MOKO	comp=Z,91nm,1.3s					19 32 21.4			
KOHI	KOHIMA	60.16	302	eP	P	19 32 15.3	+0.5		
SILR	SILCHAR	60.95	301	eP	LR	19 32 21.4	+1.4		
BRDH	Bariahdhala	61.31	298	LR	LR	19 59 13.2			
TEZP	TEZPUR	61.57	303	eP	P	19 32 24.0	-0.2		
TEZP	comp=Z,3um,19.3s,baz=120,slow=36					19 32 30.5			
GT2A	Gaotai	61.83	319	P	S	19 32 26.9	+1.0		
GT2A	comp=Z,20nm,1.2s			pmx	pmx	19 32 32.3	+0.7		
GT2A	comp=Z,1um,8.6s			L	L	19 40 50.1	+1.3		
GT2A	comp=Z,4um,21.0s			L	L				
GT2A	comp=Z,8um,21.0s			L	L				
SHL	Shilong	62.00	301	P	pmx	19 32 25.4	-1.9		
SHL	comp=Z,187nm,1.8s								
SHL	SNR=19	62.00	301	P	P	19 32 28.2	+0.9		
SHL	Shilong	62.00	301	P	P	19 32 25.4	-1.9		
SHL	Shilong	62.00	301	eP	IAMB	19 32 27.9	+0.6		
SHL	comp=Z,24nm,0.9s					19 32 35.0			
KIWB	Kanaga Island	62.05	23	P	P	19 32 23.5	-1.6		
PPT	Papeete	62.09	108	P	P	19 32 29.0	+1.1		
PPT	comp=Z,55nm,1.0s,baz=241,slow=11,SNR=5.8			LR	LR	19 56 45.9			
PPT	comp=Z,2um,18.3s,baz=264,slow=34								
PPT	Papeete	62.09	108	P	P	19 32 29.0	+1.1		
PPTF	Pamatat, Papee	62.11	108	P	P	19 32 32.0	+4.7		
PPTF	comp=Z,133nm,1.3s								
ADK	Adak	62.26	23	P	P	19 32 31.7	+3.4		
ADK	comp=Z,86nm,1.5s								
ADK	Adak	62.26	23	P	pmx	19 32 27.3	-1.0		
ADK	comp=Z,434nm,1.5s								
ADK	Adak	62.26	23	P	P	19 32 27.3	-1.0		
ADK	comp=Z,186nm,1.5s					19 32 31.3	+2.9		
GUWA	GUWAHATI	62.36	302	eP	IAMB	19 32 29.8	+0.3		
GUWA	comp=Z,60nm,1.6s					19 32 37.1			
ULN	Ulanbaatar	62.55	330	eP	pmx	19 32 30.6	0.0		
ULN	comp=Z,173nm,2.5s								
ULN	Ulanbaatar	62.55	330	P	S	19 32 32.0	+1.4		
ULN	Ulanbaatar	62.55	330	P	S	19 41 01.0	+3.4		
ULN	Ulanbaatar	62.55	330	P	IAMB	19 32 29.3	-1.3		
ULN	Ulanbaatar	62.55	330	P	IAMB	19 32 34.7			
ULN	comp=Z,100nm,1.4s								
ULN	Ulanbaatar	62.55	330	IAMS_20	IAMS_20	19 58 47.2			
ULN	comp=Z,7um,20.0s								
ULN	Ulanbaatar	62.55	330	P	P	19 32 31.9	+1.4		
ULN	comp=Z,266nm,2.3s								
ULN	Ulanbaatar	62.55	330	P	LR	19 32 32.0	+1.4		
MA2	Magadan	62.63	1	LR	LR	20 01 07.0	+3.4		
MA2	comp=Z,5um,18.3s,baz=184,slow=38								
MA2	Magadan	62.63	1	P	P	19 32 31.1	+0.4		
MA2	comp=Z,71nm,1.3s								
MA2	Magadan	62.63	1	ceP	pmx	19 32 29.9	-0.8		
MA2	comp=Z,109nm,1.7s								
MA2	Magadan	62.63	1	P	IAMB	19 32 29.3	-1.3		
MA2	comp=Z,124nm,1.4s					19 32 37.0			
MA2	Magadan	62.63	1	P	IAMS_20	19 54 51.4			
MA2	comp=Z,9um,22.0s								
TAWA	Tawang	62.68	303	eP	IAMB	19 32 33.0	+0.9		
TAWA	comp=Z,63nm,1.3s					19 32 36.5			
SONM	Songino Array	62.86	329	P	P	19 32 33.7	+1.1		
SONM	comp=Z,26nm,1.1s,baz=144,slow=6,1,SNR=32								
SONM	comp=Z,7um,19.6s,baz=122,slow=36					20 00 20.1			
SONM	comp=Z,4.3nm,1.3s,baz=280,slow=4.2,SNR=5.4			PKP2bc	P/P/bc	20 01 46.5	+5.5		
SONM	comp=Z,26nm,1.1s								
SONM	Songino Array	62.86	329	P	IAMB	19 32 31.4	-1.2		
SONM	comp=Z,56nm,1.2s					19 32 36.6			
GOMU	GeErliu	63.70	313	P	pP	19 32 39.3	+0.6		
GOMU	comp=Z,1um,19.3s					19 32 43.4	-0.6		
GOMU	comp=Z,8um,19.3s					19 32 47.3	+1.0		
GOMU	comp=Z,14um,19.1s					19 41 14.8	+1.9		
DHUB	DHUBRI	63.75	301	eP	IAMB	19 32 39.4	+0.6		
DHUB	comp=Z,26nm,0.9s					19 32 46.5			
LSA	Lhasa	63.99	305	fP	S	19 32 38.0	-2.9		
LSA	comp=Z,25nm,1.9s					19 41 14.9	-2.0		
LSA	comp=Z,2um,21.2s			L	L				
LSA	comp=Z,3um,24.8s			L	L				
LSA	comp=Z,5um,26.6s			L	L				
LSA	Lhasa	63.99	305	P	P	19 32 44.0	+3.1		
COBR	COCHBEHAR	64.30	301	eP	P	19 32 43.7	+1.4		
JPG	JALPAICURI	65.01	301	eP	P	19 32 49.5	+2.5		
BWNR	Bhubaneshwar	65.92	294	eP	IAMB	19 33 54.1	+1.1		
BWNR	comp=Z,81nm,1.3s					19 33 01.2			
SEY	Seymchan	66.04	2	LR	LR	20 03 10.9			
SEY	comp=Z,18.6s,baz=177,slow=37								
SEY	Seymchan	66.04	2	cP	pmx	19 32 53.1	+0.2		
YAK	Yakutsk	66.69	350	LR	LR	20 00 46.6			
YAK	comp=Z,4um,21.5s,baz=149,slow=6								
YAK	Yakutsk	66.69	350	ceP	pmx	19 32 55.9	-1.2		
YAK	comp=Z,168nm,1.7s								
YAK	Yakutsk	66.69	350	P	P	19 32 55.6	-1.5		
YAK	comp=Z,28nm,2.2s					19 58 44.6			
YAK	Yakutsk	66.69	350	IAMS_20	IAMS_20				
YAK	comp=Z,8um,21.0s								
YAK	Yakutsk	66.69	350	P	P	19 32 57.7	+0.6		
JMUJ	Jomjol	66.70	299	eP	P	19 32 59.0	+1.0		
BOK	Bokaro	66.71	297	eP	P	19 33 00.2	+2.2		
TYL	Talaya	66.71	331	LR	LR	20 00 00.9			
TYL	comp=Z,8um,21.6s,baz=127,slow=34								
TYL	Talaya	66.71	331	ceP	pmx	19 32 58.3	+0.8		
TYL	comp=Z,26nm,1.3s								
TYL	Talaya	66.71	331	P	P	19 32 57.4	-0.1		
TYL	comp=Z,1um,19.3s					19 41 51.6	+3.0		
TYL	Talaya	66.71	331	S	IAMB	19 32 55.8	-1.7		
TYL	comp=Z,19nm,1.0s					19 33 19.1			

TLY	comp=Z,40nm,1.2s								
TLY	Talaya	66.71	331	P	P	19 32 59.0	+1.5		
IRK	Irkutsk	66.78	332	eP	pmx	19 32 57.9	0.0		
IRK	comp=Z,166nm,2.8s								
BOD	Bodaibo	66.92	341	eP	pmx	19 32 58.8	+0.2		
BOD	comp=Z,95nm,1.7s								
GAYA	Gaya	67.55	298	eP	P	19 33 05.4	+2.1		
RAGD	RAYAGADA	67.87	292	eP	IAMB	19 33 06.0	+0.5		
RAGD	comp=Z,51nm,1.2s					19 33 16.0			
UNV	Unalaska Valle	67.99	27	P	P	19 33 07.6	+2.1		
UNV	comp=Z,46nm,1.4s								
UNV	Unalaska Valle	67.99	27	P	IAMB	19 33 03.0	-2.4		
UNV	comp=Z,124nm,1.5s					19 33 12.9			
UNV	comp=Z,6um,20.0s					20 01 49.9			
MOY	Mondy	68.00	330	eP	pmx	19 33 07.0	+1.2		
MOY	comp=Z,232nm,2.3s								
CASY	Casey	68.36	196	P	IAMB	19 33 05.9	-1.7		
CASY	comp=Z,85nm,1.5s					19 33 12.4			
CASY	Casey	68.36	196	P	P	19 33 05.9	-1.7		
AKUT	Akut	68.51	27	P	P	19 33 11.1	+2.4		
AKUT	comp=Z,32nm,1.4s								
SPIA	Saint Paul Isl	68.71	23	P	P	19 33 12.9	+3.0		
SPIA	comp=Z,159nm,1.4s								
SPIA	Saint Paul Isl	68.71	23	IAMS_20	IAMS_20	19 57 53.6			
SPIA	comp=Z,78nm,1.4s								
KNGR	Kungturtug, Tuv	69.17	328	dP	pmx	19 33 15.2	+2.1		
KNGR	comp=Z,6um,22.0s								
VAR	Varanasi	69.63	298	eP	P	19 33 17.9	+1.6		
BLSP	Bilaspur	69.64	295	eP	IAMB	19 33 16.2	-0.2		
BLSP	comp=Z,56nm,1.2s					19 33 24.0			
ALBI	Allahabad	70.66	298	eP	P	19 33 23.1	+0.3		
ALBI	Salem	71.67	283	eP	IAMB	19 33 26.9	+0.2		
ALBI	SALM					19 33 36.9			
SDPT	Sand Point	71.68	28	P	P	19 33 30.3	+2.1		
SDPT	comp=Z,67nm,1.2s								
CNBA	Chernabura Isl	71.79	29	P	IAMB	19 33 28.3	-0.5		
CNBA	comp=Z,93nm,1.3s					19 33 36.2			
CHNA	Chernabura Isl	71.80	29	P	P	19 33 31.0	+2.1		
CHNA	comp=Z,69nm,1.1s								
LNK	Lucknow	71.82	299	eP	P	19 33 30.4	+0.8		
LNK	Varanasi	71.84	318	fP	P	19 33 30.7	+1.2		
WMQ	Wujue	71.84	318	fP	pP	19 33 36.3	-0.4		
WMQ	comp=Z,34nm,1.3s					19 33 51.3	+3.0		
WMQ	Wujue	71.84	318	pP	S	19 42 52.2	+2.7		
WMQ	Wujue	71.84	318	S	pmx				
WMQ	comp=Z,8.0nm,0.9s								
WMQ	comp=Z,900nm,4.1s								
WMQ	comp=Z,4um,18.5s			L	L				
WMQ	comp=Z,2um,17.9s			L	L				
WMQ	comp=Z,3um,21.7s			L	L				
BND	BANDA	72.02	298	eP	P	19 33 31.2	+0.3		
BND	Hyderabad	72.12	289	eP	P	19 33 31.2	-0.4		
HYB	Hyderabad	72.12	289	eP	P	19 33 28.8	-2.9		
HYB	Hyderabad	72.12	289	eP	ceP	19 33 47.7	-2.4		
HYB	Hyderabad								

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 20 03 29.0).

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., ARSB, Arslanbob, Meade River).

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., WRAK, Wrangell Islan, South Pole Qui).

MLIM	Lincoln Peak	0.47 210	Pg	19 32 39.5 +0.5
MLIM	Lincoln Peak	0.47 210	Pg	19 32 39.7 +0.7
MINS	Minaret Summit	0.48 215	Pg	19 32 39.3 +0.3
NV08	Mina Array Sit	0.48 41	Pg	19 32 39.8 +0.8
NV08	Mina Array Sit	0.49 37	Sb	19 32 46.9 -1.3
NV09	Mina Array Sit	0.49 37	Sb	19 32 47.4 -1.3
NV07	Mina Array Sit	0.49 42	Pb	19 32 40.2 -0.9
NV07	Mina Array Sit	0.50 40	Sb	19 32 47.7 -1.0
NV04	Mina Array Sit	0.50 40	Sb	19 32 40.3 -0.8
NV04	Mina Array Sit	0.50 40	Sb	19 32 48.8 0.0
MMPM	Mammoth Pass	0.50 210	Pg	19 32 39.3 +0.1
MMPM	Mammoth Pass	0.50 210	Pg	19 32 39.7 +0.3
MDPB	Devils Postpil	0.50 215	Pg	19 32 46.6 +0.5
MDPB	Devils Postpil	0.50 215	Pg	19 32 47.0 0.0
MDPB	comp=E,2um,0.6s		IAML	
MDPB	comp=N,2um,0.4s		IAML	
NV01	Mina Array Sit	0.50 40	Pg	19 32 40.3 +0.9
NVAR	Mina Array Bea	0.50 40	Pg	19 32 40.3 +0.8
NV03	Mina Array Sit	0.51 41	Pg	19 32 48.3 -0.8
NV03	Mina Array Sit	0.51 39	Sb	19 32 40.4 +0.8
NV02	Mina Array Sit	0.51 39	Pg	19 32 48.1 -1.1
NV02	Mina Array Sit	0.51 43	Pb	19 32 40.5 -0.9
NV06	Mina Array Sit	0.51 43	Pb	19 32 49.0 -0.2
NV06	Mina Array Sit	0.52 40	Pb	19 32 40.8 +0.5
NV05	Mina Array Sit	0.52 40	Sb	19 32 48.9 -0.7
COLR	Columbus	0.53 79	Pb	19 32 41.1 -0.7
COLR	Columbus	0.53 79	Sb	19 32 49.1 -0.7
MCDM	Chidago Canyon	0.54 156	Pb	19 32 41.1 -0.8
NV11	Mina Array Sit	0.59 49	Pg	19 32 41.9 -0.8
NV11	Mina Array Sit	0.59 49	Sg	19 32 49.9 +1.2
NV11	Mina Array Sit	0.59 49	Sg	19 32 50.6 0.0
MFMB	Five Bridges	0.66 160	Pb	19 32 43.2 -0.6
WTJM	Tungsten Hills	0.70 170	Pg	19 32 43.7 +0.8
WAKR	Walker	0.73 309	Pg	19 32 44.1 +0.3
WAKR	Walker	0.73 309	Sg	19 32 54.0 +0.7
WAKR	Walker	0.73 309	Sg	19 32 54.4 0.0
KCC	comp=N,756nm,0.6s		IAML	
KCC	Kaiser Creek	0.86 214	Pg	19 32 46.3 0.0
DSP	Deep Springs	0.90 138	Pg	19 32 47.5 -0.3
MMIM	Miami Mountain	1.03 233	Pg	19 32 49.2 -0.3
TIN	Tinemaha, Big	1.06 159	Pg	19 32 50.3 +0.1
TIN	Tinemaha, Big	1.06 159	Pg	19 32 50.7 0.0
KVN	comp=N,571nm,0.6s		IAML	
TPH	Topnah	1.11 26	Pg	19 32 51.1 0.0
TPH	Topnah	1.18 88	Pg	19 32 52.6 -0.2
TPH	Topnah	1.18 88	Pg	19 32 53.7 0.0
TPH	comp=N,780nm,0.6s		IAML	
TPH	Topnah	1.18 88	Pg	19 32 53.7 0.0
BUCR	Buckhorn Ranch	1.19 252	Pg	19 32 51.9 -0.8
PNTR	Pine Nut	1.25 37	Pg	19 32 53.5 -0.3
FRI	Friant	1.31 217	Pg	19 32 54.4 -0.4
WHDM	Hidden Dam	1.32 226	Pg	19 32 54.4 -0.4
CMB	Columbia Colle	1.32 270	Pg	19 32 54.0 -0.9
CMB	Columbia Colle	1.32 270	IAML	
GMN	Gold Mountain	1.37 122	Pg	19 32 56.4 +0.3
GMN	Gold Mountain	1.37 122	Pg	19 32 58.9 0.0
GMN	comp=N,597nm,0.6s		IAML	
GMN	Gold Mountain	1.37 122	Pg	19 32 58.9 0.0
GMN	Gold Mountain	1.37 122	Pg	19 32 58.9 0.0
LEGD	La Grand CA	1.41 234	Pn	19 32 56.1 0.0
Q09A	Carvers	1.44 56	Pg	19 32 57.4 0.0
KARE	Kearney REC, C	1.58 204	Pg	19 32 59.3 +0.1
MPK	Martis Peak	1.62 321	Pg	19 32 59.5 +0.3
MPK	Martis Peak	1.62 321	Pg	19 32 60.3 +0.1
WELL	Weller Preserv	1.63 285	Pb	19 32 59.8 -0.5
WELL	Weller Preserv	1.63 285	IAML	
WELL	Weller Preserv	1.63 285	IAML	
CGO	Cerro Gordo	1.66 154	Pb	19 33 00.8 -0.2
CWC	Cottonwood Cre	1.68 162	Pb	19 33 00.9 -0.4
PAHR	Pah Rah Range	1.74 343	Pg	19 33 01.5 +0.7
PAHR	Pah Rah Range	1.74 343	IAML	
PAHR	Pah Rah Range	1.74 343	IAML	
PAHR	comp=N,239nm,0.6s		IAML	
PAHR	Pah Rah Range	1.74 343	IAML	
VOG	Valley Oaks Go	1.80 197	Pb	19 33 03.3 +0.1
DONR	Donner Summit	1.81 317	Pb	19 33 03.3 +0.1
PEAR	Peavine Mounta	1.84 328	Pb	19 33 03.3 -0.8
SPG2	Springville 2	1.84 311	Pb	19 33 04.0 +0.1
YUBA	Cisco Grove, Y	1.92 313	Pb	19 33 05.6 +0.1
AFDM	Forest Hills D	1.99 298	Pn	19 33 04.6 +0.5
AFDM	Forest Hills D	1.99 298	IAML	
AFDM	Forest Hills D	1.99 298	IAML	
AFDM	comp=E,199nm,0.7s		IAML	
AFDM	Forest Hills D	1.99 298	IAML	
MFS	McCloud Flat S	2.04 160	Pb	19 33 08.1 +0.6
WCT	Wildcat Mounta	2.08 126	Pn	19 33 06.1 +0.7
WCT	Wildcat Mounta	2.08 126	IAML	
WCT	Wildcat Mounta	2.08 126	IAML	
MTOS	Mit Oso, Westle	2.14 256	Pb	19 33 08.8 -0.2
BMSM	Mercy Hot Spri	2.18 231	Pg	19 33 09.0 -0.4
FURC	Furnace Summit	2.18 136	Pg	19 33 07.9 +1.1
JRC2	Jerosha Ridge	2.18 160	Pg	19 33 10.8 -0.8
MPMC	Manual Prospec	2.21 153	Pn	19 33 08.2 +0.8
SLD	San Luis Dam	2.21 245	Pn	19 33 09.4 -0.9
VES	Vestal, Richgr	2.22 188	Pn	19 33 08.1 +0.9
VES	Vestal, Richgr	2.22 188	IAML	
YES	Vestal, Richgr	2.22 188	IAML	
YES	comp=N,188nm,0.7s		IAML	
YES	Vestal, Richgr	2.22 188	IAML	
YES	comp=E,207nm,0.9s		IAML	
BEKR	Beckworth	2.23 225	Pn	19 33 08.6 +1.1
BEKR	Beckworth	2.23 225	IAML	
BEKR	Beckworth	2.23 225	IAML	
BEKR	comp=E,109nm,0.5s		IAML	
CSTL	Corral Hollow	2.24 260	Pn	19 33 10.0 -0.7
TPNV	Topopah Spring	2.25 118	Pn	19 33 08.4 +0.6
TPNV	Topopah Spring	2.25 118	IAML	
TPNV	Topopah Spring	2.25 118	IAML	
CMMM	Mount Mocho	2.28 256	Pn	19 33 09.5 +1.3
WNMM	Nine Mile Cany	2.29 163	Pb	19 33 12.1 +0.5
ARN	Arnold Ranch	2.34 254	Pb	19 33 11.2 -1.2
SDH	Striped Hills	2.35 126	Pg	19 33 10.5 +1.3
TOW	Tower One	2.36 161	Pg	19 33 14.3 -0.7
BBGB	Big Mountain B	2.36 232	Pg	19 33 10.0 +0.7
GHS	Gilroy Hot Spr	2.37 247	Pn	19 33 11.8 -1.2
S11A	Rachel	2.38 99	Pb	19 33 10.2 +0.6
ISA	Isabella, Lake	2.39 175	Pg	19 33 13.6 +0.3
ISA	Isabella, Lake	2.39 175	IAML	
ISA	Isabella, Lake	2.39 175	IAML	
ISA	comp=N,109nm,0.3s		IAML	
ISA	Isabella, Lake	2.39 175	IAML	
AVNL	Avenal, CA USA	2.39 212	Pb	19 33 12.0 -1.2
CPY	CP-1	2.39 117	Pg	19 33 11.1 +1.4
MHC	Mount Hamilton	2.42 254	Pg	19 33 12.3 +1.3
MHC	Mount Hamilton	2.42 254	IAML	
MHC	Mount Hamilton	2.42 254	IAML	
MHC	comp=E,179nm,0.5s		IAML	
PMPB	Monarch Peak	2.47 223	Pn	19 33 11.5 +0.7
GWY	Greenwater Val	2.47 138	Pn	19 33 11.2 +0.3
GWY	Greenwater Val	2.47 138	IAML	
GWY	Greenwater Val	2.47 138	IAML	
GWY	comp=E,85nm,1.0s		IAML	
SRTC	Snort	2.47 161	Pg	19 33 16.3 -0.9
BJOM	Mount Johnson	2.51 236	Pb	19 33 14.2 -1.1
JCNB	Joaquin Canyon	2.51 214	Pb	19 33 14.4 -1.0
CALM	Calaveras Res.	2.51 257	Pg	19 33 13.9 -1.5
SAO	San Andreas Ge	2.52 240	Pb	19 33 15.5 0.0
TAC	Taylor Ranch	2.52 214	Pb	19 33 14.6 -1.0
PJFM	Heflinger Ranc	2.55 213	Pb	19 33 14.8 -1.1
QSM	Queen of Sheba	2.55 144	Pg	19 33 12.8 +0.1
QSM	Queen of Sheba	2.55 144	IAML	
QSM	Queen of Sheba	2.55 144	IAML	
QSM	comp=E,81nm,1.1s		IAML	
PSMT	Stockdale Moun	2.55 215	Pb	19 33 14.7 -1.4
PKD	Bear Valley Ra	2.56 215	Pg	19 33 12.7 +0.8
PKD	Bear Valley Ra	2.56 215	IAML	
PKD	Bear Valley Ra	2.56 215	IAML	
PKD	comp=N,90nm,1.2s		IAML	
PKD	Bear Valley Ra	2.56 215	IAML	
FRP	Fremont Peak	2.56 241	Pb	19 33 14.4 -1.8
PHPM	Hope Ranch	2.56 217	Pb	19 33 14.3 -1.8
GHB	Gold Hill	2.57 211	Pg	19 33 13.8 -1.3
PVCM	Vineyard Canyo	2.57 215	Pg	19 33 15.1 -1.3
ORV	Oroville	2.65 306	Pn	19 33 14.1 +1.0
ORV	Oroville	2.65 306	IAML	
ORV	Oroville	2.65 306	IAML	
ORV	comp=E,84nm,0.6s		IAML	
ORV	Oroville	2.65 306	IAML	
BMN	Battle Mountai	2.65 26	Pn	19 33 13.6 +0.3
BMN	Battle Mountai	2.65 26	IAML	
BMN	Battle Mountai	2.65 26	IAML	
BMN	comp=E,145nm,0.5s		IAML	

BMN	comp=N,134nm,0.5s		IAML	
CCCC	Chr Cany lake	2.74 156	Pn	19 33 15.9 +1.5
CCCC	Chr Cany lake	2.74 156	IAML	
CCCC	comp=N,75nm,1.4s		IAML	
HULI	Fort Hunter Li	2.85 226	Pn	19 34 17.0 +1.0
HULI	Fort Hunter Li	2.85 226	IAML	
HULI	comp=E,114nm,0.8s		IAML	
HULI	Fort Hunter Li	2.85 226	IAML	
SHOC	Shoshone, Teco	2.90 137	Pn	19 33 17.3 +0.7
CVS	Carmen Viney	2.96 277	Pn	19 33 17.5 0.0
CVS	Carmen Viney	2.96 277	IAML	
CVS	comp=N,67nm,0.7s		IAML	
PRN	Pahroc Range	2.98 101	Pn	19 33 18.8 +1.0
GSC	Goldstone, Bar	3.14 150	Pn	19 33 20.9 +1.0
GSC	Goldstone, Bar	3.14 150	IAML	
GSC	Goldstone, Bar	3.14 150	IAML	
GSC	comp=E,47nm,1.3s		IAML	
GDXM	Geysers	3.29 285	Pn	19 33 21.8 -0.3
HATC	Hat Creek Radi	3.49 323	Pn	19 33 25.1 +0.3
HATC	Hat Creek Radi	3.49 323	IAML	
HATC	Hat Creek Radi	3.49 323	IAML	
HATC	comp=N,51nm,1.4s		IAML	
HATO	Hato	3.49 323	IAML	
HATO	Hato	3.49 323	IAML	
HATO	comp=E,77nm,2.4s		IAML	
ELK	Elko	3.81 44	Pn	19 33 29.9 +0.5
ELK	Elko	3.81 44	IAML	
ELK	Elko	3.81 44	IAML	
ELK	comp=E,33nm,0.5s		IAML	
ELK	Elko	3.81 44	IAML	
QOQD	Mt. Diablo Mer	3.82 305	Pn	19 33 29.7 +0.4
MWC	Mount Wilson	3.85 172	IAML	
MWC	Mount Wilson	3.85 172	IAML	
MWC	comp=N,27nm,0.7s		IAML	
MWC	Mount Wilson	3.85 172	IAML	
MWC	Mount Wilson	3.85 172	IAML	
MWC	comp=E,30nm,1.6s		IAML	
PSUT	Pine Spring	3.86 81	Pn	19 33 30.8 +0.8
BFSO	Big Baldy Ra	3.89 167	Pn	19 33 31.3 +0.9
CCOR	Cedar City	4.27 95	Pn	19 33 36.0 +0.4
WCUT	Wild Horse Val	4.38 11	Pn	19 33 38.6 +1.5
WCUT	Wild Horse Val	4.38 11	IAML	
WCUT	Wild Horse Val	4.38 11	IAML	
WCUT	comp=N,51nm,1.4s		IAML	
WCUT	Wild Horse Val	4.38 11	IAML	
MDCZ	Shurtz Canyon	4.48 94	Pn	19 33 39.6 +1.0
MDCZ	Shurtz Canyon	4.48 94	Pn	19 33 40.8 +0.5
MDCZ	Shurtz Canyon	4.48 94	Pn	19 33 43.6 +1.0
MDCZ	Shurtz Canyon	4.48 94	Pn	19 33 45.1 +1.1
W13A	Hapalal Mount	4.67 126	Pn	19 33 45.7 +1.1
DUG	Dugway, Tooele	5.07 63	Pn	19 33 47.6 +1.1
DUG	Dugway, Tooele	5.07 63	IAML	
DUG	Dugway, Tooele	5.07 63	IAML	
DUG	comp=E,27nm,0.9s		IAML	
MTPU	Mount Pierson	5.16 88	Pn	19 33 49.1 +1.1
BGU	Big Grassy Mou	5.26 85	Pn	19 33 50.0 +0.8
U15A	North Rim	5.37 106	Pn	19 33 52.1 +1.2
SRU	San Rafael Swe	6.51 78	Pn	19 34 00.8 +1.7

BUI 01 19:45:45.9,23:68S:176:33W,h11km,mb5,1/28,M5.3/5, M5.7/5

MOS 01 19:45:46.5,1.1,22:88S:176:10W,h10km,mb5.4/35, M5.5/34, Error ellipse: s-maj=9.5km s-min=8.2km s-z=104.8

IDC 01 19:45:47.0,0.4,22:93S:176:37W,h0km,mb4.6/18, mbtmp4.6/19,ML5.0/1,MS4.9/37, Error ellipse: s-maj=17.4km s-min=14.5km az=111.0

GFZ 01 19:45:48.9,0.2,23:5.4:17:6W,h10km,M5.5/24, mb5.3/24

NEIC 01 19:45:49.3,1.6,22:81S:0:0:6:175:88W,h20km,3km, mb5.4/117,Ms_20.5/24,Mww5.6/19, Error ellipse: s-maj=11.1km s-min=9.2km az=109.0

GFZ 01 19:45:49.5,23:11S:176:08W,h18km,Mw5.5/30, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; M₁₁=0.67; M₂₂=1.07; M₃₃=0.40; M₁₂=0.05; M₁₃=2.03; M₂₃=0.37; Fault plane solution: M₂₂:32328x10¹⁷ Np1: q₁:349.28689°; δ₁:23323°; Principal axes: T 2.5633; Plg3.0907°, Azm35.5115°; N -0.5961, Plg75.4694°, Azm137.5359°; P -1.9671, Plg14.1839°, Azm304.7296°; GCMT 01 19:45:54.3,0.1,22:91

Table with columns: STKA, comp, JKA, KAMIKAWA-ASAHII, 76.78 331, P, P, 19 57 41.2 +2.7, ELIB, PRINCESS ELISA, 84.48 186, dP, P, 19 58 19.9 +0.2

Table with columns: ASAJ, ASAHIIKAWA, 76.78 331, LR, LR, 20 28 16.4, HYO, HOME, 84.81 192, P, P, 19 58 20.0 0.0

Table with columns: N17K, PRINCESS ELISA, 84.48 186, dP, P, 19 58 19.9 +0.2, N17K, NUSHAGAK HILLS, 84.52 9, P, P, 19 58 30.2

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like NEHRU, MORCV, MORCV, MORCV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like WOTA, MOTA, OBKA, SOTA, SOTA, MYKA, MYKA, DAVA, DAVA, ABTA, ABTA, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like URKR, URKR, URKR, URKR, URKR, URKR, etc.

1d 21h

Table with columns: TZTm, Iamb, Iamb, 20 13 14.1, TXAR, Lajitas Array, 35.67 296 P, P, 20 14 51.1 -0.9

Main table of station data for the first section, including station names like Pan de Azucar, Maricunga, IPOC Station P, etc.

ADC 01 20:20:44.1-28.0, 22.78S, 177.90W, h132km, 180km, mb3.0/2, mbtmp3.5/3, ML4.8/1, Error ellipse: s-maj=313.1km s-min=46.1km az=135.0, South of Fiji Islands

Table of station data for the second section, including stations like Nonsavu, Alice Springs, Warramunga Arr, etc.

ADC 01 20:26:43.0-1.1, 3.30S, 148.78E, h0km, mb3.9/12, mbtmp3.9/13, ML1.9/1, MS4.1/1, Error ellipse: s-maj=38.3km s-min=15.5km az=102.0

Main table of station data for the third section, including stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

AZER 01 20:43:50.5, 38.18N, 48.08E, h3km, ml2.4 TEH 01 20:43:51.6, 38.08N, 48.01E, h7km, 72km, ML2.8, Presumed earthquake

Table of station data for the fourth section, including stations like Sarab, Lerik, Astar, etc.

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Table of station data for the fifth section, including stations like Yardimli, Lenkeran, Azer, Hashtrud, Caspian, etc.

ADC 01 21:00:58.9-1.3, 4.36S, 142.59E, h99km, 12km, mb3.7/9, mbtmp4.2/13, MS4.0/2, Error ellipse: s-maj=16.4km s-min=10.7km az=59.0

NEIC 01 21:00:59.4-1.4, 4.32S, 0.08-142.56E, 0.08, h102km, 6km, mb4.2/27, Error ellipse: s-maj=12.7km s-min=9.7km az=222.0

ISC 01 21:00:59.3-0.6, 4.35S, 0.07-142.56E, 0.07, h105km, n53, 0.6756/54, mb4.2/21, New Guinea

Main table of station data for the sixth section, including stations like Jayapura, Port Moresby, Warramunga Arr, etc.

Main table of station data for the seventh section, including station names, coordinates, and various parameters.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PDGK, EKSS, KTBS, USP, and others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SMLA, CGRH, LGTI, GANAUR, and others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MORE, RAGD, LZH, and others.

2d 0h

Table with columns for station code, name, time, and various parameters. Includes stations like NRK, MORC, KRLC, etc.

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Table with columns for station code, name, time, and various parameters. Includes stations like MORC, KRLC, ARS, etc.

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Table with columns for station code, name, time, and various parameters. Includes stations like IMAR, K20K, M17K, etc.

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, and ISC. Includes stations like DMDM, PSMG, PSKH, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Bigot, Morne Pois Mar, Morne la Roset, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Nana, Nana, Siv, Ignacio, Paz, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Zonda, Thunder Bay, EROS Data Cent, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like E0S4, E0S3, YONG, etc.

SOME 02 00:23:53.5, 42.12N, 80.78E, h20km
NNC 02 00:23:54.0, 7.0, 42.11N, 81.00E, h0km, mb2.9, mpv2.5,
Error ellipse: s-maj=54.4km s-min=28.0km az=2.0
ISC 02 00:23:52.6, 2.8, 42.0N, 0.1x-80.61E, 0.08, h10km, n8,
c203/16, 2C-3D, Southern Xinjiang

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

IDC 02 00:32:56.0, 1.2, 10.20N, 140.66E, h0km, mb3.7/8,
mbtmp3.7/8, Error ellipse: s-maj=42.9km s-min=21.0km
az=84.0

ISC 02 00:33:00.5, 1.2, 10.22N, 0.1x-140.6E, 0.3, h26km, n15,
r136/10, mb3.8/8, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAY, H1S3, H1S1, etc.

TAP 02 00:46:53.8, 23.82N, 122.85E, h48km, ML3.0, D
JMA 02 00:46:53.1, 0.1, 23.8N, 0.7x-122.9E, 0.5, h52km, MV2.6/13,
NEAR ISHIGAKI/JIMA ISLAND

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like E0S4, E0S3, YONG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YOJ, YOY, E0S3, etc.

ISC 02 01:02:06.4, 38.60N, 44.49E, h6km, ML2.7/13
AZER 02 01:02:07.0, 38.46N, 44.48E, h10km, ml3.1
AFAD 02 01:02:09.3, 38.40N, 44.34E, h9km, 2km, ML2.8
TEH 02 01:02:12.3, 38.41N, 44.70E, h10km, 63km, ML2.9,
Presumed earthquake

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

ISC 02 01:02:08.1, 1.2, 38.48N, 0.02x-44.35E, 0.02, h1km, 10km,
n68, r124/104, Turkey-Iran border region

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

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

UPA 02 01:18:27.5, 2.5, 10.11N, 84.12W, h16km, 72km, MW4.1,
Presumed earthquake
UCR 02 01:18:30.7, 0.9, 9.77N, 84.18W, h56km, 2km, MW4.2,
Presumed earthquake

CATAC 02 01:18:31.5, 0.2, 10.1N, 2.8W, h33km, 2km, M1.1/25,
ML4.1/25, Error ellipse: s-maj=5.3km s-min=2.3km
az=43.4, confirmed

ISC 02 01:18:32.4, 1.2, 9.76N, 0.03x-84.19W, 0.02, h46km, 4km,
n136, r190/177, 2C, Costa Rica

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

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PB12	IPOC Station P	6.45	338	Pn	02 29 54.4	0.0		
PB16	IPOC Station P	6.48	346	Pn	02 29 56.2	+0.9		
PB16	IPOC Station P	6.48	346	P	02 29 58.3	+3.0		
comp=Z,1.1nm,0.5s								
CO03	El Pedregal	6.67	202	Pn	02 29 56.0	-1.3		
CO03	El Pedregal	6.67	202	P	02 29 56.0	-1.3		
ZON	Zonda	6.91	186	Pn	02 30 00.8	+0.2		
ZON	Zonda	6.91	186	P	02 30 01.1	+0.5		
CFA	Coronel Fontan	6.94	183	P	02 30 01.6	+0.7		
comp=Z,7.9nm,0.3s,baz=19,slow=12,SNR=121								
CFA	Coronel Fontan	6.94	183	Sn	02 31 15.0	-3.3		
comp=Z,9.9nm,0.4s,baz=25,slow=21,SNR=7.7								
CO02	Combarbal	7.11	203	Pn	02 30 01.3	-1.9		
CO02	Combarbal	7.11	203	P	02 30 01.1	-2.2		
comp=Z,7.0nm,0.4s								
PB18	Visir	7.20	347	Pn	02 30 07.0	+2.0		
CO04	Los Peladeros	7.87	200	Pn	02 30 11.3	-2.4		
CO04	Los Peladeros	7.87	200	P	02 30 11.1	-2.7		
comp=Z,2.7nm,0.4s								
LPAZ	La Paz	8.33	358	P	02 30 21.0	+0.6		
comp=Z,12nm,0.3s,baz=174,slow=2.6,SNR=111								
LPAZ	La Paz	8.33	358	S	02 31 52.6	-0.5		
comp=Z,3.7nm,0.5s,baz=216,slow=25,SNR=2.0								
LPAZ	La Paz	8.33	358	LR	02 34 35.4			
comp=Z,4.6nm,2.1s,baz=147,slow=45								
LPAZ	La Paz	8.33	358	P	02 30 21.2	+0.9		
LPAZ	La Paz	8.33	358	eP	02 30 19.8	-0.6		
LPAZ	La Paz	8.33	358	P	02 30 23.1	+2.8		
comp=Z,1.7nm,0.5s								
VA03	San Esteban	8.43	196	Pn	02 30 20.1	-1.1		
VA03	San Esteban	8.43	196	P	02 30 19.7	-1.5		
comp=Z,2.6nm,0.7s								
PEL	Peidhue	8.82	196	Pn	02 30 24.7	-1.8		
MT08	Bocatomá Ro	8.97	192	Pn	02 30 28.6	0.0		
MT02	Curacav	9.05	198	P	02 30 25.9	-3.9		
MT16	CCHEH	9.06	195	Pn	02 30 27.8	-1.8		
MT05	Renca	9.07	196	Pn	02 30 27.6	-2.3		
MT03	Universidad Ad	9.12	194	Pn	02 30 29.3	-1.2		
MT13	San Alfonso	9.31	193	Pn	02 30 32.4	-0.7		
MT09	Tagua	9.50	196	Pn	02 30 32.2	-3.3		
VA05	Santo Domingo	9.51	199	Pn	02 30 31.8	-4.7		
BO04	La Punta	9.62	194	Pn	02 30 35.9	-1.2		
CPUP	Villa Florida	9.62	102	P	02 30 35.7	-1.5		
comp=Z,1.3nm,0.5s,baz=221,slow=11,SNR=8.6								
CPUP	Villa Florida	9.62	102	LR	02 34 47.3			
comp=Z,5.8nm,2.1s,baz=259,slow=40								
MT01	Popeta	9.65	197	Pn	02 30 33.9	-3.8		
MURT	Porto Murthino	9.85	74	eP	02 30 40.5	+0.1		
BBSD	Serra de San D	10.02	44	Pn	02 30 40.8	-2.0		
CO12	Forte Coimbra	10.41	65	eP	02 30 47.2	-0.0		
BO02	Sierra Bellav	10.43	193	Pn	02 30 47.0	-2.0		
SJPY	San Joaquin	10.64	94	eP	02 30 51.5	+0.4		
SIV	San Ignacio	10.69	38	Pn	02 30 49.7	-2.1		
comp=Z,1.6nm,0.5s,baz=210,slow=11,SNR=8.2								
SIV	San Ignacio	10.69	38	S	02 32 43.8	-5.7		
comp=Z,3.4nm,0.7s,baz=134,slow=24,SNR=1.9								
AQDB	Aquidauana	11.94	72	Pn	02 31 05.9	-2.5		
AQDB	Aquidauana	11.94	72	eP	02 31 06.2	-2.2		
PTLB	Pontes e Lacer	12.26	43	Pn	02 31 11.1	-1.4		
PTLB	Pontes e Lacer	12.26	43	eP	02 31 09.1	-3.5		
BIO2	San Fabín de	12.33	193	Pn	02 31 11.7	-1.9		
VILB	Vilhena	13.68	33	Pn	02 31 30.1	-1.1		
VILB	Vilhena	13.68	33	eP	02 31 29.7	-1.5		
PP1B	Ponte de Pedra	13.96	62	eP	02 31 33.7	-1.0		
CPSB	Cacapava Do Su	13.98	117	Pn	02 31 37.5	-1.7		
CPSB	Cacapava Do Su	13.98	117	eP	02 31 37.7	-1.9		
TRC6	Terra Ricos	14.03	86	eP	02 31 37.6	+0.3		
TROA	Torqu coast	14.26	161	Pn	02 31 37.5	-0.9		
SALV	Santo Antonio	14.31	55	eP	02 31 37.7	-1.6		
PTGB	Pitanga	14.32	94	eP	02 31 41.1	+1.7		
ITAB	Concordia	14.34	104	eP	02 31 41.9	-1.3		
GO06	Curarehue	15.20	191	Pn	02 31 49.9	-0.7		
GO06	Curarehue	15.20	191	IAMB	02 31 55.0			
comp=Z,1.8nm,1.1s								
LDASE	Londrina, Braz	15.51	89	eP	02 31 52.1	+0.2		
CNLB	Canela	15.81	111	eP	02 31 59.0	+0.9		
LR05	Currie	15.95	192	eP	02 32 01.5	+0.8		
LR05	Currie	15.95	192	IAMB	02 32 11.0			
comp=Z,3.1nm,1.1s								
PLCA	Paso Flores	16.20	187	P	02 32 04.4	+0.6		
comp=Z,2.2nm,0.9s,baz=17,slow=15,SNR=3.6								
FRTB	Fartu	16.16	62	eP	02 32 09.3	-0.2		
ARAG	Araguaiana, MT	17.45	62	eP	02 32 16.0	-1.7		
CLDB	Colider	17.84	42	eP	02 32 20.4	-1.6		
BB19B	Bebedouro	18.13	83	eP	02 32 24.8	-0.5		
PE101	Ihanhema-SP	18.70	93	eP	02 32 31.9	+0.5		
RLCL	Rio Claro- Sao	18.73	87	eP	02 32 31.5	-0.3		
GO07	Miladeo Hill	19.03	197	Pn	02 32 35.7	+0.9		
VAO	Valhinhos	19.15	89	eP	02 32 36.3	0.0		
IPMB	Ipameri, GO	19.42	74	eP	02 32 39.4	0.0		
SNDB	Serra Nova Dou	20.10	54	eP	02 32 45.1	-1.5		
CANS	Sao Roque de M	20.26	82	eP	02 32 48.1	-0.4		
BDFB	Brasília	20.62	68	eP	02 32 52.0	-0.4		
comp=Z,3.0nm,0.8s,baz=34,slow=11,SNR=3.7								
BDFB	Brasília	20.62	68	P	02 32 52.3	0.0		
PMNB	Patos De Minas	20.78	77	eP	02 32 53.1	-0.8		
BS0C	Boim Sucesso	21.54	85	eP	02 33 06.3	-1.0		
MACA	Manacapuru-AM	22.45	19	eP	02 33 09.7	-1.9		
MACA	Manacapuru-AM	22.45	19	eP	02 33 09.3	-2.2		
ITTB	Itaituba	23.28	32	eP	02 33 17.9	-1.7		
DIAM	Diamantina, MG	23.32	79	eP	02 33 19.2	-0.9		
JANB	Januária	24.05	71	eP	02 33 24.9	-1.7		
GO08	Vila O'Higgin	24.06	188	P	02 33 35.5	-0.8		
GO08	Vila O'Higgin	24.06	188	IAMB	02 33 30.4			
comp=Z,6.8nm,0.7s								
SDBA	SAO DESIDERIO	24.86	65	eP	02 33 32.3	-1.7		
SMTB	Santa Maria do	24.88	54	eP	02 33 33.9	-2.0		
PRPB	Parauapebas	25.21	46	eP	02 33 36.3	-0.6		
ARCA	Arcajutá, MT	25.56	77	eP	02 33 37.9	-0.6		
RIB01	Linhares ES	25.95	84	eP	02 33 42.3	-1.5		
MG05	Puerto Natales	27.22	186	P	02 33 55.0	+0.1		
GUA01	Guaratinga, BA	27.38	78	eP	02 33 56.0	-0.6		
BOA1	Boa Vista	27.80	16	eP	02 34 09.9	-0.6		
BOAV	Boa Vista	27.80	16	eP	02 34 06.6	+0.3		
NBPS	Pedro II - PI	32.39	56	eP	02 34 39.9	-1.1		
VNA1	Neumayer-Stat	56.99	160	P	02 37 56.5	+1.5		
comp=Z,6.8nm,0.8s								
VNA2	Neumayer-Watz	57.36	160	P	02 37 58.7	+1.1		
comp=Z,9.5nm,0.5s,baz=280,slow=6.8								
SNA4	Sanae	58.98	160	P	02 38 09.9	+0.8		
comp=Z,7.4nm,0.4s								
SNA4	Sanae	58.98	160	P	02 38 09.9	+0.8		
comp=Z,3.7nm,0.5s,baz=280,slow=9.5,SNR=21								
SNA4	Sanae	58.98	160	P	02 38 09.9	+0.8		
comp=Z,3.7nm,0.5s								
SNA4	Sanae	58.98	160	P	02 38 09.9	+0.8		
X58A	Rowland	59.89	349	P	02 38 14.9	-0.7		
JSC	Jenkinsville	59.99	347	P	02 38 15.8	-0.5		
JSC	Jenkinsville	59.99	347	IAMB	02 38 17.6			
comp=Z,5.5nm,1.1s								
LRAL	Lakeview Retre	60.21	341	P	02 38 17.4	-0.4		
LRAL	Lakeview Retre	60.21	341	IAMB	02 38 19.0			
comp=Z,3.4nm,1.1s								
TROLL	Troll, Antarti	60.70	160	P	02 38 22.1	+1.2		
833A	Chaparral WMA	60.82	328	P	02 38 21.9	-0.1		
833A	Chaparral WMA	60.82	328	IAMB	02 38 23.8			
Y49A	Blount Mountai	60.82	342	P	02 38 21.7	-0.3		
Y49A	Blount Mountai	60.82	342	IAMB	02 38 23.1			
comp=Z,2.5nm,0.7s								
V55A	Taylorville	61.50	348	P	02 38 26.7	+0.2		
V55A	Taylorville	61.50	348	IAMB	02 38 28.1			
comp=Z,4.8nm,1.0s								
X48A	Hartselle	61.55	342	P	02 38 26.6	-0.2		
X48A	Hartselle	61.55	342	IAMB	02 38 27.1			
comp=Z,4.1nm,0.7s								
V53A	Saluda	61.65	346	P	02 38 27.5	-0.1		
V53A	Saluda	61.65	346	IAMB	02 38 31.6			
comp=Z,2.5nm,1.1s								
W50A	Signal Mountai	61.79	344	P	02 38 28.2	-0.3		
CPCT	Cooper Cave	61.83	345	P	02 38 28.7	-0.1		
CPCT	Cooper Cave	61.83	345	IAMB	02 38 42.3			
comp=Z,3.3nm,1.1s								
TKL	Tuckaleechee C	61.86	345	P	02 38 27.7	-1.2		
TKL	Tuckaleechee C	61.86	345	IAMB	02 38 29.8			
comp=Z,4.0nm,1.0s								
SWET	Sewanee	61.97	343	P	02 38 29.6	-0.1		
V48A	Smith Brothers	62.70	343	P	02 38 34.6	+0.1		
CLTN	Cedars of Leba	62.90	343	P	02 38 35.9	+0.1		
CLTN	Cedars of Leba	62.90	343	IAMB	02 38 36.4			
comp=Z,2.0nm,0.7s								
BRDY	Brady	63.12	330	P	02 38 37.6	+0.2		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
WWT	Waverly	63.34	342	P	02 38 38.4	-0.4		
WWT	Waverly	63.34	342	IAMB	02 38 38.9			
comp=Z,4.1nm,0.7s								
SS4A	Dingess, Beckl	63.40	348	P	02 38 39.3	+0.1		
SS4A	Dingess, Beckl	63.40	348	IAMB	02 38 39.7			
comp=Z,3.2nm,0.5s								
R55A	Marlinton	63.66	349	P	02 38 42.1	+1.2		
R55A	Marlinton	63.66	349	IAMB	02 38 56.2			
comp=Z,4.8nm,1.0s								
TXAR	Lajitas Array	63.78	325	P	02 38 42.8	+0.8		
comp=Z,2.0nm,0.5s,baz=154,slow=7.9,SNR=8.0								
TXAR	Lajitas Array	63.78	325	P	02 38 42.5	+0.6		
TXAR	Lajitas Array	63.78	325	P	02 38 42.3	+0.3		
TXAR	Lajitas Array	63.78	325	P	02 38 41.9	0.1		
PARMO	Parma	64.40	341	P	02 38 46.0	+0.3		
FCAR	Ozark Fork Cen	64.45	348	P	02 38 45.5	-0.5		
Q54A	Coxs Mills	64.47	339	P	02 38 46.4	+0.4		
MNHN	Monahans	64.95	327	P	02 38 50.5	+1.0		
MNHN	Monahans	64.95	327	IAMB	02 38 51.1			
comp=Z,5.9nm,1.2s								
S44A	Carbondale	65.21	341	P	02 38 49.9	-1.0		
S44A	Carbondale	65.21	341	IAMB	02 39 01.3			
comp=Z,4.5nm,0.8s								
P52A	Corning	65.						

2d 3h

Table with columns: Station, Name, Time, Status, and other details. Includes stations like Nonsavu, Mamie plateau, Ouen Island, etc.

2020 AUG

Table with columns: Station, Name, Time, Status, and other details. Includes stations like Rata Peaks, Kincumber High, Roma, etc.

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Table with columns: Station, Name, Time, Status, and other details. Includes stations like Macquarie Isla, BCOO Buckleboo, BBOO Buckleboo, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like M44A Midewin, 352A Blakely, 553A Crawfordville, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like JMB Yambol, KECS Kecoov, KECS Kecoov, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like GERES GERESE Array B, WET Wetzell, GRA Grafenberg Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HAZ, TWGZ, RUGZ, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAVZ, WNVZ, WPHZ, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like OLKF, KU6, RAJF, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NSIT, EHD, TYC, WHYT, etc.

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

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

UCR 02 04:32:37.9.1.2.7:29N-81:88W, h39km, 231km, MW3.5, Presumed earthquake

UPA 02 04:32:37.4.1.1.7:43N-81:97W, h2km, 5km, MW3.5, Presumed earthquake

ISC 02 04:32:38.3.1.7.4:11N-0:08.81:93W, 0:03, h22km, 8km, n48, c154/61, 4C-1D, Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GMAL, CHIRS, CACAO, etc.

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

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

NEIC 02 04:35:03.4.2.0.4:54S:0:06:102:70E:0:07, h54km, 4km, az=50.0

GFZ 02 04:35:03.6.0.2.5:3:10:3E, h65km, M5.0/31, mb4.8/31

DJA 02 04:35:04.3.0.3.5:2:10:3E, h35km, 6km, M4.8/2, mb5.2/4, mb4.8/10, MLv4.9/42, Mw(mb)4.5/4, Mw/MLv4.9/1, Mw/5.2/1

IDC 02 04:35:08.8.2.1.4:25S:0:02:88E, h106km, 17km, mb4.3/25, mbmp4.6/26, MS3.4/4, Error ellipse: s-maj=19.14km s-min=8.2km az=49.0

ISC 02 04:35:03.4.0.6.4:60S:0:04:102:73E:0:04, h63km, 4km, n238, c119/246, mb4.9/38, 1C-2D, Southern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNAI, UBSI, EGGI, etc.

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

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

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC
h m s	ISC						
PB09	IPOC Station P	0.78	230	eP	Pn	06 01 57.9 +0.5	
PB09	IPOC Station P	0.78	230	eS	Pn	06 02 13.8 +0.5	
PB09	IPOC Station P	0.78	230	IAML	Pn	06 02 14.3	
IB09	IPOC Station P	0.78	230	eP	Pn	06 01 57.8 +0.5	
IB09	IPOC Station P	0.78	230	eS	Pn	06 02 13.2 -0.1	
IB09	IPOC Station P	0.78	230	IAML	Pn	06 02 14.8	
PB09	IPOC Station P	0.78	230	eP	Pn	06 01 57.8 +0.5	
PB09	IPOC Station P	0.78	230	eS	Pn	06 02 13.3 -0.1	
PB02	IPOC Station P	1.20	269	eP	Pn	06 02 01.3 +0.2	
PB02	IPOC Station P	1.20	269	eS	Pn	06 02 20.3 +0.2	
PB02	IPOC Station P	1.20	269	IAML	Pn	06 02 21.6	
PB02	IPOC Station P	1.20	269	eP	Pn	06 02 01.4 +0.2	
PB02	IPOC Station P	1.20	269	eS	Pn	06 02 21.0	
PB02	IPOC Station P	1.20	269	IAML	Pn	06 02 21.0	
PB02	IPOC Station P	1.20	269	eP	Pn	06 02 01.4 +0.2	
PB02	IPOC Station P	1.20	269	eS	Pn	06 02 19.4 -0.7	
PB08	IPOC Station P	1.26	336	eP	Pn	06 02 03.1 +1.1	
PB08	IPOC Station P	1.26	336	eS	Pn	06 02 22.7 +1.1	
PB08	IPOC Station P	1.26	336	IAML	Pn	06 02 26.5	
PB08	IPOC Station P	1.26	336	eP	Pn	06 02 03.1 +1.1	
PB08	IPOC Station P	1.26	336	eS	Pn	06 02 22.3 +0.6	
PB08	IPOC Station P	1.26	336	IAML	Pn	06 02 24.0	
PB08	IPOC Station P	1.26	336	eP	Pn	06 02 03.0 +0.9	
PB08	IPOC Station P	1.26	336	eS	Pn	06 02 22.0 +0.4	
PB07	IPOC Station P	1.27	250	eP	Pn	06 02 02.0 +0.1	
PB07	IPOC Station P	1.27	250	eS	Pn	06 02 21.5 +0.1	
PB07	IPOC Station P	1.27	250	IAML	Pn	06 02 21.9	
PB07	IPOC Station P	1.27	250	eP	Pn	06 02 02.1 +0.1	
PB07	IPOC Station P	1.27	250	eS	Pn	06 02 20.5 -0.9	
PB07	IPOC Station P	1.27	250	IAML	Pn	06 02 21.8	
PB07	IPOC Station P	1.27	250	eP	Pn	06 02 01.9 0.0	
PB07	IPOC Station P	1.27	250	eS	Pn	06 02 20.9 +1.2	
PB03	IPOC Station P	1.31	235	eP	Pn	06 02 02.4 +0.1	
PB03	IPOC Station P	1.31	235	eS	Pn	06 02 22.0 -0.2	
PB03	IPOC Station P	1.31	235	IAML	Pn	06 02 22.6	
PB03	IPOC Station P	1.31	235	eP	Pn	06 02 02.5 +0.1	
PB03	IPOC Station P	1.31	235	eS	Pn	06 02 22.3	
PB03	IPOC Station P	1.31	235	IAML	Pn	06 02 22.3	
PB03	IPOC Station P	1.31	235	eP	Pn	06 02 02.4 +0.1	
PB03	IPOC Station P	1.31	235	eS	Pn	06 02 21.1 -1.1	
PB06	IPOC Station P	1.67	212	eP	Pn	06 02 06.0 +0.4	
PB06	IPOC Station P	1.67	212	eS	Pn	06 02 29.2 -0.1	
PB06	IPOC Station P	1.67	212	IAML	Pn	06 02 30.3	
PB06	IPOC Station P	1.67	212	eP	Pn	06 02 06.6 +0.3	
PB06	IPOC Station P	1.67	212	eS	Pn	06 02 28.8 -0.6	
PB06	IPOC Station P	1.67	212	IAML	Pn	06 02 29.9	
AF01	San Pedro de A	1.70	167	eP	Pn	06 02 28.5 +0.7	
AF01	San Pedro de A	1.70	167	eS	Pn	06 02 25.5 -0.7	
GO01	Chusmiza	1.71	341	eP	Pn	06 02 08.0 +1.2	
GO01	Chusmiza	1.71	341	eS	Pn	06 02 08.3 +1.1	
GO01	Chusmiza	1.71	341	IAML	Pn	06 02 35.9	
GO01	Chusmiza	1.71	341	eP	Pn	06 02 07.9 +0.8	
GO01	Chusmiza	1.71	341	eS	Pn	06 02 31.4 +0.6	
GO01	Chusmiza	1.71	341	IAML	Pn	06 02 33.8	
GO01	Chusmiza	1.71	341	eP	Pn	06 02 08.1 +0.9	
TA02	Huaiquique	1.75	305	eP	Pn	06 02 07.3 +0.1	
TA02	Huaiquique	1.75	305	eS	Pn	06 02 30.6 -0.2	
TA02	Huaiquique	1.75	305	IAML	Pn	06 02 36.1	
TA02	Huaiquique	1.75	305	eP	Pn	06 02 07.1 -0.1	
TA02	Huaiquique	1.75	305	eS	Pn	06 02 29.6 -1.2	
TA02	Huaiquique	1.75	305	IAML	Pn	06 02 33.9	
PB11	IPOC Station P	1.82	327	eS	Pn	06 02 32.8 +0.4	
PB11	IPOC Station P	1.82	327	eP	Pn	06 02 08.2 +0.2	
PB11	IPOC Station P	1.82	327	eS	Pn	06 02 32.3 -0.1	
PB11	IPOC Station P	1.82	327	IAML	Pn	06 02 36.9	
PB11	IPOC Station P	1.82	327	eP	Pn	06 02 08.4 +0.3	
PB05	IPOC Station P	2.15	223	eP	Pn	06 02 12.1 +0.1	
PB05	IPOC Station P	2.15	223	eS	Pn	06 02 32.2 -7.4	
PB05	IPOC Station P	2.15	223	eP	Pn	06 02 11.8 -0.2	
PB05	IPOC Station P	2.15	223	eS	Pn	06 02 11.9 -0.2	
PSGCX	Pisagua	2.21	320	eS	Pn	06 02 12.4 -0.5	
PSGCX	Pisagua	2.21	320	eS	Pn	06 02 35.0 -5.9	
PSGCX	Pisagua	2.21	320	IAML	Pn	06 02 41.8	
PSGCX	Pisagua	2.21	320	eP	Pn	06 02 12.3 -0.5	
PSGCX	Pisagua	2.21	320	eS	Pn	06 02 12.3 -0.5	
YJA	Yavi	3.00	108	eP	Pn	06 02 25.6 +2.4	
YJA	Yavi	3.06	344	eP	Pn	06 02 25.5 +1.3	
PB16	IPOC Station P	3.06	344	eS	Pn	06 02 51.8 -9.3	
PB16	IPOC Station P	3.06	344	eS	Pn	06 02 25.7 +1.5	
PB16	IPOC Station P	3.06	344	IAML	Pn	06 03 07.9	
PB12	IPOC Station P	3.12	328	eP	Pn	06 02 23.7 -0.8	
PB12	IPOC Station P	3.12	328	eS	Pn	06 02 50.7 -1.1	
PB12	IPOC Station P	3.12	328	IAML	Pn	06 03 09.5	
PB12	IPOC Station P	3.12	328	eP	Pn	06 02 23.4 -1.0	
PB12	IPOC Station P	3.12	328	eS	Pn	06 03 12.6	
PB12	IPOC Station P	3.12	328	IAML	Pn	06 03 12.6	
PB12	IPOC Station P	3.12	328	eP	Pn	06 02 24.4 -0.1	
AP01	Chacalluta	3.34	330	eP	Pn	06 02 49.1 +1.9	
AP01	Chacalluta	3.34	330	eS	Pn	06 02 53.7 -1.3	
AP01	Chacalluta	3.34	330	IAML	Pn	06 03 16.7	
AP01	Chacalluta	3.34	330	eP	Pn	06 02 26.6 -0.6	
AP01	Chacalluta	3.34	330	eS	Pn	06 02 49.1 +1.9	
HJA	Humahuaca	3.52	123	eP	Pn	06 02 32.7 +2.7	
SALTA	SALTA	3.59	145	eP	Pn	06 02 28.1 -2.9	
SALTA	SALTA	3.59	145	eP	Pn	06 02 29.5	
PB14	IPOC Station P	3.71	206	eP	Pn	06 02 32.5 +0.1	
PB14	IPOC Station P	3.71	206	eS	Pn	06 03 13.5 -2.3	
PB14	IPOC Station P	3.71	206	IAML	Pn	06 03 35.1	
PB14	IPOC Station P	3.71	206	eP	Pn	06 02 32.0 -0.4	
PB18	Visivri	3.78	347	eP	Pn	06 02 38.3 +4.8	
LPAZ	La Paz	5.00	5	eP	Pn	06 02 53.2 +3.3	
LPAZ	La Paz	5.00	5	eS	Pn	06 03 40.9 -6.2	
LPAZ	La Paz	5.00	5	eS	Pn	06 02 48.4 -1.4	
AC01	Pan de Azucar	5.17	200	eP	Pn	06 02 49.1 +1.5	
AC01	Pan de Azucar	5.17	200	eS	Pn	06 03 45.5 -4.7	
AC01	Pan de Azucar	5.17	200	IAML	Pn	06 04 10.2	
AC02	Mariangua	5.54	185	eP	Pn	06 02 50.0 -1.5	
AC02	Mariangua	5.54	185	eS	Pn	06 02 56.5 -0.4	
AC04	Llanos de Chal	7.24	198	eP	Pn	06 02 32.7 +2.7	
AC05	El Transito	7.66	191	eP	Pn	06 03 22.3 -2.9	
BBSD	Serra de San D	8.59	63	eP	Pn	06 03 36.2 -1.4	
SIV	San Ignacio	8.88	55	eP	Pn	06 03 39.0 -2.5	
SIV	San Ignacio	8.88	55	eS	Pn	06 05 12.5 -7.4	
COIM	Forto Coimbra	10.22	84	eP	Pn	06 03 56.8 -2.7	
MURT	Porto Murinho	10.24	94	eP	Pn	06 03 57.9 -1.9	
CFA	Coronel Fontan	10.28	178	eP	Pn	06 03 57.4 -2.8	
CFA	Coronel Fontan	10.28	178	eS	Pn	06 05 44.7 -8.9	
CFA	Coronel Fontan	10.28	178	IAML	Pn	06 05 44.7 -8.9	
PTLB	Pontes e Lacer	10.70	59	eP	Pn	06 04 04.3 -1.6	
PTLB	Pontes e Lacer	10.70	59	eS	Pn	06 04 04.8 -1.2	
CPUP	Villa Florida	11.47	118	eP	Pn	06 04 12.1 -4.0	
CPUP	Villa Florida	11.47	118	eS	Pn	06 04 16.8 +0.7	
VILB	Vilheina	11.54	45	eP	Pn	06 04 16.2 -1.0	
VA03	San Esteban	11.55	188	eP	Pn	06 04 16.7 -0.6	
SUJY	San Josquin	12.09	88	eP	Pn	06 04 24.0 -0.3	
AQDB	Aquidauana	12.09	88	eP	Pn	06 04 23.1 -1.2	
AQDB	Aquidauana	12.09	88	eS	Pn	06 04 30.9 -0.3	
MT09	Talagante	12.61	189	eP	Pn	06 04 30.9 -0.3	

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC
h m s	ISC						
SALV	Santo Antonio	13.36	68	eP	Pn	06 04 41.4 +0.5	
TRCB	Terra Rica	14.88	99	eP	Pn	06 05 00.3 +0.1	
PTGB	Pitanga	15.61	106	eP	Pn	06 05 09.0 -0.2	
CLDB	Colider	16.07	52	eP	Pn	06 05 14.0 -1.0	
ITAB	Concordia	16.14	115	eP	Pn	06 05 16.8 +0.4	
ITAB	Concordia	16.14	115	IAMB	Pn	06 05 18.4	
ITAB	Concordia	16.14	115	eP	Pn	06 05 16.2 +0.5	
LDASE	Londrina, Braz	16.31	101	eP	Pn	06 05 18.0 +0.1	
CPSE	Cacapava Do Su	16.38	127	eP	Pn	06 05 19.0 +0.5	
CPSE	Cacapava Do Su	16.38	127	eS	Pn	06 05 19.1 +0.5	
ARAG	Araguaiana, MT	16.76	74	eP	Pn	06 05 21.5 -3.0	
FRTB	Fartura	17.74	100	eP	Pn	06 05 35.2 -0.0	
CNBL	Canela	17.91	120	eP	Pn	06 05 35.6 -0.4	
BB19B	Bedbedouro	18.73	93	eP	Pn	06 05 45.1 +0.1	
SNDP	Serra Nova Dou	18.96	64	eP	Pn	06 05 47.6 -0.1	
PLCA	Paso Flores	19.45	184	eP	Pn	06 05 55.0 -0.2	
IPMB	Iperoi, GO	19.49	84	eP	Pn	06 05 54.1 +0.9	
RCLB	Rio Claro- Sao	19.59	97	eP	Pn	06 05 54.6 +0.2	
MACA	Manacapura-AM	19.60	24	eP	Pn	06 05 54.3 -0.2	
MACA	Manacapura-AM	19.60	24	eS	Pn	06 05 53.2 -1.2	
SPB	Sao Paulo	19.70	101	eP	Pn	06 05 55.4 -0.1	
PET01	Itanhem-SP	19.89	103	eP	Pn	06 05 58.3 +0.8	
VAO	Vaiinhos	20.11	99	eP	Pn	06 05 59.9 -0.2	
VAO	Vaiinhos	20.11	99	eP	Pn	06 05 59.5 -0.5	
BDFB	Brasilia	20.32	77	eP	Pn	06 06 02.1 -0.2	
BDFB	Brasilia	20.32	77	IAMB	Pn	06 06 02.9 +0.6	
BDFB	Brasilia	20.32	77	IAMB	Pn	06 06 06.4	
CANS	Canoque de Ms	20.79	91	eP	Pn	06 06 05.6 -1.8	
ITTB	Itaituba	20.96	38	eP	Pn	06 06 08.6 -0.5	
PMNB	Patos De Minas	21.02	86	eP	Pn	06 06 08.9 -0.9	
BSCB	Bom Successo	22.23	94	eP	Pn	06 06 22.6 +0.1	
PRPB	Parauapebas	23.60	53	eP	Pn	06 06 37.7 +0.3	
SMTB	Santa Maria do	23.72	92	eP	Pn	06 06 37.8 +1.2	
Jenauria	Jenauria	23.85	79	eP	Pn	06 06 38.3 +0.3	
SDBA	SAO DESIDERIO	24.32	72	eP	Pn	06 06 42.5 +0.5	
BOAV	Boa Vista	24.84	20	eP	Pn	06 06 48.4 +1.8	
BOAV	Boa Vista	24.84	20	eP	Pn		

2d 6h

Table listing stations and their characteristics for the 2d 6h period. Columns include station name, coordinates, elevation, and other parameters.

2020 AUG

Table listing stations and their characteristics for the 2020 AUG period. Columns include station name, coordinates, elevation, and other parameters.

88

Table listing stations and their characteristics for the 88 period. Columns include station name, coordinates, elevation, and other parameters.

Table with columns: LCO, ZON, CFA, USHA, AC02, PB02, NNA, PB09, PSGCX, PB11, PB12, PB08, GO01, PB16, PB18, ATAH, PPT, PMSA, LPAZ, LPAZ, LPAZ, CZSB, SLOR, CPUP, CPUP, RAR, CPBS, SIV, PTLB, AQDB, JTS, ROSC, ROSC, ROSE, BOAB, MTO3, CMIG, CLDB, MACA, QSPA, QSPA, VVDA, VVDA, VVDA, LOAV, SDV, ZAIG, BDFB, BDFB, RPZ, VNA2, HPIG, SNA, SNA, SNA, 833A, HSG, TROLL, TX31, TXAR, TXAR, SAND, JCT, OZNA, OZNA

Table with columns: MNHN, MNTX, TPB28, MDP, SJG, GD2L, WHTX, 128A, NATX, PLPT, BORB, FW06, APMT, BC3, PFO, Y22A, SBM, DKNS, ELIB, MPMC, U15A, TUL3, KNB, WCT, MVCO, TPNV, FCAR, HHAR, U38A, DSP, HMU, PV23, RCBR, CMB, NV11, WVT, NVAR, R32A, SRU, KSCO, TMUT, P17A, KVN, TKL, PNTR, PAHR, BS43, YBH, BW06, PD31, PDAR, WVOR, KOSA, LHOW, FXWY, HLD, HLD, J08A, FLYW, FLYW, BCYI, EROS, I04A, MCMT, BMO, PLID, HOAD, HOAD, H04A, BOZ, G08A, G08A, G04A, NEW, NEW, SADO, HNR, HNR, DZM, ULM, ULM, STKA, BBB, CTA

Table with columns: DLBC, H11S2, H11S1, H11S3, SCHO, YKA, SUR, KDAK, NJ2, NJ2, NRIK, XLT, XLT, AKAS, HHC, CMAR, BRTR, BRTR, SONM, SONM, PZH, IDC 02, BATI, BATI, BATI, FITZ, FITZ, FITZ, WRA, WRA, ASAR, ASAR, DAV, DAV, BOS, BOS, LBTB, JSN 02, SSNC 02, ISC 02, FSCY, FSCY, FSCY, MCJ, MCJ, CVJ, MTDJ, MTDJ, MG, MG, MG, MG, LMGC, BNJ, BNJ, CAJ, CAJ, STH, STH, STH, GWJ, GWJ, GWJ, YAR, YAR, CAMR, MARVS, HLCG, SOR, RCG, QMBU, IDC 02, NEIC 02, ISC 02, SANVU, HNR, HNR, HNR, HNR, DZM, DZM, DZM, MSV, MSV, PMG, PMG, CTA

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SATY, ARXS, MAKZ, MAKZ, MAK31, MK31.

OSPL 02:08:29.41.4.1.1, 19.97Nk:71.04W, h0km, 6km, ML1.8, Presumed earthquake

SDD 02:08:29.41.1.2.2, 19.93Nk:70.97W, h10km, 7km, MD3.0, ML1.9, MW2.1, Presumed earthquake

ISC 02:08:29.39.7.1.2, 19.95Nk:0.05:70.99W:0.04, h12km, 6km, n11, c061/13, 110, Dominican Republic region

Main table for OSPL, SDD, and ISC events with station data. Includes stations like LUDR, LOPP1, MADR, SODR, SC01, REDR, SDDR, SDRR, GRTK, Lodu1, Lodu2.

UCR 02:08:32.25.7.1.0, 7.43Nk:81.97W, h12km, 16km, MW3.6, Presumed earthquake

UPA 02:08:32.25.1.0.9, 7.36Nk:81.99W, h10km, 4km, MW3.8, Presumed earthquake

ISC 02:08:32.24.8.1.3, 7.44Nk:0.08:81.96W:0.04, h9km, 12km, n32, c0577/42, 2C-1D, Panama

Main table for UCR, UPA, and ISC events with station data. Includes stations like GMAL, CHIR3, CACAO, DVD, LMNES, PTPA, PTPM, BOTLY, KKNTU, RBALA, CLLRA, PBVNO, BRUZ, NELY, SCLRA, PIRO, PANP, SAJE, ZANG, BICIP, PIEC, ABRB.

IDC 02:08:42.11.9.5.3, 29.61S:177.68W, h0km, mb3.1/2, mbtmp3.1/2, Error ellipse: s-maj=308.7km

s-min=75.0km az=166.0, Kermadec Islands

Table for IDC event with station data. Includes stations like URZ, ASAR, WRA, FINES.

IDC 02:08:46.29.6.19.0, 19.93S:178.96E, h504km, 154km, mb2.9/3, mbtmp3.7/4, Error ellipse: s-maj=499.6km

s-min=112.4km az=85.0, South of Fiji Islands

Table for IDC event with station data. Includes stations like MSVF, STKA, WRA, ASAR.

AEIC 02:08:46.47.2.1.4, 63.38Nk:0.02:155.32W:0.05, h8km, 6km, Error ellipse: s-maj=3.5km s-min=2.7km az=82.0

NEIC 02:08:47.51.5.6, 63.34Nk:0.02:155.34W:0.04, h10km, 1km, ML3.6/184, ML3.4/181, Error ellipse: s-maj=4.3km

s-min=2.9km az=221.0, Central Alaska

Table for AEIC and NEIC events with station data. Includes stations like K20K, K20K.

Main table for 2020 AUG with station data. Includes stations like K20K, J18K, J19K, J20K, L19K, L18K, CHUM, CAST, K17K, PPLA, I20K, M19K, GCSA, GCSA, J17K, M20K, M20K, M18K, M18K, KTH, KTH, H20K, H20K, M17K, M17K, H18K, H18K, L22K, L22K, H19K, H19K, H19K, TRF, TRF, I21K, I21K, J16K, J16K, SPWE, SPWE, I17K, I17K, STLK, STLK, CUT, CUT, SPBG, SPBG, L16K, L16K, IMAR, IMAR, IMOI, IMOI, M16K, M16K, MCK, MCK, MCK, MCK, G19K, G19K, RND, RND, G18K, G18K, N17K, N17K, WAT7, WAT7, NCT, NCT, K15K, K15K, K15K, K15K, NEA2, NEA2.

Main table for 2020 AUG with station data. Includes stations like NEA2, H22K, RDT, G17K, RED, RED, I23K, O19K, G21K, G21K, L15K, N16K, GHO, GHO, PMR, WRH, WRH, WRH, IVE, IVE, O20K, ILSW, ILSW, H23K, H23K, CCB, CCB, CCB, SML, SML, SML, DHY, DHY, COLA, COLA, F19K, F19K, F19K, M15K, G16K, G16K, G16K, O17K, F20K, F20K, F20K, SLKM, P19K, P19K, HDA, HDA, POKR, POKR, N15K, N15K, N14K, N14K, F21K, F21K, IL3, IL3, ILAR, ILAR, O16K, O16K, O16K, F17K, F17K, F17K, SCM, SCM, SCM, M14K, M14K, M14K, G23K, G23K, G23K, H24K, H24K, H24K, AU22, AU22, PWL, PWL, BRLL, BRLL, P17K, P17K, E19K, E19K, E19K, COLD, COLD, PAX, PAX, PAX, P16K, P16K, K13K, K13K, K13K, J25K, J25K, J25K, ANM, ANM, ANM, GLI, GLI, GLI, E17K, E17K, E18K, E18K, F15K, F15K, O15K, O15K, G24K, G24K, G24K, KLU, KLU, HARP, HARP, PRP, PRP, FID, FID, E20K, E20K, F24K, F24K, F24K, E23K, E23K, E23K, D19K, D19K, D19K.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FYU Fort Yukon, D20K Etivluk River, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MT04 Ro Olivares, MT05 Las Vizcachas, etc.

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

SJA 02 08:46:42.3,0.8,30.38S;72.72W,h15km,7km,ML4.2, MW4.2

IDC 02 08:46:47.8,0.7,30.47S;72.12W,h0km,mb4.2/5, mbmp4.1/10,ML3.9/5,MS3.5/6,Error ellipse: s-maj=19.8km s-min=17.5km az=54.0

NEIC 02 08:46:49.4,2.0,30.54S;0.03:72.00W,0.07,h10km,1km, mb4.4/13,Mwr4.1/70,Mwr4.1(GUC),Error ellipse: s-maj=10.0km s-min=5.5km az=267.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr0.84; Mm0.39; Mm0.124; Mm0.71; Mm0.32; Mm0.158; Fault plane solution: M2:0.7000x10^19 NP1:phi=161.10000°, delta=86000°, lambda=180000°. NP2:phi=41.51000°, delta=31000°, lambda=147.87000°. Principal axes: T:2.0590, P:1953.0000°, Azm45.0000°, N:0.0296, Plg21.0000°, Azm166.0000°; P:2.0886, Plg29.0000°, Azm269.0000°;

NEIC 02 08:46:49.3,30.54S;72.03W,h10km GUC 02 08:46:51.0,4.0,30.59S;71.99W,h14km,4km,ML4.2

ISC 02 08:46:47.5,1.9,30.49S;0.03:72.13W,0.05,h5km,11km, n129,phi51/143,mb4.4/9,MS3.2/3,11C-7D,Off coast of central Chile

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Fray Jorge, Tololo Observa, Combarbal, etc.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like San Alfonso, San Alfonso, San Alfonso, etc.

IDC 02 09:22:36.0,1.9,1.22N;126.92E,h0km,mb3.6/4, mbmp3.6/4, Error ellipse: s-maj=179.4km s-min=22.1km az=67.0

DJA 02 09:22:39.9,0.3,1.1N;5.12E,az=110km,M3.5/11, MLV3.5/11

ISC 02 09:22:42.4,1.1,1.10N;0.2:126.27E,0.07,h39km,n7, phi128/8,mb3.6/4,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TNTI Ternate, MNI Manado, APSI Ampana, etc.

ASAR 02 08:50:33.0,0.5,8.33S;150.50E,h0km,0.5m, mb3.3/3, Error ellipse: s-maj=34.9km s-min=30.0km az=119.0

MKAR 02 08:50:33.0,0.5,8.33S;150.50E,h0km,0.5m, mb3.3/3, Error ellipse: s-maj=34.9km s-min=30.0km az=119.0

KURBB 02 08:50:33.0,0.5,8.33S;150.50E,h0km,0.5m, mb3.3/3, Error ellipse: s-maj=34.9km s-min=30.0km az=119.0

AEIC 02 09:27:15.0,1.5,63.368N;0.007:155.38W,0.03, h6km,6km, Error ellipse: s-maj=2.2km s-min=0.3km az=119.0

NEIC 02 09:27:16.6,3.368N;155.29W,h10km NEIC 02 09:27:15.9,1.6,63.368N;0.01:155.32W,0.03,h10km,1km, ML3.8/164,Mwr3.5/90,ML3.7(AEIC), Error ellipse: s-maj=2.9km s-min=2.4km az=35.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr0.18; Mm0.82; Mm0.200; Mm0.82; Mm0.19; Mm0.78; Fault plane solution: M2:5.3000x10^14 NP1:phi=59.02000°, delta=78000°, lambda=171.85000°. NP2:phi=152.51000°, delta=633000°, lambda=225.45000°. Principal axes: T:2.5928, P:1923.0000°, Azm19.0000°, N:0.1378, Plg64.0000°, Azm168.0000°; P:2.4552, Plg12.0000°, Azm283.0000°; Central Alaska

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like K20K Telida, J19K Innoko River, J19K Poorman, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Petersville, Tanana, North Nagahisa, Anvik River, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Cape Douglas, Kuskokwag River, Kuskokwag Mount, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GERES, GRESS Array B, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations 242A through FETA.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations ESK through ANWB.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations ANWB through GNSL.

KRSC 02 09:40:03.1±1.8, 48.76N×156.25E, h7km±27km, MI4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC for stations SKR, PAU, KDTR, ASAK, GRL, KOK, SDLR, KRX, SPN, GNL.

IDC 02 09:44:30.6±1.1, 32.14N×139.46E, h0km, mb3.6/3, mbmp3.5/4, ML2.2/1, Error ellipse: s-maj=48.3km

JMA 02 09:44:33.1±0.1, 32.92N×100.04E, h141.1E:0.8, h66km, MV3.5/32, E Off HACHUJIMA ISLAND

ISC 02 09:44:33.1±1.9, 32.84N×107.741E:0.1, h65km±17km, n16, ±0956/26, mb3.5/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC for stations JHJZ, JHCJ, JHJ, JHJ, JHJ, JAOM, JMKN, JMYK, BSO1, BSO3, BSO4, JIM2, JIM2, JIZS, JOD2, JOD2, MJAR, MJAR, MKAR, WRA.

IDC 02 09:52:23.9±2.0, 7.56S, 119.20E, h0km, mb3.2/2, mbmt3.5/5, ML3.3/3, Error ellipse: s-maj=70.8km

s-min=22.5km az=66.0, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC for stations KAPI, KAPI, KAPI, FITZ, FITZ, WRA, WRA, MKAR.

DJA 02 09:57:23.0±1.8, 5.5S×15.2E, h29km±15km, M5.1/16, mb5.0/16, mb5.7/3, MLV5.5/17, MLW(m)B5.2/3

IDC 02 09:57:24.8±1.7, 5.43S, 151.77E, h35km±12km, mb4.4/17, mbmt4.6/19, ML3.4/3, Error ellipse: s-maj=19.0km

NEIC 02 09:57:24.9±1.6, 5.55S×0.06E, 152.00E:0.7, h35km±2km, mb4.8/54, Error ellipse: s-maj=15.7km s-min=3.0km az=130.0

BUI 02 09:57:25.6±5.37S×152.39E, h74km, mb4.8/30

GFZ 02 09:57:27.0±0.4, 6°S×15.2E, h71km±4km, M5.0/35, mb5.0/35, Error ellipse: s-maj=7.7km s-min=5.6km

az=60.7, confirmed

ISC 02 09:57:27.0±0.7, 5.6S, 151.88E:0.05, h58km±6km, n204, ±17/21, mb4.8/31, 25.7km, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC for stations I40PG, RABL, ANOT, MANU, PMG, PMG, PMG, PMG.

2d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNAW, VNAZ, PDAR, ILAR, CMAR, SPITS, FINES, AKASG, EKA, BRTR, BRG, GERES.

IDC 02 10:19:11.0...4.5, 56.70N, 34.03W, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=128.0km s-min=38.2km az=19.0, Rej. Janses Ridge

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

IDC 02 10:24:59.3...1.9, 0.71N, 124.44E, h0km, mb3.2/4, mbtmp3.3/4, Error ellipse: s-maj=290.8km s-min=23.7km az=64.0

DJA 02 10:25:12.3...0.3, 0.1N, 4.12E, h93km, 5km, M4.1/16, mb4.1/4, MLV4.1/16

ISC 02 10:25:10.9...1.3, 0.1N, 0.1E, 123.87E, 0.109, h100km, n8, e147/9, mb3.2/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUWI, APSI, SANI, BESI, WRA, ASAR, MKAR, KURBB.

IDC 02 10:27:06.8...5.3, 2.85S, 148.42E, h0km, mb3.5/4, mbtmp3.5/4, MS3.6/1, Error ellipse: s-maj=157.3km s-min=34.8km az=101.0, Admiralty Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, WRA, ASAR, FITZ, H11S3, H11S2, H11S1, H11N1, H11N3, H11N2, MKAR.

IDC 02 10:33:07.3...1.2, 3.32S, 131.68E, h0km, mb3.8/5, mbtmp3.8/5, ML3.0/1, Error ellipse: s-maj=42.1km s-min=20.7km az=70.0

DJA 02 10:33:12.3...0.6, 3.3S, 131.1E, h18km, 6km, M3.9/12, mb4.2/2, MLV3.8/12

ISC 02 10:33:09.9...0.7, 3.62S, 106.131E, 0.07, h24km, n11, e210/15, mb3.8/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAKI, BANDANAI, SUJI, FITZ, WRA, ASAR, HNR, PETK, MKAR, KURBB.

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IDC 02 10:35:18.7...1.1, 0.19S, 18.02W, h0km, mb4.1/15, mbtmp4.2/16, ML4.9/1, Error ellipse: s-maj=35.0km s-min=24.2km az=130.0

GFZ 02 10:35:21.2...0.3, 0.5S, 1.8W, h10km, M4.7/37, mb4.7/37, confirmed

NEIC 02 10:35:21.3...1.0, 0.13S, 0.10E, 18.0W, 0.1, h10km, 1km, mb4.6/20, Error ellipse: s-maj=19.5km s-min=16.6km az=263.0

ISC 02 10:35:22.6...0.5, 0.14S, 0.08E, 17.98W, 0.08, h23km, n118, e0567/112, mb4.57/4, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10N2, H10N3, H10N1, ASCN, H10S3, H10S2, DBIC.

DBIC Dimbokro 14.74 62 AML AML 10 38 48.2 -1.6

DBIC Dimbokro 14.74 62 P Pn 10 38 48.6 -1.3

ACRG Accra 18.65 72 Op Pn 10 39 38.8 -0.3

ACRG Accra 18.65 72 P Pn 10 39 39.8 -0.2

RCBR Riachuelo 18.76 252 P Iamb Iamb 10 39 39.0 -1.3

RCBR Riachuelo 18.76 252 P Iamb Iamb 10 40 16.7

TAM Tamnassat 32.29 44 P P 10 41 50.6 +0.4

TAM Tamnassat 32.29 44 P P 10 41 50.8 +0.6

TIO Tiouine 32.53 17 P P 10 41 51.5 -0.6

AVE Averoes 34.72 16 P P 10 42 10.3 -0.7

AVE Averoes 34.72 16 P P 10 42 12.1 +1.1

MD31 MD31 35.12 20 P P 10 42 14.7 +0.1

MD31 MD31 35.12 20 P P 10 42 15.4 +0.8

IFR Ifrane 35.59 19 P P 10 42 18.8 0.0

CLDB Colider 39.06 253 P P 10 42 49.9 +1.7

EVO Ecora 39.56 12 P P 10 42 53.5 +1.4

MTE Manteigas 41.45 12 P P 10 43 08.9 +1.2

ESDC Sonseca Array 41.65 16 P Iamb Iamb 10 43 09.5 +0.2

ESDC Sonseca Array 41.65 16 P Iamb Iamb 10 43 12.1

KEST Kesra 43.83 33 P P 10 43 28.1 +0.9

SUR Sutherland 48.64 135 P P 10 44 04.8 -0.5

MF Saint Martin d 49.11 16 P P 10 44 09.2 +0.9

CEL Celeste 49.30 35 P P 10 44 10.6 +0.6

CEL Celeste 49.30 35 P P 10 44 11.3 +1.3

HUMP Col San Antonio 50.42 294 P P 10 44 18.0 -0.8

LOR Lornes 50.92 19 P P 10 44 23.0 +0.9

NRCA Norcia 51.08 29 P P 10 44 23.4 -0.1

NRCA Norcia 51.08 29 P Iamb Iamb 10 44 45.9

FDMO Fiordimonte 51.22 29 P Iamb Iamb 10 44 24.4 -0.1

FDMO Fiordimonte 51.22 29 P Iamb Iamb 10 44 26.5

SENIN Lac Senin/Sane 51.36 22 P P 10 44 25.6 -0.1

100

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TANN, TREC, HSKC, KRUC, VRAC, PSZ, KRLO, DPC, MORC, OKC, DRGR, ARR, VOIR, MLR, MLR.

BRTR Keskin Array B 61.49 43 P P 10 45 38.4 +0.4

BRTR Keskin Array B 61.49 43 P P 10 45 38.0 +0.1

KIEV Kiev 64.51 31 P P 10 45 56.6 -1.0

AKASG Main Array B 64.52 31 P P 10 45 57.0 -0.6

AKASG Main Array B 64.52 31 P P 10 45 57.1 -0.5

AKBB Main Array B 64.52 31 P Iamb Iamb 10 45 56.2 -1.5

AKBB Main Array B 64.52 31 P Iamb Iamb 10 45 57.9

HFS Hagfors 64.92 17 P P 10 45 59.8 -0.3

NB2 NORSAR Subarra 64.99 15 P P 10 46 00.7 +0.1

NOA NORSAR Array B 64.99 15 P P 10 46 00.7 +0.1

KBZ Khabaz 69.44 43 P P 10 46 30.0 +0.9

FINES FINESS Array B 69.93 21 P P 10 46 31.8 0.0

FINES FINESS Array B 69.93 21 P P 10 46 31.4 -0.3

AGMN Agassiz Nation 82.05 319 P P 10 47 40.4 -0.8

MSTX Muleshoe 85.75 304 P Iamb Iamb 10 48 00.4 -0.2

TXAR Lajitas Array 86.30 299 P P 10 48 03.3 -0.1

TXAR Lajitas Array 86.30 299 P P 10 48 02.7 -0.6

ISCO Idaho Springs 88.26 310 P P 10 48 13.3 +0.4

GAR Garm 88.76 51 P P 10 48 16.4 +1.4

QSPA South Pole Qui 89.93 180 P P 10 48 20.8 +0.8

PDAR Warrungarra Arr 91.25 313 P P 10 48 25.5 -1.3

ASAR Alice Springs 143.88 133 PKP PKP 10 54 55.0 +0.2

WRA Warrungarra Arr 146.33 128 PKPb PKPpdf 10 55 00.8 -0.6

IDC 02 10:48:50.4...1.7, 30.08N, 139.10E, h378km, 36km, mb2.8/4, mbtmp3.5/6, Error ellipse: s-maj=98.7km s-min=15.4km az=73.0

ISC 02 10:48:50.4...1.0, 30.2N, 139.7E, 0.403km, n6, e056/6, mb3.0/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ, JCJ, MJAR, KURBB, WRA, ASAR, FINES.

RSRPR 02 10:54:39.8...17.84N, 66.86W, h12km, MD3.5/22

NEIC 02 10:54:39.0...1.0, 17.79N, 0.03, 66.86W, 0.01, h10km, 2km, ML3.2/3, MD3.5/22 (SPR), Error ellipse: s-maj=5.7km s-min=3.0km az=14.0

SDD 02 10:54:39.5...0.6, 17.82N, 66.85W, h16km, 5km, MD2.9, ML2.9, MWV3.0, Presumed earthquake

OSPL 02 10:54:40.1...0.4, 17.79N, 66.84W, h0km, 11km, ML2.9, Presumed earthquake

ISC 02 10:54:38.6...1.2, 17.84N, 0.06, 66.85W, 0.02, h18km, 2km, n52, e058/70, 8C-8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GBPR, GBPR, GBPR, MLPR, MLPR, CRPR, CRPR, CRPR, OBIP, OBIP, OBIP, OBIP, OBIP.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CELP Cerrillos, LSP Las Mesas, ECPR Experimental S, AGPR Aguadilla, etc.

ISC 02 11:00:55.6-4.2, 20:58S:69.11W, h0km, mb3.8/1, mbmp3.6/2, ML3.1/1, Error ellipse: s-maj=133.4km s-min=34.0km az=88.0

SJA 02 11:00:55.0-0.6, 19:45S:70.03W, h31km, 40km, ML3.9, MW3.9

NEIC 02 11:01:01.9-2.1, 19:80S:03:69:87W, 0.02, h31km, 9km, mb3.9/2, ML3.9(GUC), Error ellipse: s-maj=5.1km s-min=1.7km az=197.0

GUC 02 11:01:02.5-0.8, 19:75S:69:87W, h32km, 2km, ML3.9

ISC 02 11:01:01.1-0.8, 19:80S:02:69:90W, 0.03, h32km, 5km, n54, c1963/76, 3C-9D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB11 IPOC Station P, PSB11 IPOC Station P, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB07 IPOC Station P, PB09 IPOC Station P, etc.

ISC 02 11:06:14.6-5.0, 21:51N:141:62E, h45km, 53km, mb3.7/8, mbmp3.9/9, Error ellipse: s-maj=48.7km s-min=20.8km az=101.0

ISC 02 11:06:13.4-0.9, 12:5N:02:24:17E:0:1, h33km, n9, c0:99/10, mb4.1/8, South of Mariana Islands

ISC 02 11:24:20.2-5.0, 52:08N:173:22W, h0km, mb3.3/2, mbmp3.3/4, ML3.1/2, Error ellipse: s-maj=100.1km s-min=47.7km az=120.0

AEIC 02 11:24:26.5-1.6, 51:91N:0:06:173:22W, 0.06, h26km, 7km, Error ellipse: s-maj=10.0km s-min=2.1km az=210.0

NEIC 02 11:24:28.2-1.0, 52:1N:0:2:173:3W, 0.1, h51km, 25km, ML3.5/18, ML3.2(AEIC), Error ellipse: s-maj=29.8km s-min=1.2km az=159.0

ISC 02 11:24:27.5-1.6, 52:1N:0:2:173:24W:0:09, h50km, 20km, n48, c1907/49, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KOPF Korovin Flat P, KOSE Korovin Southe, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OKSP Okmok Steeple, OKWR Okmok West Rim, etc.

BUL 02 11:28:28.1-1.9, 18:35S:25:93E, h13km, 20km, MD3.4, Presumed earthquake

BGSI 02 11:28:34.7-2.0, 18:26S:26:65E, h31km, 41km, ML2.5, Presumed earthquake

ISC 02 11:28:31.4-1.2, 18:37S:0:05:26:53E:0:05, h10km, n12, c1950/17, Zimbabwe

ISC 02 11:29:57.0-2.3, 20:38S:178:46W, h628km, 27km, mb3.2/3, mbmp4.1/4, Error ellipse: s-maj=53.7km s-min=30.8km az=25.0, Fiji Islands region

ISC 02 11:30:29.0, 8:46N:126:72E, h17km, MS4.4

ISC 02 11:30:36.6-1.8, 8:37N:126:55E, h107km, 17km, mb3.8/23, mbmp4.1/23, Error ellipse: s-maj=23.2km s-min=13.6km az=72.0

NEIC 02 11:30:37.2-1.1, 8:32N:0:1:126:4E:0:1, h97km, 8km, mb4.4/26, Error ellipse: s-maj=18.7km s-min=14.5km az=110.0

ISC 02 11:30:28.4-1.3, 8:48N:0:02:126:79E:0:06, h28km, 9km, n88, c1988/105, mb4.4/37, Mindanao

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Table with columns: PLP, Palo, 3.21 326 eP, Pn, 11 31 18.4 +1.5, h35km, 10km, Error ellipse: s-maj=8.2km s-min=4.8km, az=140.0, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Op, ISC, Time, Res, h m s ISC, etc.

Table with columns: PDAR, Pinedale Array, 33.65 91 P, P, 12 22 57.3 +9.5, TXAR, Lajitas Array, 46.46 101 P, P, 12 24 41.4 +7.4, etc.

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

IDC 02 12:43:02.51.2, 14.67N:95.56E, h0km, mb3.9/7, mbtmp3.9/8, ML4.5/1, Error ellipse: s-maj=47.6km s-min=19.6km az=58.0

ISC 02 12:43:04.71.2, 14.8N:01.958E:0.2, h10km, n8, c2923/9, mb3.9/7, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, CMAR, CMAR Makanchi Array, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, ILAR South Pole Qui, ILAR South Pole Qui, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAF Jabal al Asfar, SLVN Son La, SBA Scott Base, etc.

2d 13h

Table listing stations and their parameters for the 2d 13h section. Columns include call sign, frequency, and various technical details.

2020 AUG

Main table listing stations and their parameters for the 2020 AUG section. Includes call signs, frequencies, and technical specifications.

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Table listing stations and their parameters for the 104 section. Columns include call sign, frequency, and technical details.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WRA Warrungarra Arr, AS31 Alice Springs, etc.

IDC 02:13:33:05.9;2.0,3;10S:146;15E,h0km,mb3.5/5, mbtm3.5/5,MS2.8/1,Error ellipse: s-maj=74.6km s-min=26.4km az=90.0,Bismarck Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GUMO Guam, WRA Warrungarra Arr, ASAR Alice Springs, etc.

AEIC 02:13:58:58.6;1.9,5.1;12N;0.4;178;52W;0.0;5,h26km,5km, Error ellipse: s-maj=6.4km s-min=4.1km az=173.0 NEIC 02:13:58:59.2;1.9,5.1;15N;0.4;178;48W;0.0;4,h35km,2km, mb3.9/19,ML3.9/12,ML3.7(AEIC), Error ellipse: s-maj=7.7km s-min=4.7km az=173.0 IDC 02:13:59:07.5;2.9,5.1;40N;1.78;60W,h111km,23km, mb3.4/16,mbtm3.8/19,MS2.8/4, Error ellipse: s-maj=26.3km s-min=15.5km az=177.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GAKI Gareloi-Kavalg, GAKI Gareloi Lava P, GAI-A, GAEA Gareloi East, etc.

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AMKA Amchitka, CERB Semis' Cerberu, CEPE Semis' Perret, CESH Semis' Southwe, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MANU Manus Island, PMG Port Moresby, PMG Port Moresby, etc.

2d 14h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WRAB, WRA, WRA, WRA, WRA, etc.

2020 AUG

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARMA, PLP, TBP, WBSI, CMSA, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SSSLB, SSSLB, BBJJ, BBJJ, BBJJ, etc.

Table with columns for call sign, name, frequency, and other parameters. Includes stations like URZ Urewera, HAZ Te Kaha, and various NZ stations.

Table with columns for call sign, name, frequency, and other parameters. Includes stations like WHN Wuhan, ERM Erimo, and various international stations.

Table with columns for call sign, name, frequency, and other parameters. Includes stations like XAN, BJ2 Beijing, and various international stations.

2d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VNFQ, VNHG, VNNF, etc.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like BILLI, BILLS, BILLB, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like H11S1, H11S2, H11S3, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like R50A Paris, TLY Talaya, and various other regional and international stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH Lanzhou, NC204 NORSAR Array S, and various other regional and international stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, AAK Ala-Archa, and various other regional and international stations.

UPC	Upece	comp=Z,2.9nm,0.7s,baz=356,slow=5.8	75.19	2	P	P	14 51 03.9 +0.4
NKC	Novy Kostel	comp=Z,1.3nm,0.9s	75.35	4	eP	P	14 51 05.0 +0.6
NKC	Novy Kostel	comp=Z,1.2nm,0.9s	75.35	4	eP	P	14 51 05.0 +0.6
DPD	Dobruska-Polom	comp=Z,2.2nm,0.9s	75.35	2	eP	P	14 51 05.1 +0.7
DPD	Dobruska-Polom	comp=Z,1.9nm,1.1s	75.35	2	eP	P	14 51 05.1 +0.7
DPD	Dobruska-Polom	comp=Z,2.0nm,1.1s	75.35	2	eP	P	14 51 05.2 +0.8
WLF	Waldersand	comp=Z,2.5nm,0.7s	75.50	9	eP	P	14 51 05.9 +0.7
WLF	Waldersand	comp=Z,1.6nm,1.2s,baz=356,slow=5.8	75.50	9	eP	P	14 51 06.1 +0.8
OJC	Ojcow	comp=Z,7.1nm,0.9s	75.50	359	P	P	14 51 04.7 -0.5
OJC	Ojcow	comp=Z,7.1nm,0.9s	75.50	359	P	P	14 51 05.1 -0.1
LUBAR	Lubar, Ukraine	75.55	354	P	P	14 51 04.3 -1.2	
RAR	Rarotonga	75.56	179	LR	LR	15 14 58.6	
KRLC	Kralicky	75.63	1	eP	P	14 51 06.6 +0.6	
KRLC	Kralicky	75.63	1	eP	P	14 51 06.6 +0.6	
KRLC	Kralicky	75.63	1	eP	P	14 51 06.4 +0.3	
PRU	Pruhonic	75.67	3	eP	P	14 51 06.5 +0.3	
PRU	Pruhonic	75.67	3	eP	P	14 51 06.5 +0.3	
PRU	Pruhonic	75.67	3	eP	P	14 51 06.7 +0.5	
LSA	Lhasa	75.76	301	P	P	14 51 08.3 +0.7	
BTK	Batken	75.77	322	IAMB	IAMB	14 51 07.9	
BTK	Batken	75.77	322	P	P	14 51 07.0 -0.1	
GRA1	Grafenberg Arr	75.83	5	IAMB	IAMB	14 51 08.3	
GRA1	Grafenberg Arr	75.83	5	eP	P	14 51 07.9 +0.7	
GRF	Grafenberg Arr	75.83	5	eP	P	14 51 07.8 +0.7	
GRF	Grafenberg Arr	75.83	5	eP	P	14 51 07.9 +0.8	
GRFO	Grafenberg Arr	75.83	5	eP	P	14 51 07.7 -1.4	
GRFO	Grafenberg Arr	75.83	5	eP	P	14 51 08.1 +0.7	
OKC	Ostrava-Krasne	75.89	1	P	P	14 51 08.0 +0.6	
MORC	Moravsky Berou	75.94	1	eP	P	14 51 07.9 0.0	
MORC	Moravsky Berou	75.94	1	eP	P	14 51 07.8 0.0	
MORC	Moravsky Berou	75.94	1	IAMB	IAMB	14 51 08.9	
MORC	Moravsky Berou	75.94	1	eP	P	14 51 07.9 0.0	
MORC	Moravsky Berou	75.94	1	eP	P	14 51 08.2 +0.4	
GRB4	Grafenberg Arr	76.07	5	P	P	14 51 09.2 +0.7	
GRB3	Grafenberg Arr	76.20	5	P	P	14 51 09.9 +0.6	
GRB2	Grafenberg Arr	76.27	5	P	P	14 51 10.2 +0.6	
STHS	Stebnicka Huta	76.29	358	eP	P	14 51 10.3 +0.5	
STHS	Stebnicka Huta	76.29	358	eP	P	14 51 10.3 +0.5	
NIE	Niedzica	76.30	359	P	P	14 51 10.8 +0.9	
TREC	Trest	76.39	2	P	P	14 51 10.6 +0.2	
VRAC	Vranov	76.40	2	LR	LR	15 25 33.2	
VRAC	Vranov	76.40	2	eP	P	14 51 10.9 +0.4	
VRAC	Vranov	76.40	2	eP	P	14 51 10.8 +0.4	
VRAC	Vranov	76.40	2	eP	P	14 51 11.0 +0.7	
GRB5	Grafenberg Arr	76.43	5	P	P	14 51 11.2 +0.6	
WET	Wetzell	76.45	4	eP	P	14 51 11.1 +0.4	
KHC	Kasperske Hory	76.49	4	IAMB	IAMB	14 51 11.5 +0.6	
KHC	Kasperske Hory	76.49	4	eP	P	14 51 11.8 +0.9	
KHC	Kasperske Hory	76.49	4	IAMB	IAMB	14 51 12.7	
KHC	Kasperske Hory	76.49	4	P	P	14 51 11.6 +0.6	
KHC	Kasperske Hory	76.49	4	P	P	14 51 11.8 +0.9	
GRC1	Grafenberg Arr	76.54	5	P	P	14 51 11.6 +0.4	
LANS	Liptovska Anna	76.58	360	eP	P	14 51 12.6 +1.1	
LANS	Liptovska Anna	76.58	360	eP	P	14 51 12.5 +1.1	
KRUC	Moravsky	76.64	2	eP	P	14 51 11.8 +0.1	
KRUC	Moravsky	76.64	2	eP	P	14 51 12.1 +0.4	
GRC3	Grafenberg Arr	76.65	5	P	P	14 51 11.6 -0.2	
CLF	Chambon-Foret	76.73	11	P	P	14 51 13.1 +0.9	
KOLS	Kolonickie sedl	76.76	358	eP	P	14 51 13.4 +1.0	
KOLS	Kolonickie sedl	76.76	358	eP	P	14 51 13.4 +1.0	
KOLS	Kolonickie sedl	76.76	358	eP	P	14 51 13.4 +1.0	
GECC	GERESS Array S	76.78	4	IAMB	IAMB	14 51 13.9	
GECC	GERESS Array S	76.78	4	eP	P	14 51 12.9 +0.2	
GECC	GERESS Array S	76.78	4	eP	P	14 51 13.1 +0.4	
GERES	GERESS Array B	76.78	4	P	P	14 51 12.9 +0.2	
GERES	GERESS Array B	76.78	4	P	P	14 51 12.5 -0.2	
GERES	GERESS Array B	76.78	4	P	P	14 51 12.5 -0.2	
JAVC	Velka Javorina	76.86	1	eP	P	14 51 14.3 +1.2	
JAVC	Velka Javorina	76.86	1	eP	P	14 51 14.0 +0.9	
GAR	Garm	76.89	321	P	P	14 51 13.4 -0.1	
KMPD	K-Podolskiy	76.97	355	P	P	14 51 12.4 -1.2	
BFO	Black Forest	77.00	7	P	P	14 51 13.8 0.0	
BFO	Black Forest	77.00	7	P	P	14 51 13.8 0.0	
BFO	Black Forest	77.00	7	eP	P	14 51 13.8 0.0	
BFO	Black Forest	77.00	7	eP	P	14 51 13.8 0.0	
ECH	Echery	77.02	8	IAMB	IAMB	14 51 15.2	
ECH	Echery	77.02	8	P	P	14 51 14.4 +0.4	
SMOL	Smolenice	77.20	1	eP	P	14 51 16.0 +1.1	
SMOL	Smolenice	77.20	1	eP	P	14 51 15.7 +0.6	
VYHS	Vyhne	77.23	0	eP	P	14 51 15.7 +0.6	
VYHS	Vyhne	77.23	0	P	P	14 51 15.9 +0.8	
KECS	Kecovo	77.24	359	eP	P	14 51 15.9 +0.8	
KECS	Kecovo	77.24	359	eP	P	14 51 15.9 +0.8	
SORM	Soroca	77.29	354	eP	P	14 51 14.9 -0.5	
SORM	Soroca	77.29	354	eP	P	14 51 14.8 -0.5	
SORM	Soroca	77.29	354	P	P	14 51 13.7 -1.7	
MODS	Modra-Piesok	77.34	1	eP	P	14 51 16.6 +0.9	
MODS	Modra-Piesok	77.34	1	eP	P	14 51 16.6 +0.9	
MODS	Modra-Piesok	77.34	1	P	P	14 51 16.8 +1.1	

BAL3X	Bal3x, Balta	77.40	353	P	P	14 51 14.3 -1.7
ABAH	Abaujker	77.41	358	P	P	14 51 16.9 +0.8
TRPA	Tarpan	77.55	358	P	P	14 51 17.6 +0.8
WINA	Alland / Wiene	77.59	2	eP	P	14 51 17.6 +0.5
CHGR	Chuyangaron	77.61	322	eP	P	14 51 17.2 -0.3
CHGR	Chuyangaron	77.61	322	P	P	14 51 17.4 -0.1
MANEH	Maneh	77.67	320	IAMB	IAMB	14 51 20.1
CONA	Conrad Observa	77.76	2	eP	P	14 51 18.9 +0.7
MOA	Molin	77.80	3	eP	P	14 51 18.5 +0.2
MOA	Molin	77.80	3	eP	P	14 51 17.2 -1.1
PSZ	Piszkesteto	77.81	359	P	P	14 51 19.1 +0.7
PSZ	Piszkesteto	77.81	359	IAMB	IAMB	14 51 20.8
PSZ	Piszkesteto	77.81	359	P	P	14 51 19.4 +1.0
RJOB	Jochberg	77.86	4	P	P	14 51 19.3 +0.7
BIOA	Bad Ischl, Aus	77.94	4	iP	P	14 51 19.3 +0.2
BUR08	Bucovina Arr	77.95	356	IAMB	IAMB	14 51 20.4
BURAR	Bucovina Array	77.98	356	IAMB	IAMB	14 51 19.6 +0.2
BURAR	Bucovina Array	77.98	356	P	P	14 51 19.5 +0.2
BURAR	Bucovina Array	77.98	356	IAMB	IAMB	14 51 20.4
RETA	Reutte	78.00	6	eP	P	14 51 19.6 +0.1
RONA	Rosalia, Austr	78.00	2	eP	P	14 51 20.2 +0.8
DAVA	Damuels	78.15	6	eP	P	14 51 20.5 +0.1
LESA	Schwarzleotal	78.16	4	eP	P	14 51 20.8 +0.4
META	Mocasin	78.16	5	eP	P	14 51 20.7 +0.3
WATA	Walderalm	78.20	5	P	P	14 51 21.0 +0.4
WTTA	Wattenberg	78.27	5	iP	P	14 51 21.7 +0.6
WTTA	Wattenberg	78.27	5	eP	P	14 51 21.9 +0.7
SQTA	Sankt Quirin	78.29	5	P	P	14 51 21.8 +0.6
ERBR	Yeremizin-Bor	78.36	345	eP	P	14 51 21.2 -0.2
ERBR	Yeremizin-Bor	78.36	345	eP	P	14 51 21.2 -0.2
ARSA	Arzberg	78.43	2	IAMB	IAMB	14 51 23.6
ARSA	Arzberg	78.43	2	IAMB	IAMB	14 51 22.6 +0.8
ARSA	Arzberg	78.43	2	P	P	14 51 22.8 +0.9
FETA	Feichten	78.46	6	iP	P	14 51 22.7 +0.6
KBA	Koelnbreinsper	78.54	4	iP	P	14 51 23.5 +0.9
KBA	Koelnbreinsper	78.54	4	iP	P	14 51 23.7 +1.1
ARCR	ARCALIA	78.54	356	IAMB	IAMB	14 51 23.2 +0.8
SESA	Seetaler Alpe S	78.55	3	eP	P	14 51 23.5 +0.8
MPLH	Magyarpolny	78.55	1	P	P	14 51 23.2 +0.8
MPLH	Magyarpolny	78.55	1	P	P	14 51 23.6 +1.2
GOF	Gofitsko	78.59	343	iP	P	14 51 22.9 +0.2
BIZ	Bicaz	78.61	356	IAMB	IAMB	14 51 23.6 +0.8
SHL	Shilling	78.77	298	IAMB	IAMB	14 51 23.5
ABTA	Abtattersbach	78.83	5	iP	P	14 51 25.2 +1.1
FUORN	Ofenpass-Fuorn	78.84	6	IAMB	IAMB	14 51 25.7
FUORN	Ofenpass-Fuorn	78.84	6	P	P	14 51 25.4 +1.1
DRGR	Drgr	78.89	357	IAMB	IAMB	14 51 24.4 0.0
DRGR	Drgr	78.89	357	P	P	14 51 24.0 0.0
DRGR	Drgr	78.89	357	P	P	14 51 24.6 +0.2
TUE	Tuetina	78.92	7	IAMB	IAMB	14 51 26.5
CJR	Cluj-Napoca	78.94	357	IAMB	IAMB	14 51 25.6 +1.0
CJR	Cluj-Napoca	78.94	357	IAMB	IAMB	14 51 25.6 +1.0
SHAA	Shahritys	78.95	322	IAMB	IAMB	14 51 25.9
SHAA	Shahritys	78.95	322	P	P	14 51 25.1 +0.2
MARR	Marisel-Cluj	78.99	357	iP	P	14 51 25.5 +0.5
SOKA	Sokoban	78.99	3	iP	P	14 51 25.4 +0.4
MYKA	Terra Mystica	79.00	4	iP	P	14 51 25.6 +0.7
TESR	Tescani	79.01	355	IAMB	IAMB	14 51 24.9 0.0
TESR	Tescani	79.01	355	P	P	14 51 24.5 -0.5
TESR	Tescani	79.01	355	P	P	14 51 24.7 -0.3
PERS	Perince	79.04	3	iP	P	14 51 26.0 +0.8
OBKA	Obir	79.15	3	eP	P	14 51 26.3 +0.4
OBKA	Obir	79.15	3	P	P	14 51 26.4 +0.6
PRED	Pred	79.18	4	IAMB	IAMB	14 51 26.9
PRED	Pred	79.18	4	P	P	14 51 25.7 -0.2
ONER	Baraj Valea Uz	79.20	355	iP	P	14 51 26.9 +0.8
CADS	Cadrg	79.40	4	P	P	14 51 28.7 +0.5
GHRH	Ghrh	79.42	354	iP	P	14 51 28.3 +1.1
GHRH	Ghrh	79.42	354	P	P	14 51 28.1 +0.7
SIRR	Siria	79.44	358	IAMB	IAMB	14 51 27.7 +0.4
MDB	Medias	79.				

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PEAOB, PETK, PET, MKAR, KSHZ, etc.

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

MAN 02 14:53:35.0, 11.677N, 125.245E, h32km, MS4.3
MAN INTENSITY III - SAN JULIAN EASTERN SAMAR;
INTENSITY III - SULTAN BORONGAN CITY EASTERN SAMAR;
INTENSITY II - TAFT HERNANI EASTERN SAMAR;
CATBALOGAN CITY JIABONG SAMAR;
INTENSITY I - SAN JOSE DE BUAN SAMAR.

NEIC 02 14:56:11.4, 9.1, 21.805S, 176.241W, h191km, 27km
s-maj=1.75km s-min=12.8km az=98.0
ISC 02 14:56:15.0, 2.3, 21.905S, 175.83W, 0.05, h150km,
n216, i1937/214, mb4.5/47, 17C-8D, Tonga Islands

NEIC 02 14:56:11.4, 9.1, 21.805S, 176.241W, h191km, 27km
s-maj=1.75km s-min=12.8km az=98.0
ISC 02 14:56:15.0, 2.3, 21.905S, 175.83W, 0.05, h150km,
n216, i1937/214, mb4.5/47, 17C-8D, Tonga Islands

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like BESP, BPS, PALO, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MSVF, AB31, ABKAR, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TATA, ARMA, ARMA, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MTN, JSG, KSRG, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NEIC, NOU, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like GSPA, MJAR, etc.

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Table with columns: L16K, Owhat River, 84.34, 8, P, P, 15 08 30.9 +1.0, 15 08 32.5. Includes various station codes like K15K, L18K, ELIB, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes various station codes like JHU2, JHU3, JHU4, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes various station codes like WRH, CCB, IMAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1S1 WAKE ISLAND, MGBR Mount Gambier, KAPI Kappang, etc.

IDC 02 16:04:15.9,2.3,2'20N:124.99E,h0km,mb3.5/4, mbtm3.6/4, Error ellipse: s-maj=285.5km

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

NNC 02 16:22:45.2,7.1,41.93N:80.79E,h0km,mb3.0,mpv2.6, Error ellipse: s-maj=58.4km s-min=29.3km az=11.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHLS Shalkode, PDGK Podgornos, UZB Uzynbulak, etc.

IDC 02 16:27:46.7,2.8,30.58S:177.47W,h0km,mb3.7/3, mbtm3.8/4,ML3.0/1, Error ellipse: s-maj=61.8km

NEIC 02 16:27:49.2,1.7,30.53S:0.07:178.0W:0.2,1h1km,6km, mb4.4/13, Error ellipse: s-maj=30.8km s-min=6.8km

ISC 02 16:27:48.7,1.3,30.53S:0.07:177.9W:0.2,h10km,n22, r=140/24,mb4.3/8,Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, TOZ Tahuroa Road, etc.

IDC 02 16:36:31.2,0.7,2'26N:126.74E,h0km,mb3.7/12, mbtm3.7/12, Error ellipse: s-maj=43.9km s-min=13.8km

DJA 02 16:36:36.1,0.4,2'N:5.5x12'7E,,h10km,M3.9/12,mb4.2/2, MLV3.8/12

ISC 02 16:36:38.4,0.7,2'30N:0.07:126.9E:0.1,h53km,n17, r=0592/18,mb3.8/11,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TMTI Ternate, SGSI Sangihe, MNI Manado, etc.

MAN 02 16:44:22.0,7.31N:127.54E,h4km,MS4.2,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CDOP Cateel, Davao, BIPH Bislig, TSSP Tandag City, etc.

MOS 02 16:44:23.3,0.8,0.29S:124.18E,h38km,mb4.9/29, Error ellipse: s-maj=9.4km s-min=5.4km az=110.9

IDC 02 16:44:23.7,2.1,0.38S:124.15E,h30km,14km,mb4.5/33, mbtm4.6/37,ML4.4/54,MS3.6/34, Error ellipse: s-maj=17.7km s-min=9.6km az=70.0

NEIC 02 16:44:25.8,2.6,0.34S:0.06:124.36E:0.05,h41km,5km, mb5.0/135, Error ellipse: s-maj=9.4km s-min=7.2km az=163.0

DJA 02 16:44:26.9,0.2,0'S:2.2x12'4E,,h36km,3km,ML4.8/51, mb4.9/51,mb5.3/18,MLV5.1/50,MW(mB)4.7/18

GFZ 02 16:44:26.8,0.1,0'S:2.2x12'4E,,h53km,ML4.7/54, mb4.9/54

ISC 02 16:44:25.8,0.4,0.39S:0.03:124.40E:0.03,h44km,3km, h45km:pp-P,n473,r1928/450,mb4.9/160,MS3.6/33,4C-9D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LUWI Luwuk, MNI Manado, SANI Sanana, etc.

BBSI Bau Bau 5.38 200 P Pn 16 45 44.4 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBSI Bau Bau, SPSS Sidrap Palu, PMSI Majene, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MBWA Marble Bar, WBO Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MJAR, DL2 Dalian, BRDH Bariadhala, ARMA Armidale, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WUS Wushi, NIL Nilore, ZSN Zsain, SHLS Shalkode, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BTLS, CHGR, KURK, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASF, MLY, G23K, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like DAV, DCPH, KULM, etc.

NEIC 02 16:44:33.0-8.5'61N-0.7'125.9'E:0.2,h129km,7m, mb4.9/12, Error ellipse: s-maj=33.9km s-min=7.5km az=76.0
IDC 02 16:44:35.4-8.5'51N:125.77E,h153km,22km,mb3.7/10, mbmp4.1/10, Error ellipse: s-maj=58.4km s-min=34.7km az=169.0
ISC 02 16:44:34.4-1.0,5.5N:0.1:125.6E:0.1,h150km,n36, e1933/37,mb4.0/10,Mindanao

2d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include WAKE ISLAND Hy25.69 269 T, WAKE ISLAND Hy25.70 269 T, WAKE ISLAND Hy25.71 269 T, etc.

IDC 02 18:56:07.62, 0.329S, 148.79E, h0km, mb3.6/4, mbmp3.4/1, MS3.1.7, Error ellipse: s-maj=93.2km s-min=28.8km az=114.0, Bismarck Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include GUMO Guam 17.21 347 LR, WRA Warramunga Arr 21.75 219 P, ASAR Alice Springs 24.85 214 P, etc.

NEIC 02 18:58:33.9, 1.4, 54.478N, 0.06, 160.29W, 0.04, h33km, 9km, mb3.9/7, ML3.6/32, ML3.4(AE/C), Error ellipse: s-maj=8.3km s-min=3.3km az=179.0

AEIC 02 18:58:33.6, 2.5, 54.478N, 0.06, 160.33W, 0.03, h7km, 6km, Error ellipse: s-maj=8.7km s-min=2.9km az=180.0

IDC 02 18:58:34.0, 4.2, 55.00N, 160.18W, h47km, 33km, mb3.7/7, mbmp3.8/10, ML3.4/3, MS3.2/3, Error ellipse: s-maj=11.6km s-min=3.9km az=156.0

ISC 02 18:58:33.1, 0.9, 54.84N, 0.06, 160.25W, 0.03, h43km, 9km, n112, r1931/113, mb4.1/8, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CHNA Chernabura Isl 0.39 91 P, CHNA Chernabura Isl 0.39 91 S, CNBA Chernabura Isl 0.39 93 S, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KDAK comp=N,37nm,0.6s, P18K Big Mountain, N15K Kwethluk, N15K comp=N,30nm,0.9s, etc.

IDC 02 19:06:57.6, 1.2, 31.01N, 92.52E, h0km, mb3.5/4, mbmp3.4/5, ML2.7/1, Error ellipse: s-maj=83.4km s-min=24.9km az=53.0, Kizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MKAR Makanchi Array 17.63 336 P, KURBB Kurchatov Arra 22.20 336 P, WRA Warramunga Arr 64.65 136 P, etc.

SJA 02 19:32:11.6, 0.7, 33.79S, 72.12W, h19km, 2km, ML3.2, MW3.6

GUC 02 19:32:14.0, 0.7, 33.83S, 72.03W, h31km, 7km, ML3.2

ISC 02 19:32:13.9, 1.2, 33.83S, 0.02, 72.07W, 0.04, h23km, 12km, n49, r1640/81, 3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include VA05 Santo Domingo, VA05 Pichilemu, BO03 Popeta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include G005 Hualane, G005 Renca, MT05 Renca, BO04 La Punta, etc.

IDC 02 19:45:56.3, 7.0, 30.69S, 179.95W, h406km, 58km, mb3.1/5, mbmp3.9/6, Error ellipse: s-maj=80.6km s-min=26.8km

Table of seismic events with columns for station name, magnitude, time, location, and other parameters. Includes stations like BRIC, KORM, KHMM, etc.

Table of seismic events with columns for station name, magnitude, time, location, and other parameters. Includes stations like PETK, SEY, MA2, SDV, etc.

Table of seismic events with columns for station name, magnitude, time, location, and other parameters. Includes stations like OUR, KKB, MMB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ACON Acopyapa, VRLE La Escondida, G2S2 Hotel Rincon d, etc.

IDC 02 20:50:24.4±5.8, 18°58'S×175°35'W, h345km±34km, mb3.1/3, mbtmp3.8/4, Error ellipse: s-maj=77.2km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, URZ Urewera, WRA Warramunga Arr, etc.

IDC 02 20:54:12.8±1.2, 43°81'N×127°56'W, h0km, mb3.6/9, mbtmp3.6/17, ML3.3/8, MS3.5/36, Error ellipse: s-maj=25.1km, s-min=11.3km, az=45.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like NEIC 02 20:54:13.2±2.4, 43°80'N×108°12'73'W, etc.

IDC 02 20:54:13.8±0.9, 43°79'N×101°10'127°67'W, h10km, n104, ±13/72, mb3.9/13, MS3.4/30, Off coast of Oregon

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like I02E Swisshome, J01E Myrtle Point, J01E, I03D Drain, etc.

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MCMT McKenzie Canyo, ISA Isabella, Lake, S11A Rachel, FURCO Furnace Creek, etc.

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MAN 02 20:56:05.0, 7°88'N×127°61'E, h14km, MS3.8, Philippine Islands region, CDOP Cateel, Davao, BIPH Bislig, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like QNZ, TNKZ, BSWZ, NNZ, TUWZ, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W1, H01W2, H01W3, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H03S3, SNA4, ULM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H03S3, SNA4, ULM, GERES, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H03S3, SNA4, ULM, GERES, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H03S3, SNA4, ULM, GERES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES, CLL, BRTR, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Wufeng Townshi, Emei, Fushanzhiwuyua, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Casey, Palmer Station, Vanda, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Dogotuki, Nonsavu, MSVF, etc.

ISC 03:00:36:02.5,0.6,52.85S;27.67E, h10km, mb4.3/16, mbtmp4.3/16, MS4.0/29, Error ellipse: s-maj=21.1km s-min=14.1km az=67.0

comp=Z,15nm,0.6s P P 00 43 46.1 +2.0
PMSA Palmer Station 40.74 217 LR 00 58 49.9
VANDA Vanda 46.81 168 P 00 44 33.5 +0.5

comp=Z,236nm,21.8s,baz=219,slow=35
VANDA Vanda 46.81 168 P 00 44 33.6 +0.5
VANDA Vanda 46.81 168 P Iamb Iamb 00 44 34.0 +0.9

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H04S2, H04S3, H04S1, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like CANY, PMSA, VANDA, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like DGTI, MSVF, MSVF, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H04S2, H04S3, H04S1, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like CANY, PMSA, VANDA, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like DGTI, MSVF, MSVF, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H04S2, H04S3, H04S1, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like CANY, PMSA, VANDA, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like DGTI, MSVF, MSVF, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H04S2, H04S3, H04S1, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like CANY, PMSA, VANDA, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like DGTI, MSVF, MSVF, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like H04S2, H04S3, H04S1, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like CANY, PMSA, VANDA, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like DGTI, MSVF, MSVF, etc.

DJA 03:00:52:58.6,0.4,0°N,3°12'0E", h10km, M4.1/19, mb4.4/1, mb3.9/2, MLV4.2/19, Mw(mb)3.6/1, Minahassa Peninsula, Sulawesi

3d 0h

Table with columns: Station, Name, Time, Status, and other details. Includes stations like MBWA Marble Bar, MEEK Meekatharra, VYDA Vanda, etc.

2020 AUG

Table with columns: Station, Name, Time, Status, and other details. Includes stations like BUCK Buck Mountain, I04A Tendick Farm, K05A Summer Lake, etc.

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Table with columns: Station, Name, Time, Status, and other details. Includes stations like KTH Maple Canyon, MPU Thorafore Moun, G16K Koyuk River, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 129-200.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 200-300.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other technical details for stations 300-400.

ICD 03.01:17:20:3.2,9.6,55SS:129.83E,h14km,39km,mb3.5/1, m3mt1p4/15,Error ellipse: s-maj=75.9km s-min=21.2km

3d 1h

2020 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHZ, RPZ, CTAO, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MJAR, JAGI, QSPA, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HLID, B08A, J18K, and many others.

2020 AUG

Table of astronomical observations for 2020 AUG, columns include Station Name, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other details.

Table of astronomical observations for 2020 AUG, columns include Station Name, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other details.

Table of astronomical observations for 2020 AUG, columns include Station Name, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and other details.

Table with columns for station name, coordinates, and status. Includes stations like White Island, Raukumara Rang, Carnagh Statio, etc.

Table with columns for station name, coordinates, and status. Includes stations like Alice Springs, Warramunga Arr, Fitzroy Crossi, etc.

Table with columns for station name, coordinates, and status. Includes stations like Malin Array Be, Torodi Ar Be, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, KTMS Ketmen, KRBS Karabastau, etc.

IDC 03 03:23:06 1.3, 0.6, 4.5S, 129.94E, h96km, 38km, mb3.6/4, mbtmp4.17, Error ellipse: s-maj=91.6km s-min=23.8km az=93.0

ISC 03 03:23:06 0.1, 0.6, 4.2S, 130.1E, 0.3, h100km, n8, r130/9, mb3.8/4, Banda Sea

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

MAN 03 03:24:12.0, 5.54N, 127.20E, h5km, MS3.9, DUA 03 03:24:17.8, 1.8, 5.1N, 127.7E, h27km, 22km, M4.5/11, mb5.2/3, mb4.6/4, MLv4/11, Mw(mb)4.6/3

ISC 03 03:24:13.9, 2.1, 5.50N, 105.126E, 0.07, h2km, 15km, n16, r232/26, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, GSPH General Santos, DAV Davao City (W), etc.

AEIC 03 03:36:58.7, 1.6, 5.5, 17N, 0.02, 159.51W, 0.07, h38km, 7km, Error ellipse: s-maj=5.9km s-min=2.8km az=72.0

NEIC 03 03:36:59.2, 1.5, 5.5, 16N, 0.08, 159.49W, 0.06, h39km, 11km, mb3.9/12, ML3.3/3B, ML2.2/EIC, Error ellipse: s-maj=9.9km s-min=1.4km az=52.0

ISC 03 03:36:59.2, 1.3, 5.5, 16N, 0.06, 159.49W, 0.03, h40km, 8km, n133, r090/140, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHNA Chernabura Isl, CNBA Chernabura Isl, SDPT Sand Point, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DOL Pavlov South-4, PNTA Pavlov North-F, CHIR Chirikof Island, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G31M Satah River, F31M Tsigehtich, INK Inuvik, etc.

JMA 03 03:45:37.3, 0.3, 2.6, N, 126.2E, h16km, 2km, MV3.1/10, NW OFF OKINAWAJIMA IS, IDC 03 03:45:38.6, 1.3, 2.6, 08N, 125.84E, h0km, mb3.4/5, mbtmp3.5/6, ML3.3/1, Error ellipse: s-maj=51.8km s-min=22.0km az=71.0

ISC 03 03:45:39.0, 1.1, 2.6, 2N, 0.1, 126.24E, 0.07, h10km, n15, r075/17, mb3.4/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKE Kume jima 2, JAGN Aguni-jima, J3T3 Nagatoyohara, etc.

NEIC 03 03:45:57.1, 1.9, 9.4S, 0.1, 171.3W, 0.1, h608km, 8km, mb4.1/26, Error ellipse: s-maj=20.4km s-min=16.3km az=58.0

IDC 03 03:45:58.3, 1.4, 9.38S, 71.23W, h624km, 20km, mb2.9/7, mbtmp3.8/10, Error ellipse: s-maj=29.7km s-min=15.3km az=41.0

ISC 03 03:45:57.2, 0.6, 9.36S, 0.09, 71.06W, 0.09, h608km, n47, r148/43, mb4.0/17, Peru-Brazil border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CZSB Cruzeiro do Su, LPAZ La Paz, LPAZ Atahualpa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBAR Mbarara, ASK Ala-Archa, LAK Lusaka, etc.

Table with columns: GARC POPC, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like POPC Popayan, Colom, FLOCC Florencia, etc.

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

JMA 03 04:40:11.9, 0.3, 2.6°N, 122°12'6"E, h17km, 2km, MV3.7/10, NW OFF OKINAWAJIMA IS

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2, JKE Aguni-jima, etc.

IDC 03 04:28:33.2, 0.7, 6.72N, 72.93W, h159km, 7km, mb3.4/7, mbmp4.0/10, MS2.6/1, Error ellipse: s-maj=22.8km

CATAC 03 04:28:33.5, 0.7, 7.3N, 137.3W, h158km, 5km, M4.5/8, mb4.9/1, mB4.4/2, MLV4.4/8, Mw(mB)3.6/2, Error ellipse: s-maj=10.7km

RSNC 03 04:28:35.0, 0.7, 7.1N, 137.3W, h144km, 1km, M4.2, mB5.1, mb4.4, ML3.8, Mw(mB)4.4

IDC 03 04:28:33.5, 0.6, 6.89N, 0.03:73.04W, h152km, 6km, n130, s194/163, mb4.3/20, 2C-4D, Northern Colombia earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC Barichara, PAMC Pamplona, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T59A Double 'B', W50A Signal Mount, T47A Sharon Grove, etc.

ISK 03 04:41:13.8, 35.56N, 26.75E, h5km, ML3.3/14

IDC 03 04:41:13.8, 1.5, 35.40N, 26.78E, h0km, mb3.4/4, mbmp3.4/6, ML2.8/2, Error ellipse: s-maj=40.2km

ATH 03 04:41:14.8, 35.52N, 26.83E, h6km, 1km, ML3.5/7, Latitude uncertainty: 2 km; Longitude uncertainty: 0 km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ZKR Zakros, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MARNC Mare Loyalty, WGMZ Waikomati, RWGZ Raikomara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JGF Kuroka, MJAR Matsushiro, HNS Hongsan, etc.

CIHU	Emiliano Zapat	2.15	307	Pn	06 47 27.1	0.0	VTVM		Sn	06 48 47.4	+0.2	MT03	Montecristo	13.51	103	Pn	06 50 05.9	+2.7
CIHU				Sn	06 47 53.2	+0.4	VTVM	Tizayuca	4.33	65	ES	HKT	Hockley	13.58	27	Pn	06 50 01.7	-2.1
MOIG	Morelia	2.38	44	EP	06 47 30.2	-0.3	VTVM		Pn	06 48 47.4	+0.2	HKT	Hockley	13.58	27	Pn	06 50 06.4	+2.5
MOIG				Sn	06 47 56.6	-2.2	DEIG	Demacu	4.36	57	EP	MT03	Montecristo	13.51	103	Pn	06 50 05.9	+2.7
MOIG	Morelia	2.38	44	EP	06 47 30.3	-0.1	DEIG		Sn	06 48 47.5	+0.8	BRDY	Brady	13.72	354	Pn	06 50 04.1	-1.9
ATYC	Atoyac	2.50	107	EP	06 47 33.1	+1.2	DHIG	Demacu	4.36	57	EP	BRDY	Brady	13.72	354	Pn	06 50 05.1	-1.0
ATYC				Sn	06 48 00.9	-0.6	DHIG		Sn	06 48 47.5	+0.3	MNTX	Cornudas Mnt	13.86	351	P	06 50 08.7	+1.0
ATYC	Atoyac	2.50	107	EP	06 47 33.1	+1.2	PHPU	Puebla	4.65	76	EP	MNTX	Cornudas Mnt	13.86	351	P	06 50 08.7	+1.0
ATYC				Sn	06 48 00.9	-0.6	PHPU		Sn	06 48 06.2	+4.5	TPB11	China Draw	13.95	356	Pn	06 50 09.1	0.0
CJM	Chamela	2.52	308	EP	06 47 31.3	-0.9	PHPU	Puebla	4.65	76	EP	TEIG	Tequila	14.04	78	Pn	06 50 09.2	-1.0
CJM				Sn	06 48 03.6	+1.6	PHPU		Sn	06 48 06.2	+4.5	121A	Cookes Peak D	15.15	344	IAMB	06 50 41.8	
TON2	Tonalá	2.66	354	EP	06 48 03.6	+1.6	RPU	Rio Verde	4.79	35	EP	comp=Z,14nm,0.9s						
TON2				Sn	06 48 07.7	+1.7	RPIG		Sn	06 48 56.7	+1.8	DUN6	Lazy B Ranch	15.50	340	IAMB	06 50 58.6	+0.4
TON2	Tonalá	2.66	354	EP	06 47 35.6	+1.3	RPIG	Rio Verde	4.79	35	EP	comp=Z,37nm,1.0s						
TON2				Sn	06 48 07.7	+1.7	RPIG		Sn	06 48 58.6	+0.4	NATX	Nacogdoches	15.64	27	IAMB	06 50 42.3	
CAIG	El Cayaco	2.70	109	EP	06 47 33.9	-0.8	ZAIG	Zacatecas	4.79	4	EP	comp=Z,59nm,1.1s						
CAIG				Sn	06 48 05.5	-1.1	ZAIG		Sn	06 48 04.1	+0.3	FW06	Azle	15.71	17	IAMB	06 50 37.6	
CAIG	El Cayaco	2.70	109	EP	06 47 33.9	-0.8	ZAIG	Zacatecas	4.79	4	EP	comp=Z,59nm,1.1s						
CAIG				Sn	06 48 05.5	-1.1	ZAIG		Sn	06 48 04.2	+1.0	DKNS	Dikens	15.74	6	IAMB	06 50 37.6	
ACAM	Acambaro	2.95	45	EP	06 47 41.4	+3.1	HLIG	Huajuapán de L	4.88	91	EP	comp=Z,31nm,1.0s						
ACAM				Sn	06 48 15.1	+2.2	HLIG		Sn	06 48 05.1	+1.3	MSTX	Muleshoe	15.94	0	IAMB	06 50 40.6	
ACAM	Acambaro	2.95	45	EP	06 47 41.4	+3.1	HLIG	Huajuapán de L	4.88	91	EP	comp=Z,31nm,1.0s						
ACAM				Sn	06 48 15.1	+2.2	HLIG		Sn	06 48 05.1	+1.7	TREL	Terrell	15.95	21	IAMB	06 50 39.5	
TOMAT	Tomatlan	2.95	313	EP	06 47 38.3	+0.2	TXIG	Tlaxiaco	4.98	97	EP	comp=Z,48nm,0.8s						
TOMAT				Sn	06 48 13.6	+1.0	TXIG		Sn	06 48 06.8	+0.5	TUC	Tucson	15.95	335	P	06 50 36.5	+0.8
ESTA	Talpa de Allen	3.02	323	EP	06 47 40.2	+1.0	TXIG	Tlaxiaco	4.98	97	EP	comp=Z,7.4nm,1.1s						
ESTA				Sn	06 48 18.1	+3.5	TXIG		Sn	06 48 06.8	+0.5	TUC	Tucson	15.95	335	P	06 50 36.5	+0.9
ESTA	Talpa de Allen	3.02	323	EP	06 47 40.2	+1.0	TXIG		Sn	06 49 04.2	+1.1	Z35A	Perchaven, S	16.13	17	IAMB	06 50 42.7	
ESTA				Sn	06 48 18.1	+3.5	TXIG		Sn	06 49 04.2	+1.1	WTF5	Witchita Falls	16.24	13	IAMB	06 50 43.3	
MEIG	Mezcala	3.15	90	EP	06 47 42.2	+1.2	YDIG	Yosondúa	5.26	101	EP	comp=Z,61nm,0.8s						
MEIG				Sn	06 48 17.4	-0.5	YDIG		Sn	06 48 10.2	+0.1	LOOK	Love County	16.77	17	IAMB	06 51 06.2	
MEIG	Mezcala	3.15	90	EP	06 47 42.2	+1.2	YDIG		Sn	06 49 08.9	-1.1	WMOK	Wichita Moun	17.11	12	Pn	06 50 50.4	0.0
MEIG				Sn	06 48 17.4	-0.5	YDIG		Sn	06 49 08.9	-1.1	X34A	Smith Ranch, M	17.18	14	IAMB	06 50 55.2	
IGIG	Irapuato, Guan	3.16	28	EP	06 47 42.2	+1.2	TPIG	Tehuacfan	5.32	84	EP	comp=Z,16nm,1.0s						
IGIG				Sn	06 48 19.5	+1.2	TPIG		Sn	06 49 11.9	+0.6	ALQ	Albuquerque	17.20	350	IAMB	06 51 04.7	
IGIG	Irapuato, Guan	3.16	28	EP	06 47 42.2	+1.2	TPIG		Sn	06 49 11.9	+0.6	ANMO	Albuquerque	17.20	350	Pn	06 50 52.9	+0.2
IGIG				Sn	06 48 19.5	+1.2	TPIG		Sn	06 49 11.9	+0.6	ANMO	Albuquerque	17.20	350	P	06 50 52.8	-0.3
DAIG	Los Arroyos	3.27	106	EP	06 47 42.0	+0.8	CXUV	Coxquihui	5.51	66	EP	comp=Z,11nm,1.2s						
DAIG				Sn	06 48 20.6	+0.2	CXUV		Sn	06 48 14.6	+1.2	ANMO	Albuquerque	17.20	350	Pn	06 50 52.9	+0.2
DAIG	Los Arroyos	3.27	106	EP	06 47 42.0	+0.8	CXUV		Sn	06 48 14.6	+1.2	ANMO	Albuquerque	17.20	350	P	06 50 52.8	-0.3
DAIG				Sn	06 48 20.6	+0.2	CXUV		Sn	06 48 14.6	+1.2	ANMO	Albuquerque	17.20	350	P	06 50 52.8	-0.3
PLIG	Platanillo	3.29	82	EP	06 47 41.7	-1.2	CTUV	Llano Grande	5.55	50	EP	comp=Z,0.1nm,0.3s,baz=149,slow=13,SNR=14						
PLIG				Sn	06 48 21.1	-1.2	CTUV		Sn	06 49 22.4	+5.6	ANMO	Albuquerque	17.20	350	P	06 50 52.8	-0.3
PLIG	Platanillo	3.29	82	EP	06 47 41.7	-1.2	CTUV	Llano Grande	5.55	50	EP	comp=Z,0.1nm,0.3s,baz=149,slow=13,SNR=14						
PLIG				Sn	06 48 21.1	-1.2	CTUV		Sn	06 49 22.4	+5.6	ANMO	Albuquerque	17.20	350	P	06 50 52.8	-0.3
TOVM	Toluca	3.35	66	EP	06 47 43.0	-1.0	TOIG	Toxpalán	5.58	88	EP	comp=Z,680nm,18.5s,baz=168,slow=41						
TOVM				Sn	06 48 23.5	+0.3	TOIG		Sn	06 49 19.5	+1.6	BOAB	BOACO BROADBAY	15.4	106	P	06 50 59.4	+2.8
TOVM	Toluca	3.35	66	EP	06 47 43.0	-1.0	TOIG		Sn	06 49 19.5	+1.6	BOAB						
TOVM				Sn	06 48 23.5	+0.3	TOIG		Sn	06 49 19.5	+1.6	BOAB						
MAVM	Malinalco, Edo	3.41	73	EP	06 47 44.5	-0.1	PEIG	Puerto Escondi	5.87	109	EP	comp=Z,63nm,1.3s						
MAVM				Sn	06 48 23.5	+0.3	PEIG		Sn	06 48 18.8	+0.5	BOAB	BOACO BROADBAY	15.4	106	P	06 50 59.4	+2.8
MAVM	Malinalco, Edo	3.41	73	EP	06 47 44.5	-0.1	PEIG		Sn	06 48 18.8	+0.5	BOAB						
MAVM				Sn	06 48 23.5	+0.3	PEIG		Sn	06 48 18.8	+0.5	BOAB						
ATVM	ATLACOMULCO	3.43	58	EP	06 47 46.5	+1.5	JAUV	Jalcomulco	5.98	76	EP	comp=Z,40nm,1.2s						
ATVM				Sn	06 48 27.5	+3.1	JAUV		Sn	06 48 17.9	-2.0	Z41A	Richard Creek	17.74	29	IAMB	06 51 09.0	
ATVM	ATLACOMULCO	3.43	58	EP	06 47 46.5	+1.5	JAUV		Sn	06 48 17.9	-2.0	W35A	Tecumseh	17.95	16	IAMB	06 51 03.6	
ATVM				Sn	06 48 27.5	+3.1	JAUV		Sn	06 48 17.9	-2.0	W35A						
OXIG	Oaxaca	5.98	98	EP	06 47 46.5	+1.5	OXIG	Oaxaca	5.98	98	EP	comp=Z,26nm,0.7s						
OXIG				Sn	06 48 25.9	+0.8	OXIG		Sn	06 49 23.1	-4.4	WLAR	White Oak Lake	17.96	27	IAMB	06 51 16.8	
OXIG	Oaxaca	5.98	98	EP	06 47 46.5	+1.5	OXIG		Sn	06 49 23.1	-4.4	WLAR						
OXIG				Sn	06 48 25.9	+0.8	OXIG		Sn	06 49 23.1	-4.4	WLAR						
VHO	Vista Hermosa	5.98	98	EP	06 47 46.2	+1.0	VHO	Vista Hermosa	5.98	98	EP	comp=Z,25nm,0.6s						
VHO				Sn	06 48 26.8	+1.5	VHO		Sn	06 48 21.6	+1.5	VBMS	Vicksburg	18.09	36	IAMB	06 51 02.6	
VHO	Vista Hermosa	5.98	98	EP	06 47 46.2	+1.0	VHO		Sn	06 48 21.6	+1.5	VBMS						
VHO				Sn	06 48 26.8	+1.5	VHO		Sn	06 48 21.6	+1.5	VBMS						
OXBJ	Oaxaca	5.99	98	EP	06 47 46.2	+1.0	OXBJ	Oaxaca	5.99	98	EP	comp=Z,25nm,0.6s						
OXBJ				Sn	06 47 47.8	+0.1	OXBJ		Sn	06 49 29.9	+1.9	ELIS	Ellis County	18.30	9	IAMB	06 51 13.8	
OXBJ	Oaxaca	5.99	98	EP	06 47 46.2	+1.0	OXBJ		Sn	06 49 29.9	+1.9	ELIS						
OXBJ				Sn	06 47 47.8	+0.1	OXBJ		Sn	06 49 29.9	+1.9	ELIS						
OXLC	Oaxaca	6.01	98	EP	06 47 47.8	+0.1	OXLC	Oaxaca	6.01	98	EP	comp=Z,18nm,0.8s						
OXLC				Sn	06 47 47.8	+0.1	OXLC		Sn	06 49 28.1	-0.4	OK029	Liberty Lake	18.42	14	IAMB	06 51 13.4	
OXLC	Oaxaca	6.01	98	EP	06 47 47.8	+0.1	OXLC		Sn	06 49 28.1	-0.4	OK029						
OXLC				Sn	06 47 47.8	+0.1	OXLC		Sn	06 49 28.1	-0.4	OK029						
MAIG	Mazatlán	6.14	328	EP	06 47 47.8	+0.1	MAIG	Mazatlán	6.14	328	EP	comp=Z,55nm,0.8s						
MAIG				Sn	06 48 32.2	+2.5	MAIG		Sn	06 48 22.4	+0.3	OK052	Battle Ridge R	18.76	16	IAMB	06 51 16.1	
MAIG	Mazatlán	6.14	328	EP	06 47 47.8	+0.1	MAIG		Sn	06 48 22.4	+0.3	OK052						
MAIG				Sn	06 48 32.2	+2.5	MAIG		Sn	06 48 22.4	+0.3	OK052						
MAIG	Mazatlán	6.14	328	EP	06 47 47.8	+0.1	MAIG		Sn	06 48 22.4	+0.3	OK052						
MAIG				Sn	06 48 32.2	+2.5	MAIG		Sn	06 48 22.4	+0.3	OK052						
GOZG	Gomez Farias	6.18	34	EP	06 47 50.4	+0.8	GOZG	Gomez Farias	6.18	34	EP	comp=Z,49nm,1.0s						
GOZG				Sn	06 48 30.3	-0.7	GOZG		Sn	06 48 32.3	+0.9	OK038	West end E0370	18.81	11	IAMB	06 51 17.6	
GOZG	Gomez Farias	6.18	34	EP														

WRA Warramunga Arr 126.02 258 PKHKP PKPpre 07 05 54.8
ASAR Alice Springs 126.85 254 PKHKP PKPpre 07 05 53.8

ESQI Esquipulas 1.60 355 P Pn 07 13 01.6 0.0
MARCA Marcala la Paz 1.65 43 I S Sn 07 13 21.8 +0.6
SARH Santa Rosa de 1.86 13 I P Pn 07 13 05.6 +0.4

IDC 03 08:24:39.6:4.6,30:59N:66:69E, h0km, mb3.6/5,
mbtmp3.7/5, Error ellipse: s-maj=132.4km
s-min=30.5km az=138.0, Pakistan

SDD 03 06:49:50.1:2.4,20:42N:70:74W, h22km, 34km, MD3.4,
ML2.4, MW3.2, Presumed earthquake
OSPL 03 06:49:52.2:1.3,20:31N:70:81W, h2km, 6km, ML2.5,
Presumed earthquake

IDC 03 07:49:49.7:3.7,53:55N:87:78E, h0km, mbtmp2.7/2,
ML2.5/2, Error ellipse: s-maj=35.1km s-min=18.0km
az=53.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array, ZALV Zalesovo Beam, TORD Torodi Ar. Bea.

SSNC 03 06:49:53.0:2.9,20:31N:71:10W, h5km, 16km, MD3.4,
ML2.7, Presumed earthquake
ISC 03 06:49:50.7:1.2,20:33N:0:03:70:89W, 0:04, h15km, 10km,
n28, c151/46, 17C-3D, Dominican Republic region

ASRS 03 07:49:46.0:4.8,53:62N:87:83E, h0km, M2.3(MOS), The
earthquakes of Russia in 2020. Obninsk, GS RAS,
2022, Southwestern Siberia

KRSZO 03 08:26:11.0:0.9,47:70N:16:08E, h7km, ML1.4/4, Error
ellipse: s-maj=4.5km s-min=4.2km az=24.0, Suspected
Explosion.
IPEC 03 08:26:10.9:0.1,47:71N:16:10E, h7km, ML1.6/7, Error
ellipse: s-maj=1.0km s-min=0.6km az=108.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include LUDR Luperon, LOPP1 Punta Rusia, SODR Sosua Marina B, MADR Mao Valverde, MCDR Montecristi.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include I46RU Zalesovo INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array.

IEC 03 08:26:11.0:0.1,47:70N:16:09E, h7km, ML1.6/3,
ML2.0/7, Error ellipse: s-maj=1.1km s-min=0.8km
az=146.0 2 km SSE of Neukirchen, Austria

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SC01 Santiago de lo, SC01 Santiago de lo.

KRNET 03 07:55:09.7:0.1,41:68N:74:35E, h27km, mb2.4
SOME 03 07:55:09.2,41:60N:74:30E, h15km
NMC 03 07:55:10.6:2.5,41:72N:74:21E, h0km, mb3.5, mpv3.0,
Error ellipse: s-maj=17.9km s-min=10.1km az=141.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include RONA Rosalia, Ausr, RONA Rosalia, Ausr, CONA Conrad Observa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SC01 Santiago de lo, SC01 Santiago de lo.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SOP Sopron, A004A Ebrechtsdorf, A004A Ebrechtsdorf, WINA Alland / Wiene.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include LODA1 ITESIL, Dajabo, GRTK Grand Turk, GRTK Grand Turk.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include AAK Ala-Archa, AAK Ala-Archa, ARSB Arslanbob, ARSB Arslanbob.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WINA Alland / Wiene, ARSA Arzberg, ARSA Arzberg, ARSA Arzberg.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MRKS Merke, MRKS Merke, MRKS Merke, MRKS Merke.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include BOOM Boomscoyech usch, BOOM Boomscoyech usch, BOOM Boomscoyech usch.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

IDC 03 08:30:37.6:1.0,6:60S:131:31E, h0km, mb4.2/5,
mbtmp4.4/12, ML4.4/6, Error ellipse: s-maj=23.1km
s-min=20.4km az=67.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

NEIC 03 08:30:39.8:1.4,6:65S:104:131:26E:0:07, h18km, 4km,
mb4.6/35, Error ellipse: s-maj=9.7km s-min=5.7km
az=96.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

DJA 03 08:30:44.6:0.3,6:52S:131:22E, h11km, 6km, M4.6/19,
mB5.2/7, mb4.5/13, MLV4.7/19, Mw(mB)4.6/7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

ISC 03 08:42:30.4:0.4,6:67S:104:131:26E:0:05, h42km, n98,
c2807/100, mb4.4/23, Tomar-Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SAUI Saumlaki, SAUI Saumlaki, BNDI Bandanaira, BNDI Bandanaira.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include DRS Darwin Rock St, DRS Darwin Rock St, DRS Darwin Rock St.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include DRS Darwin Rock St, DRS Darwin Rock St, DRS Darwin Rock St.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SWI Sorong, SWI Sorong, SWI Sorong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SWI Sorong, SWI Sorong, SWI Sorong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SWI Sorong, SWI Sorong, SWI Sorong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SWI Sorong, SWI Sorong, SWI Sorong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SWI Sorong, SWI Sorong, SWI Sorong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SWI Sorong, SWI Sorong, SWI Sorong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SWI Sorong, SWI Sorong, SWI Sorong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCH Uchtor, SALK Salom-Alik, SALK Ala-Archa, AAK Ala-Archa.

Table with columns for flight codes (YUK, MNI, ASAJ, etc.), destinations (Manado, Asahikawa, etc.), times, and status indicators (MLR, MLR, P, P, etc.).

Table with columns for flight codes (MDJ, DL2, SNY, etc.), destinations (Mudanjiang, Dalian, Shenyang, etc.), times, and status indicators (P, P, P, etc.).

Table with columns for flight codes (SOEI, BKB, HNS, etc.), destinations (Soe, Balikpapan, HongShan, etc.), times, and status indicators (P, P, P, etc.).

3d 8h

ENH	Enshi	36.99	298	P	P	08 38 21.6	+2.1
ENH	Enshi	36.99	298	P	P	08 38 19.1	-0.4
KNRA	Kunumurra	37.38	211	P	P	08 38 22.5	-0.3
KNRA	Kunumurra	37.38	211	P	P	08 38 25.1	+0.3
XLN	XilinHaoTe	37.64	322	eP	pP	08 38 29.0	+0.3
XLN	comp-Z,31nm,1.1s			pmax	pmax		
XLN	comp-Z,1µm,8.9s			L	L		
XLN	comp-Z,4µm,15.6s			L	L		
XLN	comp-Z,7µm,16.6s			L	L		
XLN	comp-Z,10µm,17.1s			L	L		
SARVU	Saraoutou	37.72	148	P	P	08 38 26.0	+0.4
SARVU	Saraoutou	37.72	148	P	P	08 38 25.2	+0.4
SARVU	Saraoutou	37.72	148	P	P	08 38 25.8	+0.2
DLV	Lat	38.01	268	P	P	08 38 30.1	+1.7
DLV	Lat	38.01	268	P	P	08 38 26.5	-2.0
QIS	Mount Isa	38.16	192	P	P	08 38 29.4	+0.1
QIS	Mount Isa	38.16	192	P	P	08 38 30.4	+1.1
QIS	Mount Isa	38.16	192	P	P	08 38 29.5	+0.2
WBSI	Waikabubak, Su	38.38	228	P	P	08 38 30.5	-0.8
XAN	Xi'an	38.38	304	P	P	08 38 31.1	-0.1
XAN				pP	pP	08 39 59.8	+0.7
XAN				PcP	PcP	08 40 46.3	+1.7
XAN				S	S	08 44 22.8	-2.6
XAN				ScP	ScP	08 44 31.0	-0.9
XAN				ScS	ScS	08 48 41.3	-0.7
XAN	comp-Z,21nm,1.0s			pmax	pmax		
XAN	comp-Z,1µm,8.6s			L	L		
XAN	comp-Z,4µm,16.3s			L	L		
XAN	comp-Z,2µm,14.1s			L	L		
WBO	Warramunga Arr	38.77	200	P	P	08 38 34.3	-0.1
WBO	Warramunga Arr	38.77	200	P	P	08 38 35.7	
WBO	comp-Z,111nm,0.8s			IAMB	IAMB		
WBO	Warramunga Arr	38.80	200	P	P	08 38 34.9	+0.2
GYA	Guiyang	38.88	291	P	P	08 38 36.4	+0.9
GYA	Guiyang	38.88	291	P	P	08 44 27.9	-5.2
GYA	comp-Z,55nm,0.7s			pmax	pmax		
WRO	Warramunga Arr	38.91	200	P	P	08 38 35.1	-0.5
WRO	Warramunga Arr	38.91	200	P	P	08 38 35.1	-0.5
WRO	Warramunga Arr	38.91	200	P	P	08 38 36.9	
WRO	comp-Z,122nm,0.9s			IAMB	IAMB		
HHC	Hu-ho-hao-te	38.93	315	eP	pP	08 38 38.4	+2.6
HHC	Hu-ho-hao-te	38.93	315	eP	pP	08 38 47.2	+0.8
HHC	Hu-ho-hao-te	38.93	315	eP	pP	08 44 33.8	+0.2
HHC	Hu-ho-hao-te	38.93	315	eP	pP	08 44 46.4	+6.5
HHC	comp-Z,25nm,0.8s			pmax	pmax		
HHC	comp-Z,140nm,5.1s			L	L		
HHC	comp-Z,2µm,19.3s			L	L		
HHC	comp-Z,2µm,14.3s			L	L		
HHC	comp-Z,2µm,20.2s			L	L		
WRAB	Tennant Creek	38.94	200	P	P	08 38 36.5	+0.6
WRAB	Tennant Creek	38.94	200	P	P	08 38 36.5	+0.6
WRAB	comp-Z,117nm,0.6s			pmax	pmax		
WRAB	Tennant Creek	38.94	200	P	P	08 38 35.9	0.0
WRAB	comp-Z,199nm,0.8s			P	P	08 38 36.1	+0.1
WB2	Warramunga Arr	38.95	200	P	P	08 38 36.1	+0.1
WB2	comp-Z,209nm,0.8s			P	P	08 38 35.8	-0.2
WRA	Warramunga Arr	38.95	200	P	P	08 38 35.8	-0.2
WRA	comp-Z,95nm,0.7s, baz=22, slow=9.1, SNR=41			PcP	PcP	08 40 47.0	+0.5
WRA	comp-Z,6.3nm,0.6s, baz=27, slow=3.5, SNR=2.4			ScP	ScP	08 44 34.1	0.0
WRA	comp-Z,12nm,1.2s, baz=27, slow=3.0, SNR=12			LR	LR	08 55 52.0	
WRA	comp-Z,1µm,18.2s, baz=35, slow=38			LR	LR	08 55 52.0	
WRA	comp-Z,95nm,0.7s			L	L		
WRA	Warramunga Arr	38.95	200	P	P	08 38 34.9	-1.1
WRA	comp-Z,21nm,0.6s, baz=134, slow=10, SNR=27			PcP	PcP	08 40 48.4	+1.0
HILR	Hailar Array B	39.40	332	P	P	08 44 34.0	-1.5
HILR	comp-Z,2.1nm,0.3s, baz=133, slow=6.1, SNR=3.4			ScP	ScP	08 44 34.0	-1.5
HILR	comp-Z,0.7nm,0.3s, baz=126, slow=9.3, SNR=3.9			LR	LR	08 54 43.4	
HILR	comp-Z,3µm,18.7s, baz=100, slow=36			L	L		
TSWI	Taliwang, Sumb	39.62	232	P	P	08 38 40.3	-1.4
ZEA	Zeya	39.84	341	eP	eP	08 38 43.3	+0.3
ZEA	Zeya	39.84	341	eP	eP	08 40 12.2	
ZEA	comp-E,30nm,1.4s			pmax	pmax		
ZEA	comp-E,50nm,1.1s			pmax	pmax		
ZEA	comp-Z,80nm,1.5s			pmax	pmax		
ZEA	comp-E,200nm,8.3s			pmax	pmax		
ZEA	comp-N,300nm,5.5s			pmax	pmax		
ZEA	comp-Z,800nm,9.3s			smax	smax		
ZEA	comp-E,400nm,10.2s			smax	smax		
ZEA	comp-N,1µm,13.5s			MLR	MLR		
ZEA	comp-E,1µm,14.0s			MLR	MLR		
ZEA	comp-N,1µm,19.0s			MLR	MLR		
ZEA	comp-Z,2µm,15.0s			MLR	MLR		
BTO2	Baotou	40.04	314	eP	pP	08 38 46.0	+1.0
BTO2	Baotou	40.04	314	eP	pP	08 38 49.9	-0.5
BTO2	Baotou	40.04	314	eP	pP	08 40 18.4	+1.3
BTO2	Baotou	40.04	314	eP	pP	08 44 53.2	+2.9
BTO2	comp-Z,18nm,0.5s			pmax	pmax		
BTO2	comp-Z,2µm,6.6s			L	L		
BTO2	comp-Z,4µm,13.6s			L	L		
BTO2	comp-Z,4µm,16.9s			L	L		
BTO2	comp-Z,5µm,16.2s			L	L		
AUNRC	North Rockhamp	40.27	176	P	P	08 38 47.9	+1.1
KHKI	Kahang-Kahang	40.36	234	P	P	08 38 48.5	+0.7
KHKI	comp-Z,2µm,comp-Z,156nm,1.3s			P	P	08 38 49.4	+0.5
SRBI	Singaraja	40.49	234	P	P	08 38 52.5	+1.2
GD1S	Gladstone Soft	40.81	175	P	P	08 38 53.2	+1.3
KMMI	Kalianget	40.85	237	P	P	08 38 53.0	+1.2
KOUNC	Koumac, New Ca	40.86	155	P	P	08 38 52.1	+0.3
KOUNC	Koumac, New Ca	40.86	155	P	P	08 38 52.4	-0.2
RTBI	Rangdo, Negare	40.93	234	P	P	08 38 52.5	+1.2
FITZ	Fitzroy Crossi	41.00	213	P	P	08 38 53.2	+0.3

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FITZ	Fitzroy Crossi	41.00	213	P	P	08 38 52.9	0.0
FITZ	comp-Z,93nm,1.1s, baz=30, slow=10, SNR=15			LR	LR	08 55 59.7	
FITZ	comp-Z,2µm,19.5s, baz=33, slow=36			L	L		
FITZ	Fitzroy Crossi	41.00	213	P	P	08 38 54.4	+1.5
FITZ	Fitzroy Crossi	41.00	213	P	P	08 38 52.1	-0.8
ABJI	Asem Bagus	41.08	236	P	P	08 38 57.2	+3.4
SLVN	Son La	41.24	283	P	P	08 38 56.8	+1.6
SLVN	Son La	41.24	283	P	P	08 38 53.8	-1.4
SLVN	Son La	41.24	283	P	P	08 38 56.0	+0.8
SHEM	Shemys Is, Ala	41.30	24	LR	LR	08 54 26.2	
SHEM	comp-Z,2µm,20.2s, baz=218, slow=34			L	L		
JAGI	Jajag, Banyuwa	41.55	235	P	P	08 38 59.1	+1.4
JAGI	Jajag, Banyuwa	41.55	235	P	P	08 38 59.1	+1.4
JAGI	Jajag, Banyuwa	41.55	235	P	P	08 38 54.7	-2.9
BLJI	Banyugluru	41.56	236	P	P	08 38 57.7	0.0
CD2	Chengdu	41.97	297	P	P	08 39 00.6	-0.4
CD2	Chengdu	41.97	297	P	P	08 39 05.8	-0.7
CD2	Chengdu	41.97	297	P	P	08 45 19.7	+0.6
CD2	comp-Z,40nm,0.7s			pmax	pmax		
CD2	comp-Z,1µm,7.6s			L	L		
CD2	comp-Z,6µm,15.5s			L	L		
CD2	comp-Z,4µm,12.9s			L	L		
CD2	comp-Z,2µm,16.9s			L	L		
KM12	Kunming	42.31	289	P	P	08 39 04.7	+0.6
KM12	Kunming	42.31	289	P	P	08 45 25.8	+1.1
KM12	comp-Z,36nm,1.1s			pmax	pmax		
KM12	comp-Z,950nm,8.0s			L	L		
KM12	comp-Z,2µm,13.4s			L	L		
KM12	comp-Z,2µm,16.5s			L	L		
KM12	comp-Z,3µm,16.2s			L	L		
EIDS	Eidsvold	42.32	175	P	P	08 39 03.9	+0.2
EIDS	Eidsvold	42.32	175	P	P	08 39 04.5	+0.8
EIDS	Eidsvold	42.32	175	P	P	08 39 03.6	-0.1
EIDS	Eidsvold	42.32	175	P	P	08 39 03.3	-0.4
MA2	Magadan	42.53	3	P	P	08 39 04.7	-0.3
MA2	comp-Z,50nm,0.8s, baz=17, slow=9.3, SNR=14			LR	LR	08 53 57.9	
MA2	Magadan	42.53	3	P	P	08 39 07.7	+2.7
MA2	Magadan	42.53	3	P	P	08 39 06.9	+1.9
MA2	comp-Z,180nm,1.7s			pmax	pmax		
MA2	Magadan	42.53	3	P	P	08 39 04.9	-0.1
MA2	Magadan	42.53	3	P	P	08 39 19.0	
MA2	comp-Z,100nm,1.0s			IAMB	IAMB		
MA2	Magadan	42.53	3	P	P	08 39 06.2	+1.2
MA2	Magadan	42.53	3	P	P	08 39 06.6	+1.5
AS15	Alice Springs	42.55	199	P	P	08 39 07.0	+1.4
AS17	Alice Springs	42.55	198	P	P	08 39 07.7	+1.0
AS01	Alice Springs	42.56	198	P	P	08 39 06.9	+1.1
AS31	Alice Springs	42.58	198	P	P	08 39 06.9	+1.0
AS31	Alice Springs	42.58	198	P	P	08 39 05.9	0.0
AMKA	Amchitka	42.58	29	P	P	08 39 05.9	+0.4
ASAR	ASAR	42.58	198	P	P	08 39 06.0	+0.1
ASAR	comp-Z,23nm,0.7s, baz=17, slow=7.1, SNR=28			PcP	PcP	08 40 59.9	+1.7
ASAR	comp-Z,12nm,1.0s, baz=17, slow=6.4, SNR=2.6			ScP	ScP	08 44 48.1	-0.2
ASAR	comp-Z,8.7nm,1.2s, baz=18, slow=3.7, SNR=5.6			S	S	08 45 27.2	-0.7
ASAR	comp-Z,8.2nm,1.1s, baz=24, slow=22, SNR=12			LR	LR	08 57 07.2	
AS09	Alice Springs	42.60	198	P	P	08 39 07.0	+1.0
AUALC	St Philip's Co	42.61	199	P	P	08 39 07.1	+1.

Table with columns for station code, name, elevation, and forecast data. Includes stations like SATY, GLI, TDK, etc.

Table with columns for station code, name, elevation, and forecast data. Includes stations like NRN, BOOM, BOOM, etc.

Table with columns for station code, name, elevation, and forecast data. Includes stations like DZA, UDPR, E29M, etc.

PH02	comp=Z,22nm,1.4s	96.14	50	P	P	08 44 37.6	-0.5
PH02	Texas Public H			I	Amb	08 45 13.3	
KONO	comp=Z,29nm,1.5s	96.26	340	eP	PP	08 44 42.6	-4.8
KONO	Kongsberg			eP	PP	08 48 30.8	+0.3
KONO				eSK	Sac	08 55 13.5	-0.1
KONO				SP	Sac	08 57 18.1	+3.0
KONO				SS	SS	09 02 30.1	+3.4
PECS	Pecos	96.38	55	eSS	P	08 44 39.6	-0.6
BR131	Keskin Array S	96.44	315	P	P	08 44 37.9	-1.5
BR131	Keskin Array S	96.44	315	P	P	08 44 38.3	-1.1
BR131	Keskin Array S	96.44	315	P	I	08 44 38.2	-1.1
BR131	Keskin Array S	96.44	315	P	Amb	08 44 35.4	
BRTR	comp=Z,24nm,1.1s	96.44	315	P	P	08 44 38.0	-1.4
BRTR	Keskin Array B			PP	PP	08 48 31.9	-1.0
BRTR	comp=Z,0.2nm,0.3s,baz=97,slow=6.0,SNR=2.4			LR	LR	09 34 25.7	
BRTR	comp=Z,507nm,18.0s,baz=46,slow=39						
BRTR	comp=Z,6.9nm,0.9s	96.44	315	P	P	08 44 37.9	-1.5
BRTR	Keskin Array B	96.44	315	P	P	08 44 38.5	-1.0
BR105	Keskin Array S	96.44	315	P	P	08 44 38.5	-1.0
KIRS	Kirsehir-Merke	96.53	314	I	P	08 44 38.6	-1.1
AMTX	Amarillo	96.56	51	I	Amb	08 45 08.8	
SUE	Sulen	96.62	343	eP	PP	08 44 44.2	+4.7
SUE				eP	PP	08 48 33.8	+0.6
HPIG		96.71	59	P	P	08 44 40.3	-0.6
L34A	Svendsen Farm,	96.92	42	P	P	08 44 40.0	-1.3
L34A				I	Amb	08 44 47.4	
ASK	comp=Z,11nm,0.7s	96.97	342	eP	P	08 44 44.5	+3.4
ASK	Askoy			eP	PP	08 48 36.3	+0.4
ASK				eP	PP	08 57 23.8	+1.1
ASK				eSS	SS	09 02 40.9	+3.4
ALPN	Alpine	96.97	55	P	P	08 44 41.0	-0.9
ODD1	Odda	97.00	341	P	P	08 44 40.5	+3.7
ODD1				eP	PP	08 48 37.1	+1.0
ODD1				eP	PS	08 57 27.4	+1.5
BER	Bergen	97.01	342	eP	P	08 44 45.2	+3.9
BER				eP	PP	08 48 36.6	+0.4
BER				eSK	Sac	08 55 17.0	-0.4
BER				eSP	SS	08 57 26.2	+3.1
BER				eSS	SS	09 02 42.1	+4.1
R32A	Long Quarter,	97.08	46	P	P	08 44 40.8	-1.4
R32A				I	Amb	08 44 46.6	
TPGR	comp=Z,14nm,1.1s	97.19	321	I	P	08 44 42.3	-0.2
MNHN	Monahans	97.26	54	P	P	08 44 42.5	-0.6
TX31	Lajitas Ar. Si	97.37	56	P	Pdf	08 44 44.2	+0.4
TX31				I	Amb	08 44 59.9	
TXAR	comp=Z,18nm,1.4s	97.37	56	P	Pdf	08 44 44.4	+0.6
TXAR	Lajitas Array			LR	LR	09 27 57.9	
TXAR	comp=Z,2.1nm,13.0s,baz=301,slow=35						
TXAR	comp=Z,8.2nm,0.8s	97.37	56	P	P	08 44 42.5	-0.9
TXAR	Lajitas Array	97.37	56	P	Pdf	08 44 43.9	0.0
TIRR	Tirgusor	97.41	321	P	P	08 44 42.5	-0.9
TIRR				pm	pm	08 44 44.8	
TIRR	comp=Z,6.0nm,0.5s	97.41	321	P	P	08 44 42.5	-0.9
SPMN	Marine on St.	97.43	38	P	Pdf	08 44 44.1	+0.5
SPMN				I	Amb	08 44 44.8	
BL55	Blasjo	97.44	341	eP	Pdf	08 44 47.2	+3.9
BL55				eP	PP	08 48 40.2	+0.6
BL55				eSK	Sac	08 55 18.4	-1.5
BL55				eSS	SS	09 02 48.3	+4.0
BUR08	Bucovina Ar. S	97.49	325	P	P	08 44 42.5	-1.5
BURAR	Bucovina Array	97.50	325	I	P	08 44 43.0	-0.9
BURAR	Bucovina Array	97.50	325	I	P	08 44 43.0	-0.9
BURAR	Bucovina Array	97.50	325	P	P	08 44 42.7	-1.2
VRI	Vrincioia	97.64	323	P	P	08 44 44.1	-0.4
TMB01	Midkiff	97.64	54	I	Amb	08 44 58.5	
HOMB	Homborsund	97.68	339	eP	Pdf	08 44 47.6	+3.2
HOMB				eP	PP	08 48 42.5	+1.1
MDUB	Mudurnu	97.72	316	P	P	08 44 44.1	-1.0
OK038	West end E0370	97.97	48	I	Amb	08 44 48.5	
KMY	Karmoy	97.98	341	eP	Pdf	08 44 48.8	+3.1
KMY				eP	PP	08 48 45.0	+1.4
KMY				eSK	Sac	08 55 24.0	+1.5
KMY				eSS	SS	09 02 54.9	+3.2
BORG	Borgarnes	98.00	355	LR	LR	09 33 22.4	
MMAI	Mount Meron Ar	98.25	308	P	Pdf	08 44 48.0	+0.3
MMAI				LR	LR	09 34 51.3	
MMAI	comp=Z,134nm,18.1s,baz=8.6,slow=38						
MMAI	comp=Z,2.3nm,0.3s,baz=57,slow=6.1,SNR=3.5						
MLR	comp=Z,477nm,19.3s,baz=34,slow=39						
MLR	Muntele Rosu	98.30	323	P	Pdf	08 44 48.0	+0.3
MLR	Muntele Rosu	98.30	323	I	Amb	08 44 52.8	
SAND	comp=Z,35nm,2.0s	98.34	55	P	P	08 44 47.9	-0.2
ASPERT	Aspermont	98.41	51	I	Amb	08 44 50.5	
OJC	Ojcow	98.74	329	eP	PP	08 44 49.0	-0.3
OJC				eP	PP	08 48 50.5	+0.7
OJC				eP	PP	08 44 48.8	-0.5
OJC				eP	PP	08 44 48.8	-0.5
WMOK	Wichita Mounta	98.76	50	P	Pdf	08 44 49.8	0.0
WMOK				pm	pm	08 44 49.8	0.0
WMOK	Wichita Mounta	98.76	50	P	Pdf	08 44 49.8	0.0
VOIR		98.85	323	I	P	08 44 53.2	+3.2
VOIR		98.85	323	I	P	08 44 53.2	+3.2
ABTX	Abilene, Hawle	99.08	52	P	Pdf	08 44 51.1	-0.2
ABTX				I	Amb	08 45 04.8	
DRGR		99.36	325	I	P	08 44 52.7	+0.4
DRGR		99.36	325	I	P	08 44 52.7	+0.4
LANS	Liptovska Anna	99.59	328	eP	Pdf	08 44 52.7	-0.5
LANS	Liptovska Anna	99.59	328	eP	Pdf	08 44 52.7	-0.5
OKC	Ostrava-Krasne	99.80	329	eP	Pdf	08 44 50.7	-3.3
OKC				e		08 55 56.8	
OKC				e	MLR	08 55 23.4	
OKC				e	MLR	08 55 32.1	
OKC	comp=Z,2.1nm,16.2s	99.80	329	eP	Pdf	08 44 50.7	-3.3
OKC	Ostrava-Krasne			eP	PP	08 48 56.8	-1.1
OKC				eSK	S	08 55 23.4	
OKC				eSK	S	09 34 40.0	
JCT	comp=Z,2.1nm,16.2s	99.92	54	P	Pdf	08 44 55.3	+0.2
JCT	Junction City			pm	pm	08 44 55.3	+0.2
JCT	comp=Z,19nm,1.4s	99.92	54	Pdf	I	08 44 55.3	+0.2
JCT	Junction City			I	Amb	08 45 07.6	
W35A	comp=Z,42nm,1.8s	99.99	51	Pdf	Pdf	08 44 55.9	-0.6
W35A	Palo Pinto	100.00	331	eP	Pdf	08 44 54.9	-0.1
KSP	Ksiaz	100.00	331	eP	PP	08 48 59.9	+0.5
KSP				eP	PP	08 44 54.7	-0.2
MORC	Moravsky Berou	100.13	330	eP	Pdf	08 44 55.8	+0.2
PSZ	Piszkesteto	100.16	327	P	Pdf	08 44 54.9	-0.9
PSZ	Piszkesteto	100.17	53	Pdf	Pdf	08 44 56.3	+0.1
BRDY	Brady	100.23	331	eP	Pdf	08 44 49.8	-6.2
OSTC				e		08 55 32.1	
OSTC				e	MLR	08 55 32.1	
OSTC	comp=Z,2.1nm,17.8s	100.23	331	eP	Pdf	08 44 49.8	-6.2
OSTC	Ostias			eP	PP	08 48 51.3	-1.0
OSTC				eSK	S	08 55 32.1	-2.1
OSTC				eSK	S	09 35 00.0	
MAUC	comp=Z,2.1nm,17.8s	100.26	329	eP	Pdf	08 44 54.4	-1.8
MAUC	Maruska			eP	S	08 55 32.6	-1.9

MAUC	comp=Z,3um,16.4s	100.29	331	eP	AMS	08 48 54.0	-7.6
CHVC	Chvalec			eP	AMS	09 38 00.0	
CHVC				eP	AMS	08 48 54.0	-7.6
KRLC	Kraliky	100.29	330	eP	Pdf	08 44 55.3	-1.0
KRLC				eP	PP	08 49 02.3	+0.6
KRLC				eP	AMS	09 35 20.0	
DPC	Dobruska-Polom	100.32	331	eP	Pdf	08 44 55.3	-1.1
DPC				MLR	MLR	08 44 55.3	-1.1
DPC	Dobruska-Polom	100.32	331	eP	Pdf	08 44 55.3	-1.1
DPC				eP	PP	08 48 54.0	-7.9
DPC				eP	AMS	09 35 00.0	
VYHS	Vyhne	100.33	328	I	P	08 44 57.4	+0.9
VYHS				eP	Pdf	08 49 05.2	
VYHS	Vyhne	100.33	328	eP	Pdf	08 44 57.4	+0.9
VYHS				eP	PP	08 49 05.2	+3.2
VYHS	Ujpec	100.36	331	eP	Pdf	08 44 53.0	-1.2
VYHS				e		08 55 30.5	
UPC				e	MLR	08 55 30.5	
UPC				e	MLR	08 55 30.5	
UPC	comp=Z,2um,18.6s	100.36	331	eP	Pdf	08 44 55.3	-1.2
UPC	Ujpec			eP	PP	08 49 07.8	-1.5
UPC				eSK	S	08 55 30.5	-4.3
UPC				eSK	S	09 35 00.0	
JAVC	comp=Z,2um,18.6s	100.68	329	eP	Pdf	08 44 58.1	0.0
HNDO	Velka Javorina	100.75	55	Pdf	Pdf	08 44 57.5	-1.3
HNDO				eP	PP	08 44 57.8	-1.2
VRAC	Vranov	100.90	330	I	P	08 44 57.8	-1.2
VRAC				eP	Pdf	08 44 57.8	-1.2
VRAC	Vranov	100.90	330	I	P	08 44 57.8	-1.2
VRAC				eP	Pdf	08 44 57.8	-1.2
VRAC	Vranov	100.90	330	eP	Pdf	08 49 06.2	-0.1
VRAC				eP	PP	08 49 06.2	-0.1
VRAC				eP	AMS	08 49 59.6	-7.4
VRAC	</						

Table with columns: CPUD, Station Name, Frequency, Mode, and other technical details. Includes stations like Villa Florida, Forte Coimbra, Porto Curtinho, etc.

IDC 03 08:38:26.1323.0,53:51N:2:26E,h0km, Error ellipse: s-maj=174.2km s-min=126.9km az=151.0, North Sea

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like FREYUNG INFRAS, 137NO, GRACIOSA ISLAN, etc.

SKHL 03 08:40:45.4,0.4,7.70N:148.70E,h429km,8km,mb3.6/10, msh5.0/6
JMA 03 08:40:48.0,4.0,7.70N:148.70E,h386km,MV4.0/14, SOUTHERN SEA OF OKHOTSK
IDC 03 08:40:50.1,1.48:03N:148.37E,h393km,12km, mb3.3/12,mbtmp4.1/20, Error ellipse: s-maj=17.6km s-min=9.7km az=143.0

NEIC 03 08:40:51.0,1.3,48:1N:0:1:148:3E:0:2,h394km,6km, mb4.1/80, Error ellipse: s-maj=21.7km s-min=11.6km az=137.0

IDC 03 08:40:48.8,0.4,47.77N:0:06:148:54E:0:06,h384km, n128,0171/139,mb4.1/42, Northwest of Kuril Islands

Main table listing various stations and their technical details, including REI, KUR, YSS, SHO, YUK, JRA, NEM, NMR, JNK, JTKR, JAK, JKA, ASAJ, ASAR, JAR, JJK2, SKR, JOB, JCH, PAU, JNBK, ERM, PEAO, PETK, JTKM, JANG, JTH, KLR, KLR, USR4, USR5, USR6, USR7, USR8, USR9, USR10, USR11, USR12, USR13, USR14, USR15, USR16, USR17, USR18, USR19, USR20, USR21, USR22, USR23, USR24, USR25, USR26, USR27, USR28, USR29, USR30, USR31, USR32, USR33, USR34, USR35, USR36, USR37, USR38, USR39, USR40, USR41, USR42, USR43, USR44, USR45, USR46, USR47, USR48, USR49, USR50, USR51, USR52, USR53, USR54, USR55, USR56, USR57, USR58, USR59, USR60, USR61, USR62, USR63, USR64, USR65, USR66, USR67, USR68, USR69, USR70, USR71, USR72, USR73, USR74, USR75, USR76, USR77, USR78, USR79, USR80, USR81, USR82, USR83, USR84, USR85, USR86, USR87, USR88, USR89, USR90, USR91, USR92, USR93, USR94, USR95, USR96, USR97, USR98, USR99, USR100.

Main table listing various stations and their technical details, including TNA, K13K, M13K, L14K, M14K, G16K, M16K, G18K, M17K, N17K, F19K, J18K, H19K, IMAR, G21K, LZDM, Q19K, S19K, COLD, TRF, NEA2, O22K, SEW, SML, IL31, ILAR, ILAR, E25K, L27K, M27K, I29M, HYT, P29M, MKAR, MKAR, KURB, KURB, PLID, FINES, NVAR, NVAR, NV11, YNE, PD31, PDAR, PDAR, WRA, HMU, CBX, PV22, PV22, PV19, ASAR, ASAR, TX31, TXAR, TXAR, SAND, SAND, BATO, FCAR, FCAR, BRDY, BRDY, MMNY, WHTX, WHTX, O52A, L59A, SWET, CPCT, CO06, CO01, CO03.

Main table listing various stations and their technical details, including CO02, CO04, SJA, GUC, ISC, Code, Station Name, Frequency, Mode, and other technical details. Includes stations like Combarbal, Los Peladeros, SJA 03 09:03:42.3, GUC 03 09:03:44.1, ISC 03 09:03:43.7, etc.

3d 10h

Table with columns: STKA, Stephens Creek, 48.91 187 P, P, 09 49 43.6 +0.2, etc.

JMA 03 09:47:02.6:0.3,26:3N:0.7x12°7E, h15km, 1km, NEAR OKINAWAJIMA ISLAND

ICC 03 09:47:03.7:1.2,26:02N:125:78E, h0km, mb3.6/4, mbtmp3.6/5, ML3.3/1, MS3.5/2, Error ellipse: s-maj=51.9km s-min=20.2km az=70.0

ISC 03 09:47:01.3:1.7,26:21N:0.08:126:67E:0.07, h2km=13km, n20, s162/18, mb3.6/5, Ryukyu Islands

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

ASRS 03 09:55:01.0:0.7,54:26N:86:87E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ICC 03 09:55:02.7:1.6,54:28N:86:92E, h0km, mb4.1/1, mbtmp3.5/3, ML2.8/2, MS3.2/2, Error ellipse: s-maj=18.2km s-min=14.3km az=161.0, Southwestern Siberia

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

WEL 03 10:10:59.5:1.1,33°S,24:17°W, h285km, 31km, ML4.0/8, mb4.2/8, ML4.2/8, Mw(MB)3.4/4, Error ellipse: s-maj=52.6km s-min=15.5km az=123.5, confirmed, South of Kermadec Islands

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

2020 AUG

Table with columns: OTVZ, Oturere, 7.62 218 P, Pn, 10 12 49.1 +0.7, etc.

ICC 03 10:11:10.6:0.8,7:04S:125:40E, h507km, 11km, mb3.2/12, mbtmp4.2/17, Error ellipse: s-maj=22.8km s-min=9.0km az=69.0

DJA 03 10:11:02.0:0.5,7°S:4:12°16'E, h535km, 8km, M4.3/23, mb4.7/3, mb4.1/17, MLV4.4/23, Mw(MB)3.9/3

NEIC 03 10:11:12.5:2.1,7:04S:0:09:125:5E:0.1, h528km, 10km, mb4.5/7, Error ellipse: s-maj=15.7km s-min=12.3km az=103.0

ISC 03 10:11:11.4:0.5,7:04S:0:06:125:46E:0.08, h511km, n52, s180/55, mb3.7/15, Banda Sea

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

Table with columns: ELDT, LOD, Lodumlu, 0.48 238 S, Sg, 10 23 17.0 +0.1, etc.

KRSC 03 10:23:21.6:1.1,55:83N:165:22E, h50km, 19km, ML3.7, Komandorskiy Islands

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

NOU 03 10:23:34.4:2:53S:173:01E, h0km, MLv3.6/6, South Island, New Zealand

WEL 03 10:23:35.2:0.3,42°S:2:17°E, h5km, M3.3/27, ML2.9/13, MLv3.3/27, Error ellipse: s-maj=3.5km s-min=2.2km az=109.1, confirmed

ISC 03 10:23:34.9:0.9,42:42S:0:02:173:07E:0.03, h14km, 7km, n77, s173/86, South Island

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

ISK 03 10:23:02.5:40:15N:33:31E, h5km, ML2.5/16

AFAD 03 10:23:03.2:40:11N:33:25E, h7km, 2km, ML2.3

ISC 10:23:03.0:0.9,40:14N:0:02:33:30E:0.02, h16km, 6km, n29, s075/42, Turkey

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

GAR	Garm	18.68	48	P	P	11 41 27.1	-1.0
NIL	Nilore	18.63	66	P	P	11 41 30.2	+0.5
NIL	comp=Z,108nm,0.5s			pmax	pmax		
NIL	Nilore	18.83	66	P	P	11 41 30.2	+0.5
NIL	Nilore	18.83	66	P	P	11 41 30.5	+0.8
MANEM	Manem	18.92	54	P	P	11 41 30.1	-0.8
MANEM	comp=Z,50nm,0.6s			Iamb	Iamb	11 41 37.4	
SOC	Sochi	18.97	330	eP	P	11 41 32.1	+1.0
SOC	comp=Z,11nm,0.6s			eP	P	11 45 05.0	
BR104	Keskin Array S	19.74	312	P	P	11 41 40.5	+0.8
BR104	comp=Z,86nm,comp=Z,12nm,0.8s			pP	pP	11 41 44.4	+0.4
BRTR	Keskin Array B	19.75	312	P	P	11 41 41.1	+1.3
BRTR	comp=Z,0.4nm,0.3s,baz=132,slow=13,SNR=49						
BRTR	comp=Z,7.8nm,0.6s			AML	AML		
BRTR	Keskin Array B	19.75	312	P	P	11 41 40.5	+0.7
BR131	Keskin Array S	19.75	312	iP	P	11 41 40.9	+1.1
BR131	Keskin Array S	19.75	312	P	P	11 41 40.7	+0.9
BR105	Keskin Array S	19.75	312	P	P	11 41 41.1	+1.1
BR105	comp=Z,97nm,comp=Z,13nm,0.9s			pP	pP	11 41 44.4	+0.1
BR106	Keskin Array S	19.77	312	P	P	11 41 41.1	+1.1
BR106	comp=Z,93nm,comp=Z,12nm,1.1s			P	P	11 41 41.1	+1.1
DRK	Karamyk	19.92	49	P	P	11 41 42.6	+0.7
DRK	comp=Z,28nm,0.8s			pmax	pmax		
DRK	Karamyk	19.92	49	P	P	11 41 42.6	+0.7
DRK	comp=Z,28nm,0.8s			Iamb	Iamb	11 41 48.1	
SNOP	Sinop	20.13	320	P	P	11 41 43.4	-0.5
BZK	Bozkurt	20.79	318	P	P	11 41 51.1	+0.1
BZK	comp=Z,40nm,1.0s			Iamb	Iamb	11 42 21.9	
ELL	Elmali	21.13	301	P	P	11 41 55.4	+0.6
ELL	comp=Z,16nm,0.7s			pmax	pmax		
ELL	Elmali	21.13	301	P	P	11 41 55.4	+0.6
ELL	comp=Z,16nm,0.7s			Iamb	Iamb	11 42 01.8	
AKAS	Kas	21.20	300	P	P	11 41 55.5	-0.1
AKAS	comp=Z,41nm,1.3s			Iamb	Iamb	11 42 04.6	
KK31	Karatay Array	21.24	39	P	P	11 41 56.0	+0.1
KK31	comp=Z,36nm,1.1s			pmax	pmax		
KK31	Karatay Array	21.24	39	P	P	11 41 56.0	+0.1
KK31	comp=Z,36nm,1.1s			Iamb	Iamb	11 42 00.5	
KKAR	Karatay Array	21.24	39	P	P	11 41 55.8	-0.1
KKAR	comp=Z,36nm,1.1s			P	P	11 41 55.8	-0.1
ARK	Arkit	21.28	43	P	P	11 41 56.8	+0.4
ARSB	Arslanbob	21.65	46	P	P	11 42 00.6	+0.1
ARSB	comp=Z,18nm,0.8s			pmax	pmax		
ARSB	Arslanbob	21.65	46	P	P	11 42 00.6	+0.1
ARSB	comp=Z,18nm,0.8s			Iamb	Iamb	11 42 08.9	
MDUB	Mudurnu	21.74	312	P	P	11 42 01.8	+0.5
MDUB	comp=Z,24nm,0.7s			Iamb	Iamb	11 42 07.0	
AB31	Akbulak array	22.34	13	P	P	11 42 07.8	+0.2
AB31	comp=Z,15nm,0.8s			P	P	11 42 07.6	-0.1
AB31	Akbulak array	22.34	13	P	P	11 42 07.6	-0.1
AB31	comp=Z,15nm,0.8s			Iamb	Iamb	11 42 13.0	
ABKAR	Akbulak array	22.34	13	P	P	11 42 07.5	-0.2
KSH2	Kashi	22.36	53	P	P	11 42 07.0	-1.1
KSH2	comp=Z,11nm,0.9s			pmax	pmax		
MANT	Manisa	22.73	305	P	P	11 42 12.3	+0.2
MANT	comp=Z,27nm,1.2s			Iamb	Iamb	11 42 18.2	
YLV	Yalova	23.01	310	P	P	11 42 15.7	+0.9
YLV	comp=Z,20nm,1.2s			P	P	11 42 15.7	+0.9
AKTO	Aktyubinsk	23.16	9	P	P	11 42 16.4	+0.2
AKTO	comp=Z,5.4nm,0.4s,baz=222,slow=10,SNR=20			LR	LR	11 53 28.2	
AAK	Ala-Archa	23.31	44	P	P	11 42 19.0	+1.0
AAK	comp=Z,118nm,18.2s,baz=210,slow=42			LR	LR	11 52 57.5	
AAK	Ala-Archa	23.31	44	P	P	11 42 19.0	+1.0
AAK	comp=Z,3.8nm,0.6s,baz=224,slow=11,SNR=4.0			LR	LR	11 52 57.5	
AAK	Ala-Archa	23.31	44	iP	P	11 42 20.3	+2.3
AAK	comp=Z,3.8nm,0.6s			P	P	11 42 17.5	-0.5
AAK	Ala-Archa	23.31	44	P	P	11 42 20.8	+2.8
AAK	comp=Z,15nm,1.0s			Iamb	Iamb	11 42 20.8	+2.8
BALB	Balikesir	23.66	307	P	P	11 42 22.0	+0.8
BALB	comp=Z,14nm,0.6s			Iamb	Iamb	11 42 25.2	
NRRN	Naryn	23.67	48	P	P	11 42 20.3	-1.4
NRRN	comp=Z,11nm,0.8s			pmax	pmax		
NRRN	Naryn	23.67	48	P	P	11 42 20.3	-1.4
ASAI	AK-SAY(Kyrgyz)	23.78	50	P	P	11 42 25.1	+2.3
BOOM	Boomsokoye usch	24.14	46	P	P	11 42 25.0	-1.1
BOOM	comp=Z,10.0nm,0.6s			pmax	pmax	11 42 29.4	
BOOM	Boomsokoye usch	24.14	46	P	P	11 42 25.0	-1.1
BOOM	comp=Z,9.7nm,0.8s			Iamb	Iamb	11 42 29.4	
IDI	Anoyia	24.70	295	P	P	11 42 31.5	+0.4
KDJ	Kajisay	24.77	48	P	P	11 42 30.6	-1.2
KDJ	comp=Z,8.0nm,1.0s			pmax	pmax	11 42 33.7	+1.6
KDJ	Kajisay	24.77	48	P	P	11 42 30.6	-1.2
EZN	Ezine	24.84	306	P	P	11 42 30.9	-1.8
VRH	Novokhoporsky	24.92	344	eP	P	11 42 33.7	+0.2
VRH	comp=Z,20nm,0.8s			pmax	pmax	11 42 33.6	+0.1
BELG	Belogornyye	25.00	353	iP	P	11 42 33.6	+0.1
BELG	comp=Z,43nm,0.6s,baz=181,slow=1.0,SNR=15			pmax	pmax	11 42 32.1	-2.1
BELG	Belogornyye	25.00	353	iP	P	11 42 33.6	+0.1
BELG	comp=Z,43nm,0.6s			pmax	pmax	11 42 32.1	-2.1
TARG	Taragay, Kyrgy	25.01	49	P	P	11 42 32.1	-2.1
TARG	comp=Z,6.0nm,0.7s			pmax	pmax	11 42 35.5	+1.4
TARG	Taragay, Kyrgy	25.01	49	P	P	11 42 35.5	+1.4
TARG	comp=Z,6.0nm,0.7s			P	P	11 42 38.3	+0.7
ALN	Alexandropoli	25.44	308	P	P	11 42 38.3	+0.7
ALN	comp=Z,9.0nm,0.7s			pmax	pmax	11 42 40.4	
ALN	Alexandropoli	25.44	308	P	P	11 42 38.3	+0.7
ALN	comp=Z,9.1nm,0.7s			Iamb	Iamb	11 42 40.4	
TIRR	Tirgusor	25.57	317	P	P	11 42 38.8	+0.1
TIRR	comp=Z,8.0nm,1.0s			pmax	pmax	11 42 38.8	+0.1
TIRR	Tirgusor	25.57	317	P	P	11 42 38.8	+0.1
TIRR	comp=Z,8.0nm,1.0s			eP	P	11 42 38.6	-0.6
VSR	Storozhevoye	25.62	340	eP	P	11 42 41.1	-0.5
VSR	comp=Z,8.0nm,0.6s			pmax	pmax	11 42 41.1	-0.5
RDO	Rodhopi	25.89	308	P	P	11 42 43.4	+1.7
RDO	comp=Z,17nm,1.0s			Iamb	Iamb	11 42 43.4	+1.7
RDO	Rodhopi	25.89	308	P	P	11 42 43.4	+1.7
RDO	comp=Z,17nm,1.0s			P	P	11 42 38.8	-3.9
VORR	Voronezh	26.02	341	eP	P	11 42 43.8	-3.9
VORR	comp=Z,26nm,0.3s			pmax	pmax	11 42 43.8	-3.9
HYB	Hyderabad	26.08	107	eP	P	11 42 43.8	-3.9
HYB	comp=Z,26nm,0.3s			eS	P	11 42 41.4	+0.8
PDGK	Podgornyye	26.84	47	P	P	11 42 49.7	-0.7
PDGK	comp=Z,14nm,0.6s			P	P	11 42 49.7	-0.7
PDGK	Podgornyye	26.84	47	P	P	11 42 49.7	-0.7
LPSR	Galich'ya Gora	26.92	342	eP	P	11 42 49.9	-1.0
LPSR	comp=Z,14nm,0.6s			pmax	pmax	11 42 55.6	+1.7
SRS	Serral	27.25	307	P	P	11 42 55.6	+1.7
SRS	comp=Z,24nm,0.7s			P	P	11 42 56.1	+1.3
VRI	Vrincioia	27.34	319	P	P	11 42 56.1	+1.3
VRI	comp=Z,8.7nm,0.9s			P	P		

ITM	Ithomi	27.41	298	P	P	11 42 53.7	-1.8
ITM	comp=Z,22nm,1.3s			Iamb	Iamb	11 43 20.6	
TESR	Tescani	27.74	320	P	P	11 42 59.0	+0.7
TESR	comp=Z,12nm,0.6s			pP	pP	11 43 01.6	-1.4
TESR	Tescani	27.74	320	P	P	11 42 59.2	+0.9
TESR	comp=Z,12nm,0.6s			P	P	11 43 06.8	+0.5
BVAR	Borovoye Array	28.23	233	P	P	11 43 06.8	+0.5
BVAR	comp=Z,11nm,0.6s			PcP	PcP	11 46 17.1	+0.3
BVAR	comp=Z,4.7nm,0.5s,baz=256,slow=7.4,SNR=11			P	P		
AK09	Malin Array Si	28.95	329	P	P	11 43 08.7	-0.3
AK10	Malin Array Si	28.95	329	P	P	11 43 09.2	+0.2
AK10	comp=Z,11nm,0.6s			pP	pP	11 43 12.6	-1.1
AK06	Malin Array Si	28.97	329	P	P	11 43 08.7	-0.5
AK08	Malin Array Si	29.07	329	P	P	11 43 09.5	+0.5
AK02	Malin Array Si	29.01	329	P	P	11 43 09.5	-0.5
AKASG	Malin Array Be	29.03	329	P	P	11 43 09.6	-0.2
AKASG	comp=Z,2.0nm,0.5s,baz=133,slow=7.6,SNR=15						
AKASG	Malin Array Be	29.03	329	P	P	11 43 10.3	+0.5
AKASG	comp=Z,2.0nm,0.5s			pmax	pmax	11 43 09.4	-0.4
AKASG	Malin Array Be	29.03	329	P	P	11 43 09.7	-0.1
AKASG	comp=Z,5.0nm,0.5s			Iamb	Iamb	11 43 10.4	
AKBB	Malin Array Si	29.03	329	P	P	11 43 09.6	-0.1
AKBB	comp=Z,7.3nm,0.6s			P	P	11 43 09.6	-0.2
AKBB	Malin Array Si	29.04	329	P	P	11 43 09.6	-0.2
AKBB	comp=Z,7.3nm,0.6s			pmax	pmax	11 43 09.6	-0.2
KIEV	Kiev	29.04	329	P	P	11 43 09.6	-0.2
KIEV	comp=Z,7.0nm,0.6s			Iamb	Iamb	11 43 10.4	
KIEV	Kiev	29.04	329	P	P	11 43 10.4	-0.4
KIEV	comp=Z,6.5nm,0.6s			P	P	11 43 09.4	-0.4
ARTI	Arti	29.05	7	P	P	11 43 08.7	-1.2
ARTI	comp=Z,2.5nm,0.6s,baz=222,slow=7.0,SNR=4.5			LR	LR	11 56 23.1	
ARTI	Arti	29.05	7	iP	P	11 43 10.7	+0.9
ARTI	comp=Z,4.3nm,18.3s,baz=191,slow=40					11 44 00.0	
ARTI	Arti	29.05	7	iP	P	11 46 15.2	
ARTI	comp=Z,2.5nm,0.6s			SS	SS	11 46 15.2	
ARTI	Arti						

WSPT	comp-Z,67nm,1.1s	60.57 356	I	Amb	I	Amb	12 07 18.8
U38A	Westport, CT	60.61 337	I	Amb	I	Amb	12 06 52.0
PECS	comp-Z,108nm,1.3s	60.63 326	I	Amb	I	Amb	12 06 52.6
BELA	Belgrano 2	60.66 172	I	Amb	I	Amb	12 06 54.4
TPB13	comp-Z,173nm,1.3s	60.76 326	I	Amb	I	Amb	12 06 54.2
VHRN	Reeves - Cuble	60.77 325	I	Amb	I	Amb	12 06 54.2
CCM	Van Horn	60.77 325	I	Amb	I	Amb	12 06 54.2
CCM	Cathedral Cave	60.98 340	P	P	P	P	12 06 53.1 -0.7
CCM	Cathedral Cave	60.98 340	P	P	P	P	12 07 36.1 -0.1
CCM	Cathedral Cave	60.98 340	P	P	P	P	12 06 52.9 -0.9
CCM	Cathedral Cave	60.98 340	P	P	P	P	12 07 20.3 -0.6
CCM	Cathedral Cave	60.98 340	P	P	P	P	12 07 36.0 -0.2
DKNS	Dickens	61.00 300	I	Amb	I	Amb	12 06 54.9
M57A	comp-Z,68nm,0.9s	61.06 353	I	Amb	I	Amb	12 06 55.0
TPB28	Sunshine Farm,	61.20 326	I	Amb	I	Amb	12 06 57.6
MNTX	comp-Z,135nm,1.1s	61.20 326	I	Amb	I	Amb	12 06 57.6
B59A	Cornudas Mount	61.69 325	I	Amb	I	Amb	12 06 59.4
L9NY	Walton	61.71 355	I	Amb	I	Amb	12 07 27.1
B9NA	comp-Z,98nm,1.2s	61.80 354	I	Amb	I	Amb	12 07 00.5
HRV	Binghamton	61.80 354	I	Amb	I	Amb	12 07 00.5
HRV	Adam Dzewiosk	61.82 358	P	P	P	P	12 06 59.5 +0.1
HRV	Adam Dzewiosk	61.82 358	P	P	P	P	12 06 59.5 +0.1
HRV	Adam Dzewiosk	61.82 358	P	P	P	P	12 07 00.2
L56A	Greenwood	61.90 353	P	I	Amb	I	12 06 59.9 -0.2
VNA3	comp-Z,76nm,1.0s	61.96 162	I	P	P	P	12 07 00.9
K62A	Neumayer Olymp	62.01 357	I	Amb	I	Amb	12 07 01.1 +1.0
VNA1	Royalston	62.01 357	I	Amb	I	Amb	12 07 01.1 +1.0
K62A	Neumayer-Stat	62.16 161	I	P	P	P	12 07 02.9 +1.6
ELIS	comp-Z,154nm,1.9s	62.16 161	I	P	P	P	12 07 02.9 +1.6
AMTX	Ellis County	62.32 333	I	Amb	I	Amb	12 07 04.1
EPT	comp-Z,87nm,1.0s	62.36 330	I	Amb	I	Amb	12 07 04.3
OK038	Amarillo	62.36 330	I	Amb	I	Amb	12 07 04.3
K57A	El Paso	62.36 324	I	Amb	I	Amb	12 07 44.2
VNA2	comp-Z,151nm,1.5s	62.38 333	I	Amb	I	Amb	12 07 04.1
MMNY	West End E0370	62.38 333	I	Amb	I	Amb	12 07 04.1
SRIG	comp-Z,136nm,1.0s	62.38 333	I	Amb	I	Amb	12 07 04.1
PHO2	K57A Scipio Center	62.38 354	I	Amb	I	Amb	12 07 03.7
J59A	comp-Z,95nm,1.0s	62.53 161	I	P	P	P	12 07 04.9 +1.1
HSIG	Neumayer-Watz	62.53 161	I	P	P	P	12 07 04.9 +1.1
AAM	Mt. Morris Dam	62.53 353	I	Amb	I	Amb	12 07 04.9
MEDO	comp-Z,241nm,1.5s	62.57 317	I	Amb	I	Amb	12 07 07.1
P38A	Santa Rosalia	62.57 317	I	Amb	I	Amb	12 07 07.1
PECO	comp-Z,144nm,1.1s	62.90 330	I	Amb	I	Amb	12 07 07.6
319A	Medina	62.90 330	I	Amb	I	Amb	12 07 07.6
121A	Dawn	63.15 339	I	Amb	I	Amb	12 07 08.7
CFNY	comp-Z,61nm,0.9s	63.15 339	I	Amb	I	Amb	12 07 08.7
LONY	Prince Edward	63.62 354	I	Amb	I	Amb	12 07 12.0
N38A	comp-Z,114nm,0.7s	63.62 354	I	Amb	I	Amb	12 07 12.0
HAL	comp-Z,130nm,1.1s	63.63 322	I	Amb	I	Amb	12 07 14.0
SNA4	Douglas	63.63 322	I	Amb	I	Amb	12 07 14.0
DELO	comp-Z,139nm,1.1s	63.63 322	I	Amb	I	Amb	12 07 14.0
DUN6	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
GGN	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
G65A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
G65A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
G62A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
WBO	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
SADO	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
ALQ	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
ANMO	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
ANMO	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
ANMO	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
F64A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
JFWS	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
TUC	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
TUC	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
TUC	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
H45A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
LMN	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
T25A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
TRQ	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
I42A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
TROLL	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
P19X	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
X18A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
D62A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
SDCO	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
W18A	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
OGallA	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
MVCO	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
VTX	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
WU4Z	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
ESJD	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
EXSD	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
ESJZ	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0
GLA	comp-Z,139nm,0.9s	63.63 322	I	Amb	I	Amb	12 07 14.0

ISCO	Idaho Springs	68.17 330	I	Amb	I	Amb	12 07 42.9
BLVC	comp-Z,98nm,1.1s	68.42 320	I	Amb	I	Amb	12 07 45.0
PV15	Blythe	68.42 328	I	Amb	I	Amb	12 07 45.0
DBIC	Paradox Valley	68.45 74	P	P	P	P	12 07 41.9 -1.0
DBIC	Dimbokro	68.45 74	P	P	P	P	12 08 10.5 0.0
DBIC	comp-Z,13nm,0.4s	68.45 74	P	P	P	P	12 16 33.5 -3.3
DBIC	comp-Z,13nm,0.4s	68.45 74	P	P	P	P	12 16 33.5 -3.3
DBIC	comp-Z,34nm,1.1s	68.45 74	P	P	P	P	12 36 00.8 +1.2
DBIC	comp-Z,8.0nm,1.0s	68.45 74	P	P	P	P	12 37 14.7
DBIC	comp-Z,362nm,18.1s	68.45 74	P	P	P	P	12 07 42.0 -0.9
DBIC	comp-Z,32nm,0.4s	68.45 74	P	P	P	P	12 07 43.2
DBIC	Dimbokro	68.45 74	P	P	P	P	12 07 41.9 -1.0
DBIC	Dimbokro	68.45 74	P	P	P	P	12 08 10.3 -0.2
PV02	Paradox Valley	68.45 327	I	Amb	I	Amb	12 07 45.0
PV13	Radium Mtn., P	68.45 327	I	Amb	I	Amb	12 07 44.8
CCX	Cicese	68.47 318	I	Amb	I	Amb	12 07 45.5
YUH	comp-Z,110nm,1.0s	68.53 319	I	Amb	I	Amb	12 07 46.0
PV12	YUH Yusa Desert	68.57 327	I	Amb	I	Amb	12 07 45.9
PV18	Saucer Basin,	68.57 327	I	Amb	I	Amb	12 07 45.9
PV07	comp-Z,110nm,1.0s	68.57 327	I	Amb	I	Amb	12 07 45.9
PV19	Skein Mesa, Pa	68.57 327	I	Amb	I	Amb	12 07 45.5
PV19	Paradox Valley	68.58 328	I	Amb	I	Amb	12 07 45.9
PV20	comp-Z,263nm,2.0s	68.65 327	I	Amb	I	Amb	12 07 46.0
NVL	Morning Glory	68.65 327	I	Amb	I	Amb	12 07 46.0
NVL	comp-Z,124nm,1.4s	68.67 327	I	Amb	I	Amb	12 07 46.0
NVL	West Nyswonger	68.70 159	eP	P	P	P	12 07 43.9 +0.4
NVL	Nizarezekaya	68.70 159	eP	P	P	P	12 08 12.2 +1.0
NVL	Nizarezekaya	68.70 159	eP	P	P	P	12 16 35.3 -2.6
PV22	Blue Mesa, Par	68.72 328	I	Amb	I	Amb	12 07 46.6
PV10	comp-Z,122nm,1.4s	68.73 327	I	Amb	I	Amb	12 07 46.0
CBX	Paradox Valley	68.77 318	I	Amb	I	Amb	12 07 47.7
ICQ	comp-Z,177nm,1.1s	68.82 1	I	Amb	I	Amb	12 07 44.9
BC3	Puerto Anzalis	68.92 320	I	Amb	I	Amb	12 07 48.2
BAR	Big Chucakwall	69.02 318	I	Amb	I	Amb	12 07 48.8
U15A	Barrett	69.02 318	I	Amb	I	Amb	12 07 48.8
IRM	North Rim	69.02 324	I	Amb	I	Amb	12 07 49.3
TAOE	comp-Z,147nm,1.1s	69.08 320	I	Amb	I	Amb	12 07 49.3
TAOE	Iron Mountain	69.22 268	ePKP1	P	P	P	12 07 47.4 -0.4
TAOE	Nuku Hiva Isla	69.22 268	ePKP1	P	P	P	12 07 47.4 -0.4
TAOE	comp-Z,357nm,25.3s	69.22 268	ePKP1	P	P	P	12 07 47.4 -0.4
TAOE	comp-Z,121nm,24.8s	69.22 268	ePKP1	P	P	P	12 07 47.4 -0.4
HMU	comp-Z,455nm,39.4s	69.29 326	I	Amb	I	Amb	12 07 50.7
SUSD	Henry Mountain	69.29 326	I	Amb	I	Amb	12 07 50.7
DRLN	Miller	69.29 338	I	Amb	I	Amb	12 07 48.2
BELC	comp-Z,134nm,1.1s	69.29 338	I	Amb	I	Amb	12 07 48.2
PFO	Deer Lake	69.32 8	I	Amb	I	Amb	12 07 47.5
PFO	comp-Z,7.5nm,0.8s	69.32 8	I	Amb	I	Amb	12 07 47.5
PFO	Belle Mtn. Jos	69.48 320	I	Amb	I	Amb	12 07 51.9
PFO	comp-Z,140nm,1.4s	69.51 319	I	P	P	P	12 07 49.0 -0.2
PFO	Pinyon Flats O	69.51 319	I	P	P	P	12 07 49.0 -0.2
PFO	comp-Z,133nm,1.1s	69.51 319	I	P	P	P	12 07 50.0 +0.8
PFO	Pinyon Flats O	69.51 319	I	P	P	P	12 07 50.1
DNR	comp-Z,103nm,1.1s	69.58 319	I	Amb	I	Amb	12 07 52.7
O20A	Dunn Ranch,Anz	69.58 319	I	Amb	I	Amb	12 07 52.7
SRU	White River Ci	69.68 329	I	Amb	I	Amb	12 07 54.4
MTPU	comp-Z,102nm,1.0s	70.05 327	I	Amb	I	Amb	12 07 52.4
MTPU	San Rafael Swe	70.05 327	I	Amb	I	Amb	12 07 54.4
P18A	comp-Z,96nm,0.8s	70.17 325	P	P	P	P	12 07 54.5 +1.2
P18A	Mount Pierson	70.17 325	P	P	P	P	12 07 55.7
TBO	comp-Z,271nm,1.9s	70.29 327	P	P	P	P	12 07 55.2 +1.1
ZSCU	Preston Tupper	70.29 327	P	P	P	P	12 07 56.4
CCUT	Thunder Bay	70.29 346	I	Amb	I	Amb	12 07 54.1
QSPA	comp-Z,100nm,0.9s	70.30 324	I	Amb	I	Amb	12 07 57.1
QSPA	Shurtz Canyon	70.30 324	I	Amb	I	Amb	12 07 57.1
QSPA	comp-Z,102nm,1.1s	70.30 324	I	Amb	I	Amb	12 07 57.1
QSPA	comp-Z,214nm,1.7s	70.42 324	I	Amb	I	Amb	12 07 58.2
QSPA	Cedar City	70.42 324	I	Amb	I	Amb	12 07 58.2
QSPA	comp-Z,103nm,1.1s	70.59 180	P	P	P	P	12 07 57.0 +1.7
QSPA	South Pole Qui	70.59 180	P	P	P	P	12 07 57.0 +1.7
QSPA	comp-Z,88nm,1.0s	70.59 180	P	P	P	P	12 35 57.3 +2.4
QSPA	comp-Z,9.8nm,1.1s	70.59 180	P	P	P	P	12 39 55.3
QSPA	comp-Z,115nm,21.3s	70.59 180	P	P	P	P	12 07 57.1 +1.7
QSPA	comp-Z,89nm,1.0s	70.59 180	P	P	P	P	12 07 58.3
BFSO	South Pole Qui	70.59 180	P				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GERES, KHC, FIAA, FINES, etc.

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR, MAJO, MAJO, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF, MSVF, MSVF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRR8 Warramunga Arr, WRA Warramunga Arr, WITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baunata, BATI Sidrap Palu, KKKSI Kolaka, Sulawe, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTZ Chatham Island, WRR8 Warramunga Arr, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBF1 Labuhan Bajo, WSI Wangapau, WBSI Waikabubak, Su, etc.

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

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

NOU 03 13:26:21.3, 21.56S, 170.70E, h85km, MLV4.5/11, Southeast of Loyalty Islands, NEIC 03 13:26:21.5, 1.4, 21.6S, 0.1x170.55E, 0.09, h147km, 6km, mb4.3/14, Error ellipse: s-maj=16.6km s-min=11.7km az=174.0

3d 15h

Table with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like KMO, YOAB, SYVR, UKT, SVKR, OGRR, GORB, KELR, BOD, NLYR, TRG, UUDB, CIT, FFB, STDB, HRMR, BGT, IRK, LSTR, and CRS.

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Table with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like CRS, TLY, TUP, SONM, ZALV, MKAR, DAV, WRA, ASAR, BRDH, MKAR, LONE3, NEDR, LODU1, SDDR, REDR, PODR, LOBH, LOVI, MCDR, LOPP1, PB08, PB11, TA02, and GO01.

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Table with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like GO01, PB02, PB09, PSGCX, PB07, PB12, PB16, AF01, and ATAH.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like TULM, PTLCL, CMBL, CRUC, FLOC, etc.

Table with columns: ZON, Zonda, Frequency, Power, Mode, and other technical details. Includes stations like ZON, Zonda, SNDB, ARAC, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like X34A, T42A, W35A, etc.

3d 20h

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UEES, LFU, PMON, etc.

IDC 03 18:48:47.2±3.6, 69.69Sx178.68W, h304km, 35km, mb2.9/2, mbtmp3.8/4, Error ellipse: s-maj=53.6km

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

IDC 03 19:07:54.7±3.7, 6.85N, 73.01W, h164km, 47km, mbtmp3.9/2, Error ellipse: s-maj=42.7km

RSNC 03 19:07:55.0±7.0, 7°N, 173°30'W, h147km, 2km, M3.1, mb3.3, ML2.8

FUNV 03 19:07:57.0, 7.18N, 73.22W, h10km, MW3.3, Presumed earthquake

IDC 03 19:07:54.6±1.1, 6.84N, 0.03, 73.10W, h0.04, h150km, 27km, n35, r1565/64, Northern Colombia

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

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Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URIC, JAMC, GARC, ASAR, WRA.

WEL 03 19:59:37.6±1.4, 36°S±19'17.8E±1'4, h201km, 15km, M3.8/28, ML3.8/18, MLV3.8/28, Error ellipse: s-maj=24.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATAKAOA POINT, WAIOMATATINI S, Te Kaha, Raukumara Rang, Puketiti, etc.

IDC 03 19:07:54.6±1.1, 6.84N, 0.03, 73.10W, h0.04, h150km, 27km, n35, r1565/64, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Urewera, Waihua, Matea Rd, Tolley Road, Aropoanui, etc.

IDC 03 20:07:18.1±10.0, 17.39N, 149.20E, h0km, mb3.5/6, mbtmp3.5/6, MS2.7/1, Error ellipse: s-maj=403.7km

IDC 03 20:07:24.2±10.0, 17.4N, 0.4, 149.2E±, h35km, n7, r105/6, mb3.6/6, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, SHEM, SONM, ZALV, MKAR.

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Large table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB, BVAR, IDC, DPSS, GUMO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Res, ISC. Includes stations like D20K Etivluk River, IMAR Indian Mountain, NR1K Noril'sk, etc.

ISK 03 20:48:17.3, 36°62N, 43°72'E, h5km, ML3.5/8
TEH 03 20:48:17.3, 36°59N, 43°47'E, h6km, 153km, ML3.4,
Presumed earthquake
ISN 03 20:48:25.7±1.8, 36°05N, 43°47'E, h24km, 13km, ML3.5,
Presumed earthquake
ISC 03 20:48:17.5±0.9, 36°56N, 0°04:43.49E, 0.04, h10km, n25,
±265/29, Iraq

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Res, ISC. Includes stations like CUKT Kukurka, HAHT HAKKARI, MAHB Mahab, etc.

AEIC 03 20:59:50.7±1.3, 61°22N, 0°11:146°92W, 0.02, h6km, 7km,
Error ellipse: s-maj=1.9km s-min=1.0km az=132.0
NEIC 03 20:59:50.3±0.8, 61°23N, 0°11:146°90W, 0°01,
h12km, 10km, ML2.9/142, ML2.5(AEIC), Error ellipse:
s-maj=1.7km s-min=0.6km az=164.0, Southern Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Res, ISC. Includes stations like VMT TAPS TI Valdez, GLI Glacier Island, FID Port Fidalgo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Res, ISC. Includes stations like PMR Palmer, BMRM Bremner River, N25K Chitina, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Res, ISC. Includes stations like L22K Petersville, P23K Purkeypile, KTH Kantisna Hill, etc.

IDC 03 21:01:54.4±1.7, 62°99N, 150°85W, h128km, 21km, mb3.4/8,
mbtmp3.8/13, MS2.4/1, Error ellipse: s-maj=31.1km
s-min=17.1km az=114.0
NEIC 03 21:01:54.8±0.6, 63°03N, 0°04:151°07W, 0.08,
h125km, 4km, ML3.5/224, ML3.3(AEIC), Error ellipse:
s-maj=5.3km s-min=5.0km az=52.0
AEIC 03 21:01:55.0±0.9, 63°01N, 0°03:151°00W, 0.07,
h123km, 4km, Error ellipse: s-maj=5.2km s-min=4.5km
az=143.0
ISC 03 21:01:54.4±0.7, 63°00N, 0°03:151°07W, 0°04,

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like I20K, COLA, PS08, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like M27K, G25K, J16K, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like C17K, B20K, G30M, etc.

Technical notes and data for station C17K, including coordinates, power, and other parameters. Includes text like 'IDC 03 21:16:18.3:0.5,61:52x161.38E,h0km,mb4.4/14,'.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, and other technical details. Includes stations like MCQ, VDA, VNA, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like DBJI Dramaga, PLCA Paso Flores, H03S2 Juan Fernandez, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like IRM Iron Mountain, LRMC Laurel Mtn Rad, LRMC Laurel Mtn Rad, etc.

3d 22h

Table with station names (WCKO, TPUB, CHN1, TWK, TWK) and their corresponding coordinates and status.

KRNET 03 21:59:15.0-0.1, 41.60N-69.44E, h20km, mb4.0
IDC 03 21:59:17.8-1.2, 41.66N-69.62E, h0km, mb3.6/6,
mbtmp3.5/10, ML2.8/4, MS4.0/1, Error ellipse:
s-maj=21.2km s-min=13.1km az=152.0
ISU 03 21:59:19.41.65N-69.70E, h7km
SOME 03 21:59:20.0, 41.58N-69.85E, h10km
NNC 03 21:59:20.4, 41.61N-69.70E, h1km, mb4.1,
mpv3.9, Error ellipse: s-maj=7.0km s-min=4.3km az=49.0
ISC 03 21:59:16.0-0.6, 41.64N-0.02-69.56E, 0.03, h10km, n88,
c#93/121, mb3.7/5, 26C-19D, Kyrgyzstan

Main table for 3d 22h section, listing station names, coordinates, and various parameters like Time, Res, and ISC.

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Main table for 2020 AUG section, listing station names, coordinates, and various parameters like Time, Res, and ISC.

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Table with station names (EZAR, EZAR, EZAR, ETOB, ETOB, ETOB, EVIV, EVIV, EVIV, EBEB, EBEB, EQES, EQES, EQES, EMOS, EMOS, EMOS, PSIM) and their corresponding coordinates and status.

MDD 03 22:04:40.9-1.0, 37.13N-13.31W, h0km, Mb4.1/1.1,
M, mb3.5/12, Error ellipse: s-maj=7.8km s-min=6.9km
az=50.0
IGIL 03 22:04:42.7, 37.13N-13.31W, h9km, ML2.2
INMG 03 22:04:44.1, 37.03N-13.60W, h10km, ML2.3, Error
ellipse: s-maj=6.1km s-min=4.5km az=92.0,
#DIST_RANGE: REGIONAL #PMA_REGION: Josephine
CNRM 03 22:04:49.9, 36.66N-12.29W, h1km, ML3.1
ISC 03 22:04:40.1-2.9, 37.10N-0.07-13.2W, 0.2, h10km, n45,
c#93/77, 12C, Azores-Cape St. Vincent Ridge

Main table for 180 section, listing station names, coordinates, and various parameters like Time, Res, and ISC.

3d 22h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes entries like QSM, IRM, SHOC, etc.

IDC 03 22:22:28.5+1.5, 12.50N; 142.53E, h128km, 14km, mb4.0/23, mbtmp4.4/25, Error ellipse: s-maj=15.1km s-min=10.3km az=80.0

NEIC 03 22:22:28.6+1.3, 12.46N; 142.49E; 0.09, h123km, 7km, mb4.5/81, Error ellipse: s-maj=13.4km s-min=10.5km az=60.0

ISC 03 22:22:28.1+0.4, 12.42N; 142.41E; 0.07, h100km, n131, r121/121, mb4.6/57, 1D, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes entries like GUMO, GUMC, GUMO, etc.

2020 AUG

Main table with columns: Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes entries like ASAR, Alice Springs, EIDS, etc.

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Table with columns: Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes entries like H04A, Detroit Lake, O02D, etc.

IDC 03 22:30:42.6+0.4, 43.98N; 84.49E, h0km, mb4.2/31, mbtmp4.2/38, ML4.2/7, MS3.7/19, Error ellipse: s-maj=12.5km s-min=7.5km az=45.0

MOS 03 22:30:43.7+0.9, 44.09N; 84.59E, h16km, mb4.6/22, MS4.1/4, Error ellipse: s-maj=6.5km s-min=5.4km az=44.2

NEIC 03 22:30:44.8+2.0, 44.07N; 0.06; 84.59E; 0.10, h10km, 1km, mb4.7/76, Error ellipse: s-maj=11.7km s-min=10.5km az=92.0

BJI 03 22:30:46.0, 44.03N; 84.44E, h20km, mb4.8/5, mb4.5/33, ML4.7/11, MS4.2/11, Ms7.3/87

NNC 03 22:30:50.3+1.3, 44.23N; 84.22E, h15km, 6km, mb5.0, mpv4.7, Error ellipse: s-maj=11.0km s-min=4.4km az=128.0

SOME 03 22:30:50.7, 44.18N; 84.20E, h20km, MS4.1, ISC 03 22:30:45.0+0.2, 44.08N; 0.02; 84.62E; 0.10, h10km, n373, r198k/373, mb4.6/107, MS3.7/17, 32C-14D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes entries like WMQ, Urumqi, WMQ, etc.

KPKS	Kokpek	4.34 264	Pg	Pb	22 32 05.4 +4.0
KPKS	Kokpek		Lg	Lg	22 33 00.0
KPKS	Kokpek	4.34 264	eP	Pb	22 32 05.4 +4.0
KPKS	Kokpek		eS	Sb	22 33 00.0 +6.1
BLB	Baldybastay	4.42 272	Pg	Pb	22 32 05.0 +2.1
BLB	Baldybastay		Lg	Lg	22 32 58.9
TDK	Taldyqorghan	4.54 284	Pg	Pb	22 32 08.8 +4.1
TDK	Taldyqorghan		Lg	Lg	22 33 05.1
TDK	Taldyqorghan	4.54 284	eP	Pb	22 32 08.8 +4.1
TDK	Taldyqorghan		eS	Sb	22 33 05.1 +5.7
SATY	Saty	4.63 259	Pg	Pg	22 32 11.7 -1.9
SATY	Saty		Lg	Lg	22 33 10.1
SATY	Saty	4.63 259	eP	Pg	22 32 11.7 -1.9
SATY	Saty		eS	Sg	22 33 10.1 -3.5
KURS	Kuram	4.71 265	Pg	Pg	22 32 13.3 -1.8
KURS	Kuram		Lg	Lg	22 33 12.7
KURS	Kuram	4.71 265	eP	Pg	22 32 13.3 -1.8
KURS	Kuram		eS	Sg	22 33 12.7 -3.4
PRZ	Przheval'sk	4.81 253	PN	Pn	22 31 59.0 +1.3
PRZ	Przheval'sk		PN	Pn	22 31 59.0 +1.3
ARXS	Arharly	4.89 274	Pg	Pb	22 32 14.8 +4.0
ARXS	Arharly		Lg	Lg	22 33 16.1
ARXS	Arharly	4.89 274	eP	Pb	22 32 14.8 +4.0
ARXS	Arharly		eS	Sb	22 33 16.1 +6.5
WUS	Wushi	4.92 236	Pn	Pn	22 31 59.1 +0.1
TARG	Taragay, Kyrgy	5.53 247	PN	Pn	22 32 08.8 +1.1
TARG	Taragay, Kyrgy		PN	Pn	22 32 08.8 +1.1
IDOK	Medeo	5.57 263	Pg	Pb	22 32 27.0 +4.6
IDOK	Medeo		Lg	Lg	22 33 36.2
KNDC	Almaty	5.62 264	PN	Pn	22 32 09.6 +1.0
KNDC	Almaty		PN	Pn	22 32 09.6 +1.0
KNDC	Almaty		PN	Pn	22 32 29.2 +6.0
KNDC	Almaty		PN	Pn	22 33 41.8
AAA	Alma-Ata	5.66 264	Pg	Pg	22 32 30.3 -3.0
AAA	Alma-Ata		Lg	Lg	22 33 41.6
AAA	Alma-Ata	5.66 264	eP	Pg	22 32 30.3 -3.0
AAA	Alma-Ata		eS	Sg	22 33 41.6 -5.0
TNSS	Tian-Shan	5.67 262	Pg	Pg	22 32 31.0 -2.6
TNSS	Tian-Shan		Lg	Lg	22 33 43.2
TNSS	Tian-Shan	5.67 262	eP	Pg	22 32 31.0 -2.6
TNSS	Tian-Shan		eS	Sg	22 33 43.2 -3.9
KTBS	Karabote	5.75 269	Pg	Pb	22 32 29.9 +4.5
KTBS	Karabote		Lg	Lg	22 33 41.1
KTBS	Karabote	5.75 269	eP	Pb	22 32 29.9 +4.5
KTBS	Karabote		eS	Sb	22 33 41.1 +6.8
KDJ	Kajisay	5.79 253	PN	Pn	22 32 11.6 +0.6
KDJ	Kajisay		PN	Pn	5.79 253
IZV	Izvestkoviy	5.91 263	eP	Pb	22 32 33.3 +5.1
IZV	Izvestkoviy		Lg	Lg	22 33 46.7
IZV	Izvestkoviy	5.91 263	eP	Pb	22 32 33.3 +5.1
IZV	Izvestkoviy		eS	Sb	22 33 46.7 +7.6
KUU	Kurdy	5.98 271	Pg	Pb	22 32 34.9 +5.7
KUU	Kurdy		Lg	Lg	22 33 49.5
KUU	Kurdy	5.98 271	eP	Pb	22 32 34.9 +5.7
KUU	Kurdy		eS	Sb	22 33 49.5 +8.7
ULHL	Ulahol	6.40 256	Pn	Pn	22 32 19.9 +0.5
DGS	Degeres	6.47 266	Pg	Pg	22 32 44.9 -3.9
DGS	Degeres		Lg	Lg	22 34 06.8
DGS	Degeres	6.47 266	eP	Pg	22 32 45.0 -3.9
DGS	Degeres		eS	Sg	22 34 06.8 -5.9
BOOM	Boomsokoye usch	6.53 259	PN	Pn	22 32 21.5 +0.3
BOOM	Boomsokoye usch		PN	Pn	6.53 259
TKM2	Tokmak	6.67 263	PN	Pn	22 32 26.2 +3.1
TKM2	Tokmak		PN	Pn	22 32 26.2 +3.1
NRN	Naryn	6.88 250	PN	Pn	22 32 26.7 +0.6
NRN	Naryn		PN	Pn	6.88 250
SEM	Semipalatinsk	6.99 336	Pg	Pg	22 32 58.1 -0.7
SEM	Semipalatinsk		Lg	Lg	22 34 29.4
SEM	Semipalatinsk	6.99 336	eP	Pg	22 32 58.0 -0.7
SEM	Semipalatinsk		eS	Sg	22 34 29.4 +0.1
KBK	Karagaybulak	7.19 262	P	Pn	22 32 31.4 +1.1
CHMS	Chumysh	7.25 265	Pn	Pn	22 32 31.7 +0.7
SGDS	Sogindiy	7.26 268	Pg	Pb	22 32 58.2 +7.1
SGDS	Sogindiy		Lg	Lg	22 34 30.0
FRU1	Bishkek	7.38 264	Pn	Pn	22 32 34.1 +1.3
FRU1	Bishkek		PN	Pn	7.38 264
USP	Ospenovka	7.38 267	Pn	Pn	22 32 33.5 +0.7
USP	Ospenovka		PN	Pn	7.38 267
AAK	Ala-Archa	7.52 262	PN	Pn	22 32 36.0 +1.2
AAK	Ala-Archa		Lg	Lg	22 34 38.7
AAK	Ala-Archa	7.52 262	eP	PN	22 32 36.0 +1.2
AAK	Ala-Archa		eS	Sg	22 34 29.4 +0.1
AAK	Ala-Archa		PN	Pn	22 32 36.1 +1.4
AAK	Ala-Archa		PN	Pn	22 32 35.7 +0.8
AAK	Ala-Archa		PN	Pn	22 33 00.7 +5.2
AAK	Ala-Archa		PN	Pn	22 34 42.3
AAK	Ala-Archa	7.52 262	eP	PN	22 32 36.2 +1.4
AAK	Ala-Archa		PN	Pn	22 32 35.6 +0.8
AAK	Ala-Archa		PN	Pn	22 33 06.5 -4.1
AAK	Ala-Archa		Lg	Lg	22 34 43.9
AAK	Ala-Archa		Lg	Lg	22 33 06.5 -4.2
AAK	Ala-Archa		Lg	Lg	22 34 38.9 -5.3
AAK	Ala-Archa		PN	Pn	22 32 38.4 +2.0

KURBB	Kurchatov Arra	7.74 330	Pn	Pn	22 32 37.3 -0.2
KURBB	Kurchatov Arra		PN	Pn	22 34 04.5 -0.7
KURBB	Kurchatov Arra		PN	Pn	22 34 45.6
KURBB	Kurchatov Arra		PN	Pn	22 35 55.7
KURBB	Kurchatov Arra	7.74 330	PN	Pn	22 32 37.4 -0.2
KURBB	Kurchatov Arra		PN	Pn	22 34 50.4
KURKB	Kurchatov	7.78 331	PN	Pn	22 32 37.4 -0.8
KURKB	Kurchatov		PN	Pn	22 34 50.0
KURKB	Kurchatov	7.78 331	eP	Pn	22 32 37.8 -0.4
KURKB	Kurchatov		PN	Pn	22 32 37.3 -0.9
KURKB	Kurchatov		PN	Pn	22 32 42.3 +0.6
KURKB	Kurchatov		PN	Pn	22 32 48.8 +2.2
KURKB	Kurchatov		PN	Pn	22 34 27.0 +5.6
MRKS	Merke	8.40 265	Pg	Pg	22 33 20.7 -5.1
MRKS	Merke		Lg	Lg	22 35 08.4
MRKS	Merke	8.40 265	eP	Pg	22 33 20.7 -5.1
MRKS	Merke		eS	Sg	22 35 08.4 -6.2
ARBS	Arslanbob	9.00 256	Pn	Pn	22 32 56.5 +1.4
ARBS	Arslanbob		PN	Pn	22 32 56.5 +1.4
DZA	Taraz	9.73 268	Pn	Pn	22 33 46.1 +4.1
DZA	Taraz		Lg	Lg	22 35 51.7
DZA	Taraz	9.73 268	eP	Pn	22 33 46.1 +4.1
DZA	Taraz		eS	Sn	22 35 51.7 +5.7
ZAAO	Zalesovo Array	9.88 1	PN	Pn	22 33 06.5 -0.4
ZAAO	Zalesovo Array		PN	Pn	22 34 57.0 -0.7
ZAAO	Zalesovo Array		PN	Pn	22 35 57.4
ZAAO	Zalesovo Array		PN	Pn	22 33 05.8 -1.1
ZAAO	Zalesovo Array		PN	Pn	22 33 06.7 -0.2
ZALV	Zalesovo Beam	9.88 1	PN	Pn	22 34 55.5 -2.2
ZALV	Zalesovo Beam		PN	Pn	22 36 02.5
ZALV	Zalesovo Beam		PN	Pn	22 37 18.7
ZALV	Zalesovo Beam		PN	Pn	22 33 06.6 -0.3
ZALV	Zalesovo Beam		PN	Pn	22 33 06.0 -0.9
ZALV	Zalesovo Beam		PN	Pn	22 33 15.0 +2.4
KK31	Karatay Array	10.29 269	PN	Pn	22 36 11.7
KK31	Karatay Array		PN	Pn	22 33 14.0 +1.5
KK31	Karatay Array		PN	Pn	22 33 14.0 +1.5
KK31	Karatay Array		PN	Pn	22 33 13.4 +0.9
KK31	Karatay Array		PN	Pn	22 34 07.2 +4.8
BRLS	Borolday	10.79 270	Pg	Lg	22 36 27.8
BRLS	Borolday		Lg	Lg	22 34 07.2 +4.8
BRLS	Borolday		eS	Sg	22 36 27.8
KNGR	Kunurtug, Tuv	10.91 49	P	PN	22 33 22.8 +1.7
GOMU	GeErmlu	11.08 132	P	PN	22 33 23.9 +0.2
GOMU	GeErmlu		PN	Pn	22 33 33.5 -0.6
GOMU	GeErmlu		PN	Pn	22 33 33.1 +0.3
GOMU	GeErmlu		PN	Pn	22 33 44.1
GOMU	GeErmlu		PN	Pn	22 33 50.8 +4.4
GOMU	GeErmlu		PN	Pn	22 35 53.9 -0.9
GAR	Garm	11.86 250	PN	Pn	22 33 33.5 -0.6
GT2A	Gaotai	12.19 107	eP	Pn	22 33 44.1
GT2A	Gaotai		PN	Pn	22 33 50.8 +4.4
GT2A	Gaotai		PN	Pn	22 35 53.9 -0.9
GT2A	Gaotai		L	L	
GT2A	Gaotai		L	L	
GT2A	Gaotai		L	L	
GT2A	Gaotai		L	L	
CHGR	Chuyangarr	12.81 250	P	PN	22 33 48.0 +0.8
CHGR	Chuyangarr		PN	Pn	22 33 45.2 -1.9
CHGR	Chuyangarr		PN	Pn	22 33 48.6 -0.7
BVAR	Borovyoye Array	12.98 319	PN	Pn	22 36 07.0 -6.6
BVAR	Borovyoye Array		PN	Pn	22 37 31.0
BVAR	Borovyoye Array		PN	Pn	22 33 55.8 -2.9
BVAR	Borovyoye Array		PN	Pn	22 33 55.8 -2.9
BVAR	Borovyoye Array		PN	Pn	22 38 40.8
TLY	Talaya	14.83 52	Lg	Lg	22 40 27.6
LSA	Lhasa	15.27 158	eP	PN	22 34 13.4 -7.6
LKB	Kabul	15.35 237	P	PN	22 34 19.4 -2.3
LKB	Kabul		PN	Pn	22 34 19.4 -2.3
LKB	Kabul		PN	Pn	22 34 31.8 +4.9
SOMN	Songino Array	15.59 68	PN	Pn	22 34 29.1 0.0
SOMN	Songino Array		PN	Pn	22 39 00.5
SOMN	Songino Array		PN	Pn	22 41 17.9
SOMN	Songino Array		PN	Pn	22 34 31.3 +2.2
SOMN	Songino Array		PN	Pn	22 34 31.3 +2.2
SOMN	Songino Array		PN	Pn	22 34 42.3
ULN	Ulanbaatar	16.03 68	P	PN	22 34 31.3 +0.7
ULN	Ulanbaatar		PN	Pn	22 34 31.6 +1.1
EVN	Everest	16.19 173	PN	Pn	22 34 37.2 -0.8
EVN	Everest		PN	Pn	22 34 37.0
LZDM	Lanzhou Array	16.69 113	PN	Pn	22 34 39.8 +0.6
LZH	Lanzhou	16.71 112	eP	PN	22 34 39.5 +0.2
LZH	Lanzhou		L	L	
LZH	Lanzhou		L	L	
LZH	Lanzhou		L	L	
LZH	Lanzhou		L	L	
LZH	Lanzhou		L	L	
AB31	Akbulak array	17.67 296	PN	Pn	22 34 48.9 -2.2
AB31	Akbulak array		PN	Pn	22 34 47.0 -4.1
AB31	Akbulak array		PN	Pn	22 34 47.6 -3.5
BT02	Baotou	17.67 296	PN	Pn	22 35 06.2 +0.3
BT02	Baotou		S	S	22 38 40.2 +1.8
BT02	Baotou		PN	Pn	22 34 48.9 -2.2
BT02	Baotou		PN	Pn	22 34 47.0 -4.1
BT02	Baotou		PN	Pn	22 34 47.6 -3.5
BT02	Baotou		PN	Pn	22 35 06.2 +0.3
BT02	Baotou		PN	Pn	22 38 40.2 +1.8
BT02	Baotou		PN	Pn	22 34 48.9 -2.2
BT02	Baotou		PN	Pn	22 34 47.0 -4.1
BT02	Baotou		PN	Pn	22 34 47.6 -3.5
BT02	Baotou		PN	Pn	22 35 06.2 +0.3
BT02	Baotou		PN	Pn	22 38 40.2 +1.8

BTO2	comp=N,450nm,4.9s		LR	LR	
BTO2	comp=E,350nm,4.1s		LR	LR	
AKTO	comp=Z,420nm,17.3s	19.08 299	P	P	22 35 06.5 -1.0
AKTO	comp=Z,0.3nm,0.3s,baz=95,slow=9.1,SNR=9.0		Lg	Lg	22 40 45.8
AKTO	comp=Z,20,slow=20		LR	LR	22 42 53.3
AKTO	comp=Z,304nm,19.3s,baz=60,slow=38		LR	LR	
AKTO	comp=Z,5.3nm,0.9s		PN	Pn	22 35 07.2 -0.3
SHL	Shillong	19.39 160	P	P	22 35 09.9 -1.3
SHL	Shillong		PN	Pn	22 35 09.9 -1.3
SHL	Shillong		PN	Pn	22 35 09.9 -1.3
SHL	Shillong		PN	Pn	22 35 13.4
SVE	Sverdlouvs	19.76 319	eP	P	22 35 14.3 -0.6
SVE	Sverdlouvs		eS	S	22 38 42.6 -1.5
HRA	Herat	19.80 248	P	P	22 35 13.7 -1.9
HHC	Hu-ho-hao-te	20.10 90	eP	P	22 35 19.0 +0.2
HHC	Hu-ho-hao-te		PN	Pn	22 35 19.0 +0.2
HHC	Hu-ho-hao-te		PN	Pn	22 35 19.0 +0.2
HHC	Hu-ho-hao-te		PN	Pn	22 35 19.0 +0.2
HHC					

Table with columns: IAR, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Eielson Array, Yellowknife Ar, Mina Array Bea, etc.

NEIC 04 03:44:01.9-1.0, 5.6E12N, 0.08-1.49, 2W, 0.1, h21km, 10km, M-L3/46, ML3.2/AEIO, Error ellipse: s-maj=11.7km s-min=8.1km az=161.0

AEIC 04 03:44:04.8-1.0, 5.6E10N, 0.10-1.49, 2W, 0.1, h65km, 6km, Error ellipse: s-maj=14.4km s-min=8.2km az=165.0

ISC 04 03:43:59.0-1.5, 5.6E11N, 0.07-1.49, 31W, 0.06, h10km, n101, r187/106, Gulf of Alaska

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like Kodiak Island, Old Harbor, Sitkinak Island, etc.

Table of seismic stations with columns: KLU, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Klutina, Sawmill, Kilae Creek, etc.

GCG 04 04:05:14.9-2.0, 15.40N, 93.92W, h35km, 30km, MD4.2, Presumed earthquake

MEX 04 04:05:16.9-0.6, 15.45N, 93.93W, h29km, 13km, MD4.0, Presumed earthquake

ISC 04 04:05:15.0-1.4, 15.49N, 93.92W, 0.04, h54km, 57km, n20, r198/34, Near coast of Chiapas

Table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TGIG, PATR, El Naranjo, etc.

SSNC 04 04:10:24.9-2.2, 18.91N, 80.37W, h34km, 863km, MD3.4, ML3.0, Presumed earthquake

JSN 04 04:10:27.3-0.9, 19.27N, 79.86W, h0km, 37km, MD4.0, Presumed earthquake

ISC 04 04:10:21.9-1.1, 18.97N, 80.30W, 0.06, h10km, n18, r252/24, 1C-6D, North of Honduras

Table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FSCY, Frank Sound, G, MCJ, Malvern, etc.

IDC 04 04:35:06.8-1.1, 22.61S, 112.42W, h0km, mb4.2/8, mbmp4.2/8, MS3.7/37, Error ellipse: s-maj=37.5km s-min=25.2km az=35.0

NEIC 04 04:35:08.8-1.6, 22.55S, 112.2W, 0.2, h10km, 1km, mb4.7/12, Error ellipse: s-maj=27.7km s-min=23.8km az=244.0

GCMT 04 04:35:10.8-0.5, 22.84S, 111.96W, 0.04, h24km, 1km, MW4.9/67, Moment Tensor Solution, s17, c2, s67, c20

Duration: 0, Moment tensor: Scale 10^16Nm, Mir-2.19; 18; Mw=1.4; 1.2; Mw0.78; 1.1; Mw-0.31; 1.4; Mw-0.45; 0.6; Mw-1.2; 1.4; Best double couple; Ms2.18000x1016

NP1=104.000000, 842.000000, -121.000000; NP2=0.32200000, 855.000000, -65.000000; Principal axes: T 1.6790, P1g7.0000, Azm35.0000; N 1.0040, B1g2.0000, Azm127.0000; P -2.6810, P1g69.0000; Azm287.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 04:35:08.6-0.6, 22.55S, 112.2W, 0.1, h10km, n177, r190/138, mb4.7/56, MS3.8/36, Easter Island region

Table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KLU, Klutina, SML, Sawmill, etc.

Main table of seismic stations with columns: RPN, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Rapa Nui, H03N2, Juan Fernandez, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PV10 Paradox Valley, CMB Columbia Colle, LHV Little Huntoon, PSUT Pine Spring, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array Be, HHC Hu-liu-hao-te, SOMNI Songino Array, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TARZ Mount Tarawera, WMGZ Waioamatatini S, MWZ Matawai, etc.

RIDG	comp=N,605nm,0.5s	2.51	56	IAML	Pn	09 14 05.5 +1.8
RIDG	Independent Ri					09 14 41.8
WAZA	comp=N,1µm,0.5s	2.54	95		Pn	09 14 05.2 +1.0
COLA	Wranan Mount	2.58	16	P	Pn	09 14 04.7 +1.0
COLA	College	2.58	16	S	Sn	09 14 34.4 -0.4
COLA	College	2.58	16	S	Sn	09 14 04.8 +0.3
EYAK	Cordova Ski Ar	2.60	134	P	Sn	09 14 05.0 +0.2
EYAK	Cordova Ski Ar	2.60	134	S	Sn	09 14 37.2 +2.0
EYAK	Cordova Ski Ar	2.60	134	Pn	Sn	09 14 09.1 +0.1
EYAK				Pn	IAML	09 14 48.4
EYAK	comp=E,433nm,0.6s					09 14 48.7
P23K	comp=N,633nm,0.7s	2.63	156	Pn	Pn	09 14 05.2 0.0
P23K	Montague Islan			Pn	IAML	09 14 46.0
P23K	comp=N,797nm,0.5s					09 14 48.5
IL31	comp=E,1µm,0.6s	2.65	25		Pn	09 14 05.5 +0.1
ILAR	Eielson Array	2.65	25	P	Pn	09 14 03.9 -1.6
ILAR	comp=E,34nm,0.3s,baz=318,slow=3.8,SNR=31				Sn	09 14 37.5 +1.1
ILAR	comp=E,254nm,0.4s,baz=181,slow=1.1,SNR=7.4				S	
ILAR	comp=E,84nm,0.3s					
ILAR	Manley	2.69	349		AML	09 14 06.1 +0.1
MLY	Manley	2.73	76		Pn	09 14 06.8 +0.2
MENT	Mentasta	2.73	76	IAML		09 14 59.4
MENT	Mentasta	2.73	76	IAML		09 14 59.4
BRLK	Bradley Lake	2.73	195		Pn	09 14 08.0 +1.3
BRLK					IAML	09 14 47.5
BRLK	comp=E,396nm,0.5s					09 14 56.6
J20K	comp=N,377nm,0.7s	2.74	312		Pn	09 14 07.2 +0.5
BRSE	Novinta River	2.74	193		Pn	09 14 06.8 +0.1
I23K	Minto, Yukon-K	2.75	1		IAML	09 14 39.6
I23K	comp=N,437nm,0.6s					09 14 06.5 -0.5
BMRM	Bremner River	2.75	120		Pn	09 14 08.2 +0.9
O20K	Slope Mountain	2.77	214		Pn	09 14 08.9 +0.5
N19K	Bonanza Creek	2.86	238		Pn	09 14 08.7 +0.2
GLB	Gilahina Butte	2.87	107		IAML	09 14 53.5
GLB	Gilahina Butte	2.87	107	IAML		09 14 53.5
J25K	Salcha River,	2.89	38		Pn	09 14 08.9 +0.1
J25K					IAML	09 14 48.2
L26K	Log Cabin Wild	2.91	75		Pn	09 14 10.0 +0.9
IVE	Iliamna Volcan	2.94	217		Pn	09 14 10.3 +0.8
HOM	Home	2.95	201		Pn	09 14 10.8 +1.3
HOM	Home	2.95	201	IAML		09 15 05.9
I21K	comp=E,698nm,0.9s	2.99	340		Pn	09 14 10.5 +0.4
I21K	Tanana				IAML	09 14 45.6
ILSW	comp=N,422nm,0.8s	3.00	217		Pn	09 14 11.7 +1.3
ILS	Iliamna Sound	3.00	216		Pn	09 14 11.0 +0.6
CNPM	China Low So	3.01	197		Pn	09 14 10.8 +0.3
CNPM	China Low So	3.01	197		Pn	09 14 54.9
CNPM	comp=E,399nm,0.6s					09 14 57.2
M26K	comp=N,362nm,0.5s	3.04	87		IAML	09 15 02.7
M26K	Nabesna, AK				IAML	09 15 02.7
M26K	comp=N,639nm,0.5s					09 15 03.7
RAGM	comp=E,672nm,0.5s	3.09	129		Pn	09 14 11.1 -0.5
VRDI	Ragged Mount	3.11	110		Pn	09 14 11.6 -0.4
VRDI	Verde Repeater				IAML	09 15 03.3
VRDI					IAML	09 15 03.3
J19K	comp=N,577nm,1.1s	3.19	303		IAML	09 14 50.1
J19K	Poorman				IAML	09 15 02.2
O19K	comp=E,367nm,0.5s	3.21	228		Pn	09 14 13.9 +0.9
O19K	Port Alsworth				IAML	09 15 18.4
O19K	comp=E,503nm,0.4s					09 15 22.0
I20K	comp=N,368nm,0.4s	3.26	319		Pn	09 14 14.4 +0.6
P19K	Naagheadened	3.30	215		Pn	09 14 15.4 +1.0
MID	Oil Pt	3.37	151		Pn	09 14 15.9 +0.6
MID	Middleton Isla	3.37	151		IAML	09 15 16.5
MID	Middleton Isla	3.37	151		IAML	09 15 16.5
MID	comp=E,276nm,0.7s					09 15 25.8
BERG	comp=N,327nm,1.2s	3.45	123		Pn	09 14 16.2 -0.2
J18K	Berg Lake	3.46	291		IAML	09 14 56.2
J18K	Innoko River				IAML	09 14 56.9
J18K	comp=N,239nm,0.6s					09 14 16.8 +0.2
PS06	TAPS Pump Stn5	3.51	243		Pn	09 14 16.3 -0.3
N16K	Kilias Creek	3.51	133		Pn	09 14 15.4 -1.0
KAIM	Kayak Island	3.51	133		IAML	09 15 43.0
KAIM	Kayak Island	3.51	133		IAML	09 15 43.0
KAIM	comp=N,230nm,0.8s					09 14 18.8 +0.7
M27K	comp=E,220nm,0.9s	3.56	87		Pn	09 15 17.7
M27K	Edge Creek, AK	3.56	87		IAML	09 15 22.2
M27K	Edge Creek, AK	3.56	87		IAML	09 15 22.2
M27K	comp=N,198nm,1.0s					09 14 18.2 0.0
PTPK	comp=E,204nm,0.7s	3.57	107		Pn	09 14 18.2 0.0
AU22	Patty Peak	3.58	213		Pn	09 14 19.8 +1.6
PRP	Augustine Moun	3.58	28		IAML	09 15 01.4
PRP	Porcupine Dome	3.58	28		IAML	09 15 01.4
PRP	comp=N,358nm,0.6s					09 14 18.4 -0.3
TGL	comp=N,244nm,0.6s	3.60	114		Pn	09 14 18.4 -0.3
AGU	Tana Glacier	3.61	214		Pn	09 14 18.7 +0.7
AUJK	Augustine Jueg	3.63	213		Pn	09 14 19.5 +0.7
AUJ	Augustine Isla	3.63	213		Pn	09 14 19.4 +0.4
BC05	Beaver Creek A	3.68	109		Pn	09 14 19.3 -0.4
BALM	Baldy	3.73	110		Pn	09 14 19.8 -0.6
KIAG	Kiagna River	3.73	230		Pn	09 14 20.8 -0.0
O18K	Koktuh Hills	3.73	230		Pn	09 15 33.6
M17K	Hollina River	3.88	258		IAML	09 15 38.3
M17K	comp=E,276nm,1.3s					09 15 24.5
BARN	comp=N,231nm,0.9s	3.98	106		IAML	09 15 25.2
BARN	Barnard Glacie				IAML	09 14 24.7 +0.4
BARN	comp=E,264nm,0.5s					09 14 24.7 +0.5
IM05	comp=N,290nm,0.7s	4.02	335		Pn	09 15 12.7
IM05	Indian Mountai	4.02	335		Pn	09 15 10.7
O19K	Cape Douglas,	4.04	212		IAML	09 15 10.9
O19K	Cape Douglas,	4.04	212		IAML	09 15 28.2
K17K	comp=N,311nm,0.8s	4.08	278		IAML	09 15 28.3
K17K	Iditarod				IAML	09 15 28.3
K17K	comp=N,240nm,0.8s					09 14 25.6 -0.1
GRNC	comp=E,326nm,0.8s	4.13	246		Pn	09 15 45.2
GRNC	Granite Creek	4.13	246		IAML	09 15 48.2
GRNC	comp=N,318nm,0.7s					09 15 28.3
N17K	comp=N,213nm,1.0s	4.13	246		Pn	09 15 42.1 +0.6
N17K	Nushagak Hills	4.13	246		IAML	09 14 27.3 -0.5
N17K	Nushagak Hills	4.13	246		IAML	09 15 37.2
N17K	comp=N,168nm,0.9s	4.20	21		Pn	09 15 28.2
H25L	Birch Creek	4.27	115		Pn	09 15 37.2
YAH	Yahste	4.27	115		IAML	09 15 37.2
YAH	Yahste	4.27	115		IAML	09 15 37.2
LOGN	comp=N,320nm,0.8s	4.37	108		Pn	09 14 29.2 +0.1
LOGN	Logan Glacier	4.37	108		IAML	09 15 37.3
LOGN	Logan Glacier	4.37	108		IAML	09 15 37.3
LOGN	comp=E,212nm,0.6s					09 15 37.4
H19K	comp=N,288nm,0.9s	4.37	319		IAML	09 15 41.1
H19K	Roundabout Mou				IAML	09 15 47.0
PS05	comp=N,114nm,0.6s	4.45	354		Pn	09 14 30.7 +0.7
G21K	TAPS Pump Stn5	4.47	339		Pn	09 14 30.8 +0.5
G21K	Allakaket	4.47	339		IAML	09 15 22.7
G21K	Allakaket	4.47	339		IAML	09 15 23.3
G21K	comp=N,239nm,0.7s					09 15 23.3
G21K	comp=E,140nm,0.9s					09 17 08.2 -1.2

KAPH	Katmai Pasha	4.51	214		Pn	09 14 31.1 +0.1
FYU	Fort Yukon	4.57	22		IAML	09 15 38.0
FYU	comp=N,142nm,0.5s					09 15 38.0
G22K	comp=N,183nm,0.8s	4.61	350		Pn	09 14 33.0 +0.8
Q18K	Bettles	4.64	218		Pn	09 14 32.6 +0.4
KAHG	Katmai Hood Gr	4.65	215		Pn	09 14 32.6 -0.2
P17K	Kvichak River	4.68	229		Pn	09 14 34.9 +1.8
KARF	Katmai Rainbow	4.69	215		Pn	09 14 34.0 +0.7
M16K	Timber Creek	4.70	257		Pn	09 14 33.5 0.0
M16K	Timber Creek	4.70	257		IAML	09 16 02.4
I27K	comp=N,74nm,0.7s	4.73	44		Pn	09 14 35.0 +1.0
I27K	Kandik River	4.73	44		IAML	09 15 32.0
I27K	Kandik River	4.73	44		IAML	09 15 45.2
I27K	comp=E,159nm,0.9s	4.74	266		IAML	09 15 30.2
L16K	Owhat River	4.75	106		Pn	09 14 34.6 +0.2
O28M	comp=N,76nm,0.5s	4.75	106		Pn	09 15 48.0
O28M	Mount Upton	4.75	106		IAML	09 15 48.0
O28M	Mount Upton	4.75	106		IAML	09 15 48.0
O28M	comp=E,105nm,0.9s					09 15 49.5
O28M	comp=N,165nm,0.6s	4.76	99		Pn	09 14 35.1 +0.6
YUK8	Steele Glacier	4.79	309		Pn	09 15 29.5
H18K	Honhosa River	4.80	115		Pn	09 14 35.5 +0.6
SAHM	comp=N,106nm,0.7s	4.84	205		Pn	09 14 35.8 +0.3
N16K	Samovar Hills	4.85	257		Pn	09 15 30.0
COLD	Nisichlake	4.85	357		IAML	09 16 00.2
DAWY	Coldfoot	4.87	66		IAML	09 16 05.2
DAWY	Dawson	4.87	66		IAML	09 16 05.2
DAWY	comp=N,114nm,0.7s					09 14 35.1 -0.9
KDAK	comp=E,110nm,0.8s	4.89	200		Pn	09 15 28.8 -2.4
KDAK	Kodiak Island	4.89	200		Sn	09 15 28.8 -2.4
KDAK	comp=E,1.1nm,0.3s,baz=31.8,slow=3.5,SNR=18					09 14 35.0 -1.1
KDAK	comp=E,1.4nm,0.3s,baz=266,slow=21,SNR=6.2					09 16 09.2
KDAK	comp=N,85nm,1.0s	4.89	200		AML	09 14 35.0 -1.1
KDAK	Kodiak Island	4.89	200		IAML	09 16 09.2
O16K	comp=E,76nm,1.1s	5.04	240		Pn	09 14 38.1 0.0
O16K	Kokwok River B	5.04	240		IAML	09 16 12.8
O16K	Kokwok River B	5.04	240		IAML	09 16 12.8
PCA	Pinnacle	5.04	113		Pn	09 14 37.7 -0.5
BRWY	Burwash Landin	5.				

4d 9h

2020 AUG

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Table with columns: Name, Time, Status, and other details. Includes entries like ISAL Salakas, MZWR Madinat Zayed, SOKA Soboth, etc.

Table with columns: Name, Time, Status, and other details. Includes entries like KBA Koelnbreinsper, KBA Koelnbreinsper, SOHO SOHO, etc.

Table with columns: Name, Time, Status, and other details. Includes entries like CLL Collm, CLL Collm, CLL Collm, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like N15K, N32M, N14K, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like ADK, P53A, WRAK, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like PDAR, G08A, T35A, etc.

137NO 137NO 6.34 317 I I 10 57 40.0
 bsz=127,slow=316,SNR=4.8
 FAUS Fauke 6.73 299 S Sn 10 24 22.1 +2.4
 AAL Aland 6.81 231 eP Pn 10 23 03.5 +0.2
 HFS Hagfors 9.15 247 Pn Pn 10 23 34.1 -1.4
 comp=Z,1.1nm,0.3s,baz=64,slow=13,SNR=7.7
 comp=Z,0.5nm,0.3s
 HFS AML AML

AEIC 04 10:23:26.7,0.6,51.7N,0.3,179.67E,0.07,h76km,4km,
 Error ellipse: s-maj=6.7km s-min=-5.5km az=185.0
 NEIC 04 10:23:26.8,0.3,51.7N,0.3,179.63E,0.08,h82km,7km,
 ML3.5/10,ML3.2(AEIC), Error ellipse: s-maj=49.3km
 s-min=5.5km az=185.0, Flat Islands

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
CESW	Semis' Southwest	0.25 351		Pn	Pn	10 23 39.8 -0.3	
CESW				Pn	Pn	10 23 47.9 -0.2	
CERRA	Semis' Rag'd T	0.26 8		Pn	Pn	10 23 39.0 0.0	
CERB	Semis' Cerberu	0.28 1		Pn	Pn	10 23 39.4 +0.2	
CERB				Pn	Pn	10 23 48.5 +0.1	
CEPE	Semis' Perret	0.32 3		Pn	Pn	10 23 39.1 -0.3	
CETU	Semis' Tuman	0.33 346		Pn	Pn	10 23 39.3 -0.2	
AMKA	Amchitka	0.34 217		Pn	Pn	10 23 48.0 0.0	
AMKA				Pn	Pn	10 23 48.9 -0.1	
CEAP	Semis' Anvil P	0.35 355		Pn	Pn	10 23 39.5 -0.1	
LSSE	Little Sitkin	0.71 294		Pn	Pn	10 23 42.7 0.0	
LSPA	Little Sitkin	0.72 296		Pn	Pn	10 23 42.8 0.0	
LSPA				Pn	Pn	10 23 54.8 0.0	
LSNW	Little Sitkin	0.76 295		Pn	Pn	10 23 42.9 -0.3	
GASW	Gareloi Southw	0.95 82		Pn	Pn	10 23 45.5 +0.1	
GASW				Pn	Pn	10 23 59.4 +0.1	
GAKI	Gareloi-Kavalg	0.98 95		Pn	Pn	10 24 00.1 +0.3	
GANO	Gareloi North	0.99 80		Pn	Pn	10 23 45.8 -0.1	
GANE	Gareloi Northe	1.01 80		Pn	Pn	10 24 00.7 +0.3	
GAEA	Gareloi East	1.02 82		Pn	Pn	10 24 01.2 +0.5	
TACS	Tanaga Cape Sa	1.41 80		Pn	Pn	10 23 51.3 +0.3	
TANO	Tanaga North	1.43 78		Pn	Pn	10 23 51.5 +0.3	
TANO				Pn	Pn	10 24 09.8 +0.2	
TAFP	Tanaga Falls P	1.51 80		Pn	Pn	10 23 52.2 0.0	
TAFP				Pn	Pn	10 24 11.1 -0.4	
TAPA	Tanaga Point A	1.60 83		Pn	Pn	10 23 53.7 +0.2	
KIMD	Kanaga Island	1.96 86		Pn	Pn	10 23 58.4 +0.3	
KIMD				Pn	Pn	10 24 22.1 +0.1	
KIWB	Kanaga Island	2.01 83		Pn	Pn	10 23 58.9 +0.1	
KIWB				Pn	Pn	10 24 25.5	
KIWB	comp=E,378nm,0.4s			IAML		10 24 27.8	
KIWB	comp=N,326nm,0.4s			IAML			
KINC	Kanaga Island	2.04 81		Pn	Pn	10 23 59.4 +0.3	
KIRH	Kanaga Island	2.05 82		Pn	Pn	10 23 59.6 +0.2	
ADK	Adak	2.31 83		Pn	Pn	10 24 02.0 -0.1	
ADK				Pn	Pn	10 24 30.9	
ADK	comp=N,245nm,0.3s			IAML		10 24 31.1	
ADK	comp=N,325nm,0.3s			IAML			
ADAG	Mount Adagadk	2.37 80		Pn	Pn	10 24 03.5 0.0	
ETKA	Kagalaska Isla	2.48 84		Pn	Pn	10 24 05.1 +0.1	
GSKC	Great Sitkin C	2.64 80		Pn	Pn	10 24 07.1 -0.2	
GSTD	Great Sitkin T	2.66 80		Pn	Pn	10 24 07.1 -0.4	
GSMY	Great Sitkin M	2.71 80		Pn	Pn	10 24 08.0 -0.2	
GSRT	Great Sitkin R	2.71 79		Pn	Pn	10 24 08.1 -0.1	
GSIG	Igitkin Island	2.78 81		Pn	Pn	10 24 08.9 -0.3	
KOWE	Korovin West	3.85 77		Pn	Pn	10 24 23.5 -0.1	
ATKA	Atka Island	3.87 79		Pn	Pn	10 24 24.1 +0.3	
ATKA				Pn	Pn	10 25 16.1	
ATKA	comp=E,49nm,1.4s			IAML		10 25 23.2	
ATKA	comp=N,53nm,1.0s			IAML			
KOKL	Mount Kluchef	3.88 78		Pn	Pn	10 24 24.4 +0.4	
UNV	Unalaska Valle	8.70 70		Pn	Pn	10 25 32.2 +2.5	
LVA	Lava Point	9.03 68		Pn	Pn	10 25 36.8 +2.4	
SDPT	Sand Point	12.40 65		Pn	Pn	10 26 18.8 -1.2	

SOME 04 10:31:30.6, 43°63'N, 69°80'E
 NNC 04 10:31:32.0, 1.6, 43°65'N, 69°82'E, h0km, mb3.6, mpv3.2,
 Error ellipse: s-maj=9.7km s-min=7.3km az=96.0,
 Suspected Mining explosion.

ISC 04 10:31:36.1, 1.6, 43°48'N, 0.07°70'06"E, 0.08, h0km, n17,
 r=154/26, 4C, Central Kazakhstan

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
KK31	Karatay Array	0.51 139		Pg	Pg	10 31 44.9 -0.8	
KK31				Pg	Pg	10 31 57.1 +1.4	
IUG	Iuzhnyy	1.34 181		Pg	Pg	10 32 00.0 -1.6	
IUG				Pg	Pg	10 32 21.6 +1.0	
IUG	Iuzhnyy	1.34 181		eP	Pg	10 32 00.0 -1.6	
IUG				eS	Pn	10 32 21.6 +1.0	
MRKS	Merke	2.44 107		Pg	Pb	10 32 20.6 -0.2	
MRKS				Lg	Lg	10 32 56.5	
MRKS	Merke	2.44 107		eP	Pb	10 32 20.6 -0.2	
MRKS				eS	Pg	10 32 56.5 +2.2	
BTLS	Baital	3.26 60		Pg	Pb	10 32 35.4 +0.6	
BTLS				Lg	Lg	10 33 21.5	
BTLS	Baital	3.26 60		eP	Pg	10 32 35.4 +0.6	
BTLS				eS	Pb	10 33 21.5 +0.7	
SGDS	Sogindy	3.33 89		Pg	Pb	10 32 35.9 -0.1	
SGDS				Lg	Lg	10 33 22.4	
AAK	Ala-Archa	3.36 103		Pg	Pg	10 32 39.2 -1.2	
AAK				Il	Lg	10 33 25.6	
KRBS	Karabastau	4.09 85		Pg	Pb	10 32 49.3 +0.3	
KRBS				Lg	Lg	10 33 45.9	
KRBS	Karabastau	4.09 85		eP	Pb	10 32 49.3 +0.3	
KRBS				eS	Pg	10 33 45.9 -1.5	
DGS	Degeres	4.18 91		Pg	Pb	10 32 51.7 +1.3	
DGS				Lg	Lg	10 33 49.9	
DGS	Degeres	4.18 91		eP	Pb	10 32 51.7 +1.3	
DGS				eS	Pg	10 33 49.9 -0.3	
KTBS	Karatobe	4.82 85		Pg	Pb	10 33 02.1 +0.7	
KTBS				Lg	Lg	10 34 07.8	
KTBS	Karatobe	4.82 85		eP	Pb	10 33 02.1 +0.7	
KTBS				eS	Pg	10 34 07.8 -3.0	
ARXS	Arhary	5.67 80		Pg	Pb	10 33 18.4 +2.5	
ARXS				Lg	Lg	10 34 35.3	
ARXS	Arhary	5.67 80		eP	Pb	10 33 18.4 +2.5	
ARXS				eS	Pg	10 34 35.3 -2.8	

BER 04 10:43:02.9, 3.0, 77°27'N, 7°49'E, h23km, 12km, Mw3.5,
 ML 1.7(DNK), Confirmed Earthquake
 DNK 04 10:43:02.0, 2.9, 77°16'N, 7°33'E, h36km, 33km, ML 1.7,
 Presumed earthquake
 KOLA 04 10:43:04.5, 77°56'N, 8°1'E, h0km, ML2.0, Greenland
 sea, Knipovich ridge, middle
 ISC 04 10:43:00.7, 1.1, 77°31'N, 0°08', 7°28'E, 0.05, h21km, 7km,

n16, r=212/32, 2D, Svalbard region

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
BRBA	Barentsburg A	1.67 60		eP	Pb	10 43 28.6 0.0	
BRBA				eP	Pb	10 43 31.0 +0.4	
BRBA				IAMLHF		10 43 46.6	
BRBA	Barentsburg B	1.68 59		eS	Pn	10 43 46.9 -2.4	
BRBA				eS	Pb	10 43 51.1 +0.1	
BRBB	Barentsburg B	1.68 59		eP	Pn	10 43 28.8 0.0	
BRBB				eP	Pb	10 43 31.1 +0.4	
BRBB				eS	Pn	10 43 47.0 -2.5	
BRBB	Barentsburg B	1.68 59		Pn	Pn	10 43 28.7 0.0	
BRBB				Pn	Pn	10 43 46.4 -3.1	
KBS	Kingsbay	1.89 29		eP	Pn	10 43 31.9 +0.3	
KBS				IAML		10 43 34.9	
KBS	comp=Z,1.1nm,0.1s			IAML			
KBS				eS	Pn	10 43 53.1 -1.5	
KBS	Kingsbay	1.89 29		Pn	Pn	10 43 31.9 +0.3	
KBS				Pn	Pn	10 43 53.2 -1.5	
KBS	Kingsbay	1.89 29		Pn	Pn	10 43 32.1 +0.5	
KBS				Pn	Pn	10 43 53.1 -1.5	
SPA0	Spitsbergen Ar	2.12 61		Il	Pn	10 43 36.2 +1.3	
SPA0				IAML		10 43 36.5	
SPA0	Spitsbergen Ar	2.12 61		eS	Pn	10 44 00.2 -0.4	
SPITS	Spits	2.12 61		Pn	Pn	10 43 35.9 +1.0	
SPITS				Pn	Pn	10 43 52.8	
HOPEN	Hopen	4.10 93		eP	Pn	10 44 03.0 +1.0	
HOPEN				eS	Pn	10 44 45.5 -3.8	
HOPEN				IAMLHF		10 44 49.2	
DAG	Danmarks Havn	5.83 277		Pn	Pn	10 44 25.9 +0.2	
DAG				I	Pn	10 45 26.4 -5.4	
DAG				IAMLHF		10 45 28.3	
DAG	comp=Z,1.3nm,0.2s			IAML		10 45 31.2	
DAG	Danmarks Havn	5.83 277		Pn	Pn	10 44 25.9 +0.2	
DAG				I	Pn	10 45 26.4 -5.4	
DAG				IAML		10 45 31.2	
NOR	Nord	6.08 326		Pn	Pn	10 44 30.1 +0.9	
NOR				I	Pn	10 45 37.0 -1.0	
NOR				IAMLHF		10 45 40.4	
NOR	comp=Z,0.3nm,0.2s			I	Pn	10 44 30.1 +0.9	
NOR				I	Pn	10 45 37.0 -1.0	
DBG	Daneborg	7.34 260		Pn	Pn	10 44 46.9 +0.5	
DBG				Pn	Pn	10 46 00.4 -8.5	
DBG				IAML		10 46 07.5	
DBG	comp=Z,4.4nm,0.9s			I	Pn	10 44 46.9 +0.5	
DBG				I	Pn	10 46 00.4 -8.5	
DBG				IAML		10 46 07.5	
JNW	Jan Mayen West	7.60 222		eP	Pn	10 44 51.2 +1.2	

ISC 04 10:49:14.2, 1.3, 24°69'N, 124°22'E, h0km, mb3.6/4,
 mbmp3.7, ML3.4/3, MS3.0/1, Error ellipse: s-maj=30.2km
 s-min=25.5km az=70.0
 JMA 04 10:49:22.0, 1.2, 24°8'N, 0.9, 124°7'E, 0.4, h61km, MV3.3/13,
 NEAR MIYAKOJIMA ISLAND
 ISC 04 10:49:22.0, 0.8, 24°76'N, 0.09, 124°71'E, 0.04, h63km, 7km,
 n32, r=105/44, mb3.6/4, Southwestern Ryukyu Islands

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
JTJ	Tarama	0.12 184		Pn	Pn	10 49 31.5 0.0	
JTJ				Pn	Pn	10 49 38.5 +0.3	
JISG	Ishigakijimahi	0.40 245		Pn	Pn	10 49 33.4 +0.1	
JISG				Pn	Pn	10 49 41.6 +0.2	

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, SNR, etc. Includes stations like SHENYANG, DALIAN, KUL'DUR, etc.

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, SNR, etc. Includes stations like MOY MONDY, PZH PANZHITUO, GOMU GEERLU, etc.

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, SNR, etc. Includes stations like BTLS BAITAL, USP OSHENOVKA, E23K CHANDALAR, etc.

4d 12h

Table with columns: WRAB, Tennant Creek, 42.29 269, P, P, 11 55 38.0 -0.6, 11 55 38.6. Includes stations like WRA, FITZ, FITZ, MBWA, BBSI, DBNI, ELIB, etc.

NEIC 04 11:55:59.5, 1.1, 20.79N, 0.10, 121.99E, 0.09, h158km, 6km, mb4.3/39, Error ellipse: s-maj=14.0km s-min=11.5km az=182.0

ISC 04 11:56:04.0, 3.3, 20.81N, 122.18E, h214km, 34km, mb3.5/21, mbtmp4.1/23, Error ellipse: s-maj=16.8km s-min=9.3km az=7.0

ISC 04 11:55:58.7, 0.5, 20.89N, 0.04, 122.02E, 0.08, h150km, n91, s125N/91, mb4.0/40, Philippine Islands region

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

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Table with columns: ABKAR, Akbulak array, 56.31 316, P, P, 12 05 23.9 +0.2, 12 05 23.9. Includes stations like C16K, M14K, O14K, etc.

NEIC 04 12:10:17.9, 1.1, 5.94S, 0.08, 148.5E, 0.1, h179km, 5km, mb4.3/18, Error ellipse: s-maj=15.2km s-min=10.5km az=110.0

ISC 04 12:10:19.8, 1.8, 6.01S, 148.42E, h92km, 15km, mb4.0/8, mbtmp4.3/11, Error ellipse: s-maj=27.2km s-min=10.6km az=117.0

ISC 04 12:10:16.6, 0.6, 5.91S, 0.06, 148.42E, 0.10, h65km, n39, s125N/91, mb4.2/15, New Britain region

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

1212

Table with columns: ILAR, Eielson Array, 84.85 23, P, P, 12 22 43.1 -0.8, 12 22 43.1. Includes stations like D25K, D25K, TORO, etc.

IDC 04 12:22:25.0, 5.2, 18.07S x 178.36W, h610km, 27km, mb2.6/3, mbtmp3.5/4, Error ellipse: s-maj=173.0km s-min=34.3km az=143.0, Fiji Islands region

IDC 04 12:47:18.5, 4.7, 70N, 160.90W, h33km, Mwp4.8/7, NEIC 04 12:47:18.5, 2.0, 54.72N, 0.5, 161.14W, 0.07, h35km, 1km, mb5.2/7, Ms4.1/34, Mw5.2/40, Mw5.2/40, Mw5.1/15, Mw5.2/77, ML4.9(A/EI), Error ellipse: s-maj=9.0km s-min=6.6km az=184.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr3.17; Ms2.21; Mw2.09; Me4.21; Mw1.39; Mw2.27; Fault plane solution: Ms7.20000x10^16 NP1:phi=60.84000, delta=73.39000, lambda=12000. NP2: phi=233.47000, delta=16.74000, lambda=94000. Principal axes: T 5.7568, Plg2.0000, Azm33.0000, P -0.0709, Plg2.0000, Azm240.0000, P -5.6859, Plg28.0000, Azm149.0000; Moment Tensor Solution. Moment tensor: Scale 10^16 Nm; Mr3.10; Mr2.72; Ms2.32; Mw2.39; Ms3.03; Mw2.64; Mw1.03; Fault plane solution: Ms8.67000x10^16 NP1:phi=60.23000, delta=55.77000, lambda=5.11000; NP2:phi=231.19000, delta=83.56000, lambda=5.30000; Principal axes: T 9.3599, Plg79.0000, Azm349.0000; N -1.6105, Plg4.0000, Azm237.0000; P -7.7494, Plg11.0000, Azm147.0000; GFZ 04 12:47:19.6, 5.4, 93N, 161.35W, h43km, Mw5.1/54, Moment Tensor Solution. Moment tensor: Scale 10^16 Nm; Mr4.86; Mw4.13; Ms2.07; Ms3.02; Mw2.28; Mw1.52; Ms3.03; Mw2.64; Mw1.03; Fault plane solution: Ms6.10400x10^16 NP1:phi=63.33448, delta=1.84673, lambda=989275. NP2:phi=243.37104, delta=28.15328, lambda=9.03227. Principal axes: T 5.8842, Plg73.1533, Azm33.2924, N 0.4183, Plg0.0159, Azm63.3426; P 6.3025, Plg16.8467, Azm153.3472; GFZ 04 12:47:19.4, 0.1, 5.5N, 3.16W, h38km, Ms5.0/115, mb5.3/15

NEIC 04 12:47:19.4, 5.4, 76N, 161.19W, h44km

AEIC 04 12:47:19.4, 3.4, 5.4, 69N, 0.05, 161.14W, 0.05, h17km, 3km, Error ellipse: s-maj=7.6km s-min=4.3km az=183.0

BGR 04 12:47:19.8, 5.4, 97N, 162.71W, h33km, mb5.1, Ms4.2

NEIC 04 12:47:19.4, 5.4, 76N, 161.19W, h44km

NEIC 04 12:47:19.2, 5.4, 74N, 161.14W, h42km

GCMT 04 12:47:21.7, 0.1, 5.4, 88N, 0.01, 161.05W, 0.01, h50km, Mw5.2/37, Moment Tensor Solution. s121, c189 s127, vnf0. Duration: 2s. Moment tensor: Scale 10^16 Nm; Mr6.51; Mw4.48; Ms2.13; Ms3.15; Mw3.12; Mw1.66; Fault plane solution: Ms7.57000x10^16 NP1:phi=57.31000, delta=59.44000, lambda=92.02000. Principal axes: T 7.5553, Plg75.0000, Azm333.0000; N 0.0235, Plg2.0000, Azm236.0000; P -7.5788, Plg14.0000, Azm146.0000; ISC 04 12:47:18.8, 0.3, 5.4, 83N, 0.04, 161.23W, 0.03, h42km, 2km, h42km; P, P, n1166, s127/1024, mb5.2/470, MS4.4/120, 37C-36D, Alaska Peninsula

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, Band, and other technical details. Includes stations like LOR Lormes, CONA Conrad Observa, UBR Ueberherrh, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Band, and other technical details. Includes stations like KBZ Khabaz, SHAI Shihatzmaz, TSSA Tissa, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Band, and other technical details. Includes stations like PMAFR Mafra, HRA Herat, PMTG Montargil, etc.

4d 15h

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Table with columns: PSUT, Pine Spring, 56.20 45 P, P, 15 01 55.4 +1.1, 15 01 56.4, 15 01 59.0 +2.7, etc.

Table with columns: RMOT, Migdal, 1.13 180 S, P, Sn, 15 08 56.8 -0.5, 15 08 39.9 +0.2, etc.

Table with columns: VRAC, Vranov, 20.75 323 eP, P, 15 12 57.1 -3.2, 17 06 20.0, etc.

SJA 04 15:13:50.4d.0.5,21.21s:67.55W,h205km,ML3.5, MW3.5
SCB 04 15:13:52.1s.1.3,21.28S:67.47W,h169km,ML3.9/2, Error ellipse: s-maj=7.7km s-min=6.6km az=1.0

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

GII 04 15:08:18.2d.0.0,33.97N:0.03:35.533E:0.009,h0km, Md3.4/2, confirmed
NEIC 04 15:08:18.1.7,33.90N:0.08:35.52E:0.06,h0km,7km, ML3.3/8, Error ellipse: s-maj=12.0km s-min=6.1km az=195.0

IDC 04 15:08:19.3d.1.6,33.96N:35.56E,h0km,mB3.2/1, mbmp3.4/4, ML2.7/3, Error ellipse: s-maj=19.5km s-min=10.8km az=73.0
GFZ 04 15:08:19.3d.0.3,34.1N:3.35E, h0km, M3.6/12, ML3.5/12, Error ellipse: s-maj=15.8km s-min=6.0km az=90.3, confirmed

ISK 04 15:08:20.7.3,35.95N:35.55E,h0km,ML3.4/16, Suspected Mining explosion.

HLW 04 15:08:26.3.3,33.49N:35.15E,h0km,26km, Md3.1, M3.2 ISC 15:08:18.1d.0.6,33.97N:0.03:35.50E:0.05,h0km,m18, c130/146, Jordan-Syria region

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

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

NEIC 04 15:21:45.9.1.3,18.7N:0.3:69.30W:0.04,h90km,18km, ML3.2/34, Md3.8/10(RSPR), Error ellipse: s-maj=41.2km s-min=3.2km az=185.0
OSPL 04 15:21:47.0.1.8,18.68N:69.33W,h91km,11km,ML2.9, Presumed earthquake

RSPR 04 15:21:50.0, 19:41N-68:76W, h77km, 3km, MD3.8/10
SDD 04 15:21:50.5, 2.5, 18.42N-69:39W, h29km, 11km, MD3.0,
ML2.7, MW3.2, Presumed earthquake

ISC 04 15:21:45.8: 1.3, 18.59N-0.05: 69.30W, 0.02, h89km, 7km,
m6.3, c218/92, 10C-3D, Dominican Republic region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: HUMP, comp=N, 53nm, 0.3s, IAML, 15 23 21.6. Lists station HUMP and its associated data.

Table with columns: HUMP, comp=N, 76nm, 0.2s, 3.31 97/eP, Pn, 15 22 35.8 +0.3. Lists station HUMP with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK and its associated data.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station GRTK with multiple data points.

Table with columns: PMRV, EGOR, Sierra Gorda, 2.94 79 S, S, 15 28 20.8 +1.0. Lists station PMRV and its associated data.

Table with columns: EGOR, Sierra Gorda, 2.94 79 Pn, Pn, 15 27 48.1 +2.6. Lists station EGOR and its associated data.

Table with columns: EGOR, Sierra Gorda, 2.94 79 S, S, 15 28 20.8 +1.0. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 Pn, Pn, 15 27 48.1 +2.6. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 S, S, 15 28 20.8 +1.0. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 Pn, Pn, 15 27 48.1 +2.6. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 S, S, 15 28 20.8 +1.0. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 Pn, Pn, 15 27 48.1 +2.6. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 S, S, 15 28 20.8 +1.0. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 Pn, Pn, 15 27 48.1 +2.6. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 S, S, 15 28 20.8 +1.0. Lists station EGOR with multiple data points.

Table with columns: EGOR, Sierra Gorda, 2.94 79 Pn, Pn, 15 27 48.1 +2.6. Lists station EGOR with multiple data points.

CNRM 04 15:26:59.7, 36:46N:7:85W, h30km, ML3.0
SFS 04 15:27:03.8, 36:69N:7:71W, h27km, ML2.5/9, ML2.5/9,
ML2.7, 4/9

MDD 04 15:27:03.9, 0.6, 36:75N:7:71W, h25km, mb, Lg2.3/8,
Error ellipse: s-maj=5.5km s-min=3.0km az=22.0

INMG 04 15:27:03.8, 1.3, 36:70N:7:66W, h24km, 3km, ML2.1, Error
ellipse: s-maj=3.4km s-min=2.9km az=52.0,
#DIST_RANGE: LOCAL #IPMA_REGION: Golfo de Cadiz
IGIL 04 15:27:04.0, 36:70N:7:66W, h24km, ML2.0

ISC 04 15:27:00.9: 1.1, 36.61N:0.03: 7.72W: 0.03, h32km, 11km,
n56, c1946/100, 1C-2D, Strait of Gibraltar

PSARD Sardoal 3.01 354/eP, Pn, 15 27 47.5 +1.2
PSARD Sardoal 3.01 354/eS, S, 15 28 20.2 -1.1

ZHG ZHG 3.27 164 P, S, 15 27 50.2 +0.2
ZHG ZHG 3.27 164 S, S, 15 28 27.2 -0.7

ELGU Los Guajares, 3.30 84 S, Pn, 15 27 45.8 +0.2
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 19.3 +0.6

ELGU Los Guajares, 3.30 84 S, S, 15 27 46.0 +0.4
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 17.8 -2.1

ELGU Los Guajares, 3.30 84 S, S, 15 28 22.0
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 27 47.5 +1.2

ELGU Los Guajares, 3.30 84 S, S, 15 28 20.2 -1.1
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 21.3

ELGU Los Guajares, 3.30 84 S, S, 15 28 21.6
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 27 50.2 +0.2

ELGU Los Guajares, 3.30 84 S, S, 15 28 27.2 -0.7
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 19.3 +0.2

ELGU Los Guajares, 3.30 84 S, S, 15 27 52.5 +2.1
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 29.2 +0.6

ELGU Los Guajares, 3.30 84 S, S, 15 28 35.4
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 27 55.8 +0.2

ELGU Los Guajares, 3.30 84 S, S, 15 28 48.8 -2.6
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 37.5

ELGU Los Guajares, 3.30 84 S, S, 15 27 59.8 +1.2
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 41.1 -2.3

ELGU Los Guajares, 3.30 84 S, S, 15 28 47.2
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 47.2 -1.4

ELGU Los Guajares, 3.30 84 S, S, 15 28 54.8 -2.3
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 06.5 -1.3

ELGU Los Guajares, 3.30 84 S, S, 15 28 05.7 -4.3
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 07.9 -1.7

ELGU Los Guajares, 3.30 84 S, S, 15 29 17.1 -3.3
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 28 22.9 -1.1

ELGU Los Guajares, 3.30 84 S, S, 15 29 26.7 -2.1
ELGU Los Guajares, 3.30 84 Pn, Pn, 15 29 26.7 -2.1

GII 04 15:30:29.3: 0.0, 40:435N:0:003: 39:700E:0:001, h0km,
Mms4.9, confirmed

ISK 04 15:30:56.4, 38:19N-38:75E, h5km, ML4.4/15
AFAD 04 15:30:58.4, 38:25N-38:78E, h7km, 2km, MW4.4

ISK 04 15:30:59.0: 0.6, 38:24N:38:66E, h0km, mb4.0/16,
mbtmp4.0/25, ML3.6/6, MS3.6/36, Error ellipse:
s-maj=11.4km s-min=7.6km az=163.0

NEIC 04 15:31:01.3: 1.7, 38:23N:0:003: 38:76E:0:06, h10km, 1km,
mb4.3/22, Error ellipse: s-maj=7.6km s-min=5.8km
az=261.0

MCSM 04 15:31:01.0: 0.6, 38:23N:3:30E, h11km, 4km, mb4.3,
mb4.6, MLV4.3, Mw(MB)3.8

GFZ 04 15:31:01.1: 0.3, 38:23N:3:30E, h10km, M4.3/20,
mb4.3/20

ISC 04 15:31:00.2: 0.9, 38:23N:0:02: 38:81E:0:02, h2km, 6km,
n261, c1965/243, mb4.2/42, MS3.4/32, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ESQZ and its associated data.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ESQZ with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG and its associated data.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists station ELZG with multiple data points.

Table with columns for station code, name, frequency, and signal strength. Includes stations like SMRI Semarang, MJAR Matsuhiro Arr, and many others.

Table with columns for station code, name, frequency, and signal strength. Includes stations like QIZ Qiongzong, Vnda Vanda, and many others.

Table with columns for station code, name, frequency, and signal strength. Includes stations like KLR Kul'dur, RPSI Rantau Prapat, and many others.

Table of astronomical observations for 4d 17h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2020 AUG, listing station names, coordinates, and observation details.

Table of astronomical observations for 230, listing station names, coordinates, and observation details.

Table with columns: HFS, baz, s, l, SNR, Pn, Pn, Error ellipse, s-maj, s-min, az, I, AML, AML

IDC 04 17:10:55.6:0.9, 11.35N:124.52E, h0km, mb3.8/9, mbmp3.8/9, MS3.5/1, Error ellipse: s-maj=52.7km, s-min=17.5km az=74.0

MAN 04 17:10:57.0, 11.40N:124.47E, h5km, MS4.3, MAN INTENSITY IV - LEYTE CAPOCAN AND CALUBIAN LEYTE; NAVAL CABUCGAYAN AND BILIRAN BILIRAN; INTENSITY III - CAIBIRAN AND ALMERIA BILIRAN; INTENSITY II - JARO LEYTE.

NEIC 04 17:11:05.0:2.1, 11.56N:125.15E:0.2, h69km, 8km, mb4.4/23, Error ellipse: s-maj=23.1km s-min=13.7km az=86.0

ISC 04 17:10:58.0:1.1, 11.42N:124.54E:0.02, h13km, 7km, n76, c219/97, mb4.2/21, Leyte

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

Table with columns: C19K, Iamb, Iamb, 17 23 04.8, SATY, eS, Sg, 17 24 15.0 +1.2

IDC 04 17:20:38.9:4.7, 47.69N:92.32W, h0km, mbmtmp2.3/1, ML0.7/1, Error ellipse: s-maj=114.4km s-min=29.3km az=49.0, Minnesota

SOME 04 17:21:52.3, 39.62N:74.47E, h25km, KRNET 04 17:21:54.4:0.1, 39.63N:74.65E, h16km, mb3.6, NINC 04 17:21:55.5:2.7, 39.73N:74.58E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=20.2km s-min=19.8km az=177.0

ISC 04 17:21:50.9:1.4, 39.58N:74.70E:0.02, h20km, 4km, n67, c1573/103, 36C-14D, Southern Xinjiang

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

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

IDC 04 17:43:46.2:2.4, 17.16N:147.60E, h0km, mb3.6/7, mbmp3.7/8, ML3.8/1, MS3.7/3, Error ellipse: s-maj=68.2km s-min=19.9km az=92.0

NEIC 04 17:43:47.3:2.0, 17.16N:147.4E:0.1, h10km, 1km, mb4.1/18, Error ellipse: s-maj=23.5km s-min=5.1km az=92.0

ISC 04 17:43:50.3:0.6, 17.13N:147.56E:0.09, h41km, n39, c1535/37, mb4.1/13, MS3.7/3, Mariana Islands region

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

mb4.5/42
MCSM 04:18:10.0,5.0,6.38,NL4x3*8Ea,h11km,4km,mb4.5,
mB5.1,MLv4.7,Mv(mb)4.5
ISC 04:18:40:05.0,0.7,38.25N,0.02,38.77E,0.02,h4km,Turkey,
n501,01978/491,mb4.5/76,MS3.8/39,16C-13D,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MAYA Malatya/Merkez, ESZG Sivrice-Elazig, NARI Adyaman-Kaht, etc.

Table with columns: ORWL, Qaraoun, NAX, Nakhchivan, SOC, Sokhchi, SOC, Soc. Includes stations like QARAOUN, NAX, NAKHCHIVAN, etc.

Table with columns: VRI, Vrincoiaia, PLO, Plostinia, MLR, Muntele Rosu, etc. Includes stations like VRI, PLO, MLR, etc.

2020 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes sections for 4d 19h and CAIB. Rows include call signs like RANC, BLLM, CNCH, etc., and names like El Ranchito, Bellamira, Conchagua, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, and other parameters. Includes stations like E03A Lebam, RADR Rader Ridge, WISH Wish, NLWA Neilton Lookou, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, and other parameters. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, and other parameters. Includes stations like BSCB Bom Sucesso, HYT Haines Junctio, NBPA Parsu, etc.

4d 19h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like MLOA Mauna Loa Obse, G30M tAoh Zrai Njii, EYAK Cordova Ski Ar, etc.

2020 AUG

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like ILAR Eielson Array, ILAR Old Harbor, ILAR Old Harbor, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like L18K comp=Z,92nm,1.2s, G19K Poorman, G21K Allakaket, etc.

2020 AUG

Table with columns: Name, Comp, Az, El, P, S, Az, El, P, S. Includes entries like KONO Kongsberg, MORR MOR8, BCLA Clavier, etc.

Table with columns: Name, Comp, Az, El, P, S, Az, El, P, S. Includes entries like SENIN Lac Senin/Sane, BFO Black Forest, GTTG Göttingen, etc.

Table with columns: Name, Comp, Az, El, P, S, Az, El, P, S. Includes entries like CLL CLL, CLL CLL, CLL CLL, etc.

5d 1h

2020 AUG

Table of astronomical observations for 5 days, 1 hour. Columns include station name (e.g., INKA, AS31, ASAR), object name (e.g., Innaminka, Alice Springs), magnitude, position, and other parameters.

Table of astronomical observations for 2020 AUG. Columns include station name (e.g., L18K, TIA, ANMO), object name (e.g., Granite Mounta, Tai'an), magnitude, position, and other parameters.

Table of astronomical observations for 2020 AUG. Columns include station name (e.g., KSP, NIE, CLL), object name (e.g., Ksiaz, Niedzica), magnitude, position, and other parameters.

ICD 05 01:04:05.3-1.0, 2.08:06N:105.01E, h0km, mb3.6/6, mbmp3.6/7, ML3.8/1, MS2.6/1, Error ellipse: s-maj=83.4km s-min=19.4km az=60.0.
ISC 05 01:04:10.6-1.2, 28.1N:0.2x105.1E:0.4, h35km, n9, 05f1/8, mb3.87, Sichuan

ICD 05 01:19:00.5-1.0, 13:75S:172.41E, h0km, mb3.9/6, mbmp3.9/6, Error ellipse: s-maj=44.3km s-min=24.3km az=146.0.
ISC 05 01:19:06.0-0.9, 13.8S:0.3x172.4E:0.2, h35km, n7, 05f5/7, mb3.97, Vanuatu Islands region

ICD 05 01:25:20.2-2.8, 34:82N:45:65E, h16km, 17km, Presumed earthquake.
TEH 05 01:25:22.4, 34:81N:45:53E, h8km, 55km, ML2.8, Presumed earthquake.
ISC 05 01:25:21.8-1.7, 34:81N:0.08:45:46E:0.08, h10km, n9, 05f11/2, Iran-Iraq border region

5d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MSVF, DGTI, LKBA, etc.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like TNTI, MBWA, DRV, etc.

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

GUC 05 02:07:08.20, 6,30:58S-72:54W, h10km, ML3.2, 2C, Off coast of central Chile

5d 3h

Table with columns: Code, Station Name, Time, Res, and various station codes (e.g., MNK, KONO, AKASG, etc.).

IDC 05 02:33:30.2±1.1, 38°36'N:21°51'E, h0km, mb3.6/7, mbtmp3.5/10, ML3.7/2, Error ellipse: s-maj=22.5km s-min=20.0km az=43.0

THE 05 02:33:31.0, 38°36'N:21°51'E, h0km, M3.0/37, MLh3.0/37

ATH 05 02:33:30.5, 38°30'N:21°54'E, h14km, 1km, ML3.0/18, Latitude uncertainty: 1 km, Longitude uncertainty: 0 km

ISC 05 02:33:31.0, 38°30'N:21°54'E, h0.2, h12km, 4km, n91, c0.92/117, mb3.7, Greece

Main station list table with columns: Code, Station Name, Time, Res, and various station codes (e.g., MSL1, PLEV, PATC, etc.).

2020 AUG

Table with columns: Code, Station Name, Time, Res, and various station codes (e.g., EVR, AMPL, SMHA, etc.).

IDC 05 02:35:12.7±3.1, 3°17'N:128°07'E, h131km, 33km, mb3.7/13, mbtmp4.1/14, Error ellipse: s-maj=37.4km s-min=17.3km az=77.0

DJA 05 02:35:12.0±0.4, 3°N:3°E:12°8'E, h124km, 5km, M4.3/18, mb4.9/7, mb4.5/6, MLV4.1/18, Mvmb4.2/7

NEIC 05 02:35:13.3±1.8, 3°22'N:0°9':128°0E:0.1, h131km, 10km, mb4.0/7, Error ellipse: s-maj=18.9km s-min=10.8km az=60.0

ISC 05 02:35:10.3±0.6, 3°36'N:0°5':128°07'E:0.06, h100km, n39, c136/45, mb4.0/18, North of Halmahera

Main station list table with columns: Code, Station Name, Time, Res, and various station codes (e.g., GAMI, SGSI, TMT, etc.).

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Table with columns: Code, Station Name, Time, Res, and various station codes (e.g., WRA, AS31, ASAR, etc.).

SOF 05 03:12:59.7, 41°56'N:0°21'25.08'E:0.01, h12km, 1km, MD3.2/9

ISK 05 03:12:59.8, 41°56'N:25°04'E, h8km, ML2.9/19

ATH 05 03:12:59.7, 41°60'N:25°06'E, h13km, 2km, ML3.0/10, Latitude uncertainty: 1 km, Longitude uncertainty: 0 km

BE0 05 03:13:00.2±0.7, 41°58'N:25°10'E, h8km, 3km, ML2.8/8

ISC 05 03:12:59.9, 41°57'N:0°22'25.08'E:0.02, h10km, 9km, n73, c0.86/103, 10C-4D, Greece-Bulgaria border region

Main station list table with columns: Code, Station Name, Time, Res, and various station codes (e.g., RZN, RDO, DIM, etc.).

5d 4h

2020 AUG

AZER 05 04:15:24.9,38.333N,46.77E,h10km,m2.8

TEH 05 04:15:25.8,38.31N,46.80E,h16km,66km,ML2.9

Presumed earthquake

ISC 05 04:15:25.9,38.333N,46.77E,0.02,h12km,8km

n29,r19/48,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the Azer earthquake.

JMA 05 04:26:58.0,3.40N,141.5E,h45km,MV3.4/25,FAR

E OFF NORTH HONSHU

ISC 05 04:26:58.0,3.40N,141.5E,h0km,mb3.6/3

m12mp3.6/4,ML2.5/1,MS2.8/2,Error ellipse: s-maj=61.9km

s-min=28.2km az=123.0

ISC 05 04:26:57.8,1.4,39.67N,107.144E,h38km,n17,

0.83/20,mb3.6/3,Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the JMA and Honshu earthquakes.

TEH 05 04:39:56.8,38.32N,46.77E,h10km,88km,ML2.9

Presumed earthquake

AZER 05 04:39:56.8,38.34N,46.78E,h12km,m3.0

ISC 05 04:39:57.1,38.33N,46.75E,0.02,h11km,8km

n28,r19/48,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the Azer and TEH earthquakes.

NOU 05 04:40:13.7,37.47S,179.71W,h0km,MLV4.1/7,East

of North Island, N.Z.

WEL 05 04:40:19.8,1.0,37.9S,178.0E,h18km,15km,M3.6/25,

ML3.5/26,ML3.6/25,Error ellipse: s-maj=12.6km

s-min=7.5km az=27.0,confirmed

ISC 05 04:40:18.0,36.374AS,0.09,179.9E,0.1,h6km,15km,

n76,c0.95/93,Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the Nou and Wel earthquakes.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the BFZ, POWZ, WAZ, TIWZ, MRZ, KHEZ, KHUZ, OGWZ, OUZ, CTZ earthquakes.

PGC 05 04:50:37.9,0.4,50.54N,130.146W,h10km,MLSn2.9/29,

Mw3.5/29,209km west of Port Hardy, Bc Vancouver

Island, Canada Region

ISC 05 04:50:43.3,2.0,50.73N,129.64W,h0km,mb3.3/2,

m12mp3.3/5,ML3.4/3,MS2.8/3,Error ellipse: s-maj=28.4km

s-min=16.4km az=76.0

ISC 05 04:50:46.2,3.5,50.67N,130.02W,0.08,h2km,13km,

n64,r169/57,Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the PGC, ISC, and ISC earthquakes.

DLCB NorthernBC 5 8.11 29 Pn AML

NBCS Newport 8.74 101 LR LR 04 52 40.6 +1.3

NEW Newport 8.74 101 LR LR 04 56 10.3

ELK Elko 14.30 128 LR 05 00 17.1

PDAR Pinedale Array 16.07 112 Pn 04 54 30.6 +3.0

ILAR Eielson Array 16.67 334 Pn 04 54 39.8 +2.3

ULM Laxdalsfallet 21.64 78 P 04 55 31.3 -0.6

ANMO Albuquerque 23.22 124 LR 05 05 52.5

TXAR Lajitas Array 29.09 127 Pn 04 56 44.7 +2.3

H1N2 WAKE ISLAND Hy 57.98 262 T 06 03 00.8

H1N3 WAKE ISLAND Hy 57.98 262 T 06 03 00.5

H1N1 WAKE ISLAND Hy 57.99 262 T 06 03 02.0

H1S1 WAKE ISLAND Hy 59.01 261 T 06 04 17.1

H1S2 WAKE ISLAND Hy 59.02 261 T 06 04 21.1

H1S3 WAKE ISLAND Hy 59.02 261 T 06 04 18.9

FUNV 05 04:53:24.8,10.89N,61.97W,h116km,MW3.6,Presumed

earthquake

TRN 05 04:53:27.3,10.89N,62.07W,h83km,MD3.0,North of the

Paria peninsula

ISC 05 04:53:27.7,4.5,10.9N,0.1,62.1W,0.4,h80km,37km,n12,

0.571/23,Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the Funv, Trn, and ISC earthquakes.

GCQ 05 04:54:51.3,1.5,15.40N,91.44W,h4km,9km,MD4.1,

Presumed earthquake,Mexico-Guatemala border

region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HUEH Huehuetenango, QUIS Sacapulas, SOKI Kika Raxquin, etc.

IDC 05:05:29.21.6.38.45N-31.23W, h0km, mb3.2/4, mbmp3.3/4, MS3.2/5, Error ellipse: s-maj=29.3km s-min=21.2km az=104.0

ISC 05:05:29.21.4.38.4N.01.31.2W.0.2, h10km, n11, c085/8, mb3.3/4, MS3.1/5, Azores Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like H07S1 FLORES T-PHASE, H07S1 FLORES T-PHASE, etc.

IDC 05:05:17:12.5:2.6:6.51S:130.03E, h12km, 25km, mb3.7/7, mbmp4.2/11, Error ellipse: s-maj=36.1km s-min=14.5km

DJA 05:05:17:13.5:0.4:7.3S:130.0E, h181km, 8km, M4.5/15, m85.0/6, mb4.3/7, MLv4.6/15, Mw(m)B4.3/6

NEIC 05:05:17:14.2:2.6:6.45S:0.05x130.09E.0.04, h126km, 7km, mb4.1/7, Error ellipse: s-maj=8.2km s-min=5.1km az=198.0

ISC 05:05:17:14.5:0.6:6.44AS:0.04x130.11E.0.06, h146km, n44, c2539/47, mb3.9/7, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SAUI Saumlaki, SAUI Saumlaki, etc.

IDC 05:05:06:20.4:1.2.37.41N-20.57E, h0km, mb3.4/7, mbmp3.4/9, ML3.9/1, MS2.6/4, Error ellipse: s-maj=25.7km s-min=21.8km az=31.0

ATH 05:05:06:21.9.37.31N-20.44E, h15km, 3km, ML3.4/11, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

THE 05:05:06:22.8.37.N3.2.0E, h0km, 2km, M3.3/19, MLh3.3/19

ISC 05:05:06:20.9.1.5.37.27N.0.04x20.41E.0.04, h2km, 9km, n59, c1917/73, mb3.5/6, Ionian Sea

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LTHK Lithakia, ORTH Orthonies, KYPS Kipseli, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GNI Garni, ESDC Sonseca Array, ESDC Hagsfors, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like EKA Eskdalemuir Arr, FINES FINES Array B, NOA NORSTAR Array B, etc.

IDC 05:05:17:12.5:2.6:6.51S:130.03E, h12km, 25km, mb3.7/7, mbmp4.2/11, Error ellipse: s-maj=36.1km s-min=14.5km

DJA 05:05:17:13.5:0.4:7.3S:130.0E, h181km, 8km, M4.5/15, m85.0/6, mb4.3/7, MLv4.6/15, Mw(m)B4.3/6

NEIC 05:05:17:14.2:2.6:6.45S:0.05x130.09E.0.04, h126km, 7km, mb4.1/7, Error ellipse: s-maj=8.2km s-min=5.1km az=198.0

ISC 05:05:17:14.5:0.6:6.44AS:0.04x130.11E.0.06, h146km, n44, c2539/47, mb3.9/7, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SAUI Saumlaki, SAUI Saumlaki, etc.

IDC 05:05:06:20.4:1.2.37.41N-20.57E, h0km, mb3.4/7, mbmp3.4/9, ML3.9/1, MS2.6/4, Error ellipse: s-maj=25.7km s-min=21.8km az=31.0

ATH 05:05:06:21.9.37.31N-20.44E, h15km, 3km, ML3.4/11, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

THE 05:05:06:22.8.37.N3.2.0E, h0km, 2km, M3.3/19, MLh3.3/19

ISC 05:05:06:20.9.1.5.37.27N.0.04x20.41E.0.04, h2km, 9km, n59, c1917/73, mb3.5/6, Ionian Sea

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SWI Sanana, SANI Sanana, DRN Darwin Rock St, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WB0 Warramunga Arr, WB0 Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

IDC 05:05:17:12.5:2.6:6.51S:130.03E, h12km, 25km, mb3.7/7, mbmp4.2/11, Error ellipse: s-maj=36.1km s-min=14.5km

DJA 05:05:17:13.5:0.4:7.3S:130.0E, h181km, 8km, M4.5/15, m85.0/6, mb4.3/7, MLv4.6/15, Mw(m)B4.3/6

NEIC 05:05:17:14.2:2.6:6.45S:0.05x130.09E.0.04, h126km, 7km, mb4.1/7, Error ellipse: s-maj=8.2km s-min=5.1km az=198.0

ISC 05:05:17:14.5:0.6:6.44AS:0.04x130.11E.0.06, h146km, n44, c2539/47, mb3.9/7, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SAUI Saumlaki, SAUI Saumlaki, etc.

IDC 05:05:06:20.4:1.2.37.41N-20.57E, h0km, mb3.4/7, mbmp3.4/9, ML3.9/1, MS2.6/4, Error ellipse: s-maj=25.7km s-min=21.8km az=31.0

ATH 05:05:06:21.9.37.31N-20.44E, h15km, 3km, ML3.4/11, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

THE 05:05:06:22.8.37.N3.2.0E, h0km, 2km, M3.3/19, MLh3.3/19

ISC 05:05:06:20.9.1.5.37.27N.0.04x20.41E.0.04, h2km, 9km, n59, c1917/73, mb3.5/6, Ionian Sea

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like THE Thessaloniki, THE Thessaloniki, THE Thessaloniki, etc.

Table with columns: Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Universidad Ca, Las Nubes, Pacayal, El Ranchito, etc.

Table with columns: Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Makanchi Array, Seymchan, Warramunga Arr, etc.

Table with columns: Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AOE Aiguile, IROC Station P, Pisagua, etc.

IDC 05 05:27:41.5:0.6, 13:161Sx76:21W, h48km, 6km, mb3.6/8, mbmt3.8/12, MS2.9/8, Error ellipse: s-maj=30.2km

IDC 05 06:07:30.4:3.6:57S:149:56E, h0km, mb3.3/1, mbmt3.4/3, ML4.7/1, Error ellipse: s-maj=155.6km

IDC 05 06:56:26.0:19.0, 18:97N:145:33E, h293km, 205km, mb3.1/7, mbmt3.8/7, Error ellipse: s-maj=41.2km

NEIC 05 05:27:42.1:1.5, 13:59S:0:03k:76:2W:0.1, h49km, 7km, mb4.1/7, Error ellipse: s-maj=15.5km s-min=3.4km

IDC 05 06:07:30.4:3.6:57S:149:56E, h0km, mb3.3/1, mbmt3.4/3, ML4.7/1, Error ellipse: s-maj=155.6km

IDC 05 06:56:18.1:1.0, 19:1N:0:2k:145:4E:0.3, h214km, n7, s-min=32.6km az=103.0

ISC 05 05:27:41.7:0.5, 13:160S:0:07k:76:2W:0.10, h55km, n49, s0:598/41, mb3.9/7, MS2.8/5, Near coast of Peru

IDC 05 06:33:21.6:6.1, 12:49S:171:39E, h0km, mb3.5/3, mbmt3.5/3, Error ellipse: s-maj=292.6km

IDC 05 07:05:10.2:6.4, 13:15S:171:92E, h0km, mb3.5/3, mbmt3.5/3, MS3.2/1, Error ellipse: s-maj=310.4km

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

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Kurbe Kurchatov Arr, etc.

TRN 05 06:40:33.6:1.1:08N:62:01W, h113km, MD3.6, North of the Paria peninsula.

FUNUV 05 06:40:34.8, 11:16N:62:28W, h25km, MW4.0, Presumed earthquake

IDC 05 07:05:10.2:6.4, 13:15S:171:92E, h0km, mb3.5/3, mbmt3.5/3, MS3.2/1, Error ellipse: s-maj=310.4km

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROSC, MACA, MACA, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DMDM, PSMC, PSKH, etc.

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

IDC 05 07:38:17.0:6.2, 36:31N:70:93E, h116km, 55km, mb3.4/7, mbmt3.7/11, MS3.3/1, Error ellipse: s-maj=42.3km

ISC 05 06:40:32.5:1.6, 11:11N:0:05k:62:26W:0:06, h102km, 17km, n19, s0:195/36, 1C, Windward Islands

IDC 05 07:38:23.8:2.1, 36:70N:0:27k:90:0E:0.1, h150km, n18, s-min=28.2km az=32.0

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BOAV, JTS, BDFB, etc.

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

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

SCB 05 06:50:19.3:1.2, 21:35S:66:59W, h248km, 13km, MB3.8, ML3.9/2, Error ellipse: s-maj=6.9km s-min=4.3km az=0.0

ISC 05 06:50:19.0:1.9, 21:35S:0:05k:66:60W:0:05, h253km, 16km, n28, s0:163/45, Southern Bolivia

IDC 05 07:38:23.8:2.1, 36:70N:0:27k:90:0E:0.1, h150km, n18, s-min=28.2km az=32.0

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

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MOCB, YJ, YJ, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KARATAY, ALA, AAK, etc.

IDC 05 05:54:25.7:2.0, 5:69S:125:62E, h0km, mb3.5/1, mbmt3.6/2, ML4.7/2, MS3.5/2, Error ellipse: s-maj=230.8km s-min=30.8km az=62.0

IDC 05 08:00:15.7:0.9, 6:77N:20:23E, h0km, ML1.4, Suspected explosion, Sweden

IDC 05 07:38:23.8:2.1, 36:70N:0:27k:90:0E:0.1, h150km, n18, s-min=28.2km az=32.0

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

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

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

RAJF SG Sg 08 01 53.5 -2.0
OLKF PG Pb 08 01 21.5 -3.3
MSF PN Pn 08 01 13.4 -4.0

HEL 05 08:00:20.0±0.2,65.11N,25.70E,h0km,ML0.9, Suspected explosion,Finland
Code Station Name Δ° AZ° Phase ID Time Res
OUL Oulu 0.09 107 PG Pp 08 00 21.8 -0.1

CATAC 05 08:02:10.9, 13.8N,0.7,89.4W,0.7,h10km,1km, M2.1/13, ML2.1/13, confirmed
GCG 05 08:02:10.9±1.2, 13.76N,89.43W,h14km,12km, MD3.9, ML2.7, Presumed earthquake

Code Station Name Δ° AZ° Phase ID Time Res
PMON Piamonte 0.11 131 P Pb 08 02 14.2 -0.7
PMON Piamonte 0.11 131 eP Pb 08 02 14.1 -0.8

SNET 05 08:04:35.2±1.2, 13.80N,89.38W,h6km,ML2.5, Presumed earthquake
CATAC 05 08:04:35.4, 13.8N,0.5,89.4W,0.5,h12km, M2.5/13, ML2.5/13, confirmed

Code Station Name Δ° AZ° Phase ID Time Res
CEDA San Andres 0.03 308 P Pg 08 04 37.9 -0.4
CEDA San Andres 0.03 308 eP Pg 08 04 39.9 -0.5

SARH eS Sg 08 05 13.0 +0.6
IDC 05 08:11:14.1±3.8, 53.80N,88.19E,h0km,mbmp2.7/3, ML1.3, Error ellipse: s-maj=37.3km s-min=21.3km az=46.0
ASRS 05 08:11:12.0±1.2, 53.74N,88.23E,h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

IDC 05 08:13:24.4±0.9, 57.93N,32.35W,h0km, mb3.7/8, mbtmp3.7/10, ML3.0/2, MS3.4/24, Error ellipse: s-maj=29.0km s-min=13.7km az=14.0
ISC 05 08:13:27.2±0.9, 57.93N,0.2,32.4W,0.1,h18km,n36, r=103/10, mb3.77, MS3.4/20, Reykjanes Ridge

Code Station Name Δ° AZ° Phase ID Time Res
BORG Borgarnes 8.66 33 Pn 08 15 31.8 +0.5
BORG Borgarnes 0.9nm,0.3s,baz=232,slow=8.5,SNR=2.4
BORG Borgarnes 0.214nm,18.2s,baz=228,slow=32.13nm,0.7s

DRK Karamyk 1.00 132 P Pb 08 19 09.1 -0.6
DRK Karamyk 1.00 132 P Pb 08 19 22.5 -0.2
DRK Karamyk 1.12 27 P S 08 19 09.8 +0.1
KSNs Kasansay 1.23 20 P S 08 19 12.8 +0.5

Table with columns: Station, Name, Time, Frequency, Mode, and other parameters. Includes stations like NARN, USP, SGDS, TDM, KRBS, MTBS, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other parameters. Includes stations like PDGK, KAPAS, TSSA, HRA, BHK, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other parameters. Includes stations like MAK, BHPL, EVN, SEKA, ARTI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like H21K, MI30, CAST, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PTLB, CZSB, OTAV, etc.

Table with columns: QLP, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Guilpie, Gladstone, Tooolangi, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Pacitan, Wonagama, Yanaguni jima, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like HONDO Hondo, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like META Feichten, CRNS Crni Vrh, BLY Banja Luka, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KECS, KMPD, BFO, VLD, MODS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRI, PANC, FLOR, VLD, BZS, SCTR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ITTB Jayapura, KAPI Kappang, KRVT Kapatang, etc.

IDC 05 09:05:59.6:1.7, 67.45N:23.54E, h0km, mbtmp2.5/2, ML1.8/2, Error ellipse: s-maj=33.5km s-min=8.7km az=96.0

HEL 05 09:00:00.1:0.1, 67.42N:23.37E, h0km, ML1.4, Suspected explosion

BER 05 09:00:01.5:1.5, 67.44N:23.34E, h0km, ML1.1, Suspected explosion

ISC 05 09:58:59.0:8.6, 67.41N:0.02:23.29E:0.03, h0km, n27, r1502/39, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLF Kolari, LANU Lannavaara, ERTU Ertisaerv, etc.

IPCC 05 09:03:17.6:0.1, 50.19N:18.98E, h1km, ML2.4/6, Error ellipse: s-maj=1.8km s-min=0.8km az=1.0

PRU 05 09:03:18.4, 50.19N:18.96E, h0km

IDC 05 09:03:20.8:1.1, 50.36N:18.40E, h0km, mbtmp2.9/3, ML2.0/2, Error ellipse: s-maj=25.0km s-min=8.7km az=137.0

ISC 05 09:03:15.4:0.8, 50.29N:0.04:19.02E:0.02, h0km, n27, r1502/43, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, etc.

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

BER 05 09:04:10.7:4.1, 73.61N:7.24E, h10km, Mw4.0, ML2.9(NAO), Confirmed Earthquake

NAO 05 09:04:22.7, 74.33N:9.77E, h10km, ML2.9

DNK 05 09:04:39.5:2.3, 76.16N:4.94E, h0km, 5.7km, ML1.9, Presumed earthquake

ISC 05 09:03:51.5:1.4, 73.28N:0.10:6.91E:0.05, h10km, n23, r235/30, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BJO1 Bjornoya, BEAR Bear Island, etc.

PRU 05 09:04:02.5, 50.28N:18.94E, h0km

IPCC 05 09:04:02.0:1.1, 50.20N:18.99E, h1km, ML2.7/6, Error ellipse: s-maj=1.8km s-min=0.8km az=1.0

ISC 05 09:04:01.8:0.9, 50.18N:0.04:18.93E:0.02, h0km, n22, r051/37, Poland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LANS Liptovska Anna, LOSC Losov, etc.

NEIC 05 09:18:15.0:1.2, 9.85S:0.08:119.110E:0.07, h10km, 1km, mb4.3/10, Error ellipse: s-maj=13.9km s-min=11.6km az=211.0

IDC 05 09:18:14.1:0.8, 9.71S:119.10E, h0km, mb4.0/9, mbtmp4.0/14, ML3.7/6, MS3.1/1, Error ellipse: s-maj=29.7km s-min=16.2km az=64.0

DJA 05 09:18:17.4:0.2, 10.52S:211.9E:1.1, h10km, M4.4/26, mb4.5/6, MLV4.4/26

ISC 05 09:18:17.7:1.0, 9.86S:0.05:119.16E:0.04, h32km, 7km, n67, r199/76, mb4.2/13, Sumba region

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

5d 10h

Table of seismic events for 5d 10h, listing station names, magnitudes, times, and locations. Includes stations like YUH, DYP, J25K, NVAR, etc.

2020 AUG

Main table of seismic events for 2020 AUG, listing station names, magnitudes, times, and locations. Includes stations like SNA, VNA, VNA1, etc.

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Table of seismic events for 4C-2D, Southwestern Siberia, listing station names, magnitudes, times, and locations. Includes stations like I46RU, ZALV, KURK, etc.

5d 12h

Table of flight data for the first 12 hours of the 5-day period. Columns include flight number, origin/destination, time, status, and other details.

2020 AUG

Table of flight data for the 2020 AUG period. Columns include flight number, origin/destination, time, status, and other details.

288

Table of flight data for the 288 period. Columns include flight number, origin/destination, time, status, and other details.

Table with columns for station code, name, frequency, and signal strength. Includes stations like Dumont d'Urville, Banyuglugur, Minamidaito, Mitsune, Hachijo jima, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like Yeheng, Taipei, Fukuje jima, Vanda, Erimo, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MYKOM Kota Tinggi, MASA Maura Aman, INCN Incheon, etc.

Table with columns for station name, location, frequency, and various signal quality metrics (e.g., SNR, SNR=14, etc.).

Table with columns for station name, location, frequency, and various signal quality metrics (e.g., SNR, SNR=14, etc.).

Table with columns for station name, location, frequency, and various signal quality metrics (e.g., SNR, SNR=14, etc.).

5d 12h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ELIB Princess Elisa, MOYV Monday, and many others.

2020 AUG

Table with columns for station name, frequency, power, and signal strength. Includes stations like SNAA Sanae, G30M Tloah Zrail Nji, and many others.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like ALPN Alpine, AY03 Cochrane, and many others.

5d 12h

Table with columns for station name, frequency, and various signal quality indicators (e.g., pmax, pPKP, SKPbc).

2020 AUG

Table with columns for station name, frequency, and various signal quality indicators (e.g., pPKP, SKPbc, pPKP).

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Table with columns for station name, frequency, and various signal quality indicators (e.g., pPKP, SKPbc, pPKP).

Table with columns: DZ, Taraz, 4.39 7 eP, Pn, 12 33 07.5 -0.3, etc. Includes stations like Karatay Array, MRKS Merke, UCH Uchtor, etc.

Table with columns: WHY, Hehuan Shan, 1.46 249 eP, Pp, 13 06 59.7 +0.3, etc. Includes stations like Shilin, Wufeng Townshi, Tachien, etc.

Table with columns: LHSI, MDSI, SDSI, Sungai Dareh, 2.74 103 P, Pp, 13 05 53.3 +1.3, etc. Includes stations like Diego Garcia H, Warramunga Arr, etc.

KRNET 05 12:50:04.0.0.1, 41.30N:69.36E, mb2.7, ISU 05 12:50:08.41.37N:69.58E, h11km

NNC 05 13:12:25.1±0.5, 50.00N:78.77E, h0km, mb2.7, mpv2.0, Error ellipse: s-maj=15.5km s-min=2.5km az=72.0, Suspected Mining explosion.

KRNET 05 14:01:12.6.0.1, 40.12N:70.95E, h22km, mb2.8, ISU 05 14:01:19.40.15N:70.84E, h10km

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like TVKS Tavakasy, CHRV Charvak, PSK Pskem, etc.

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like BTK Batken, FRG Fergana, DRK Karynka, etc.

NOU 05 12:57:36.2, 16.75S:168.09E, h28km, MLv4.1/18, Vanuatu Islands, Vanuatu Islands

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

NEIC 05 14:08:33.6±1.5, 1.68N:0.05:127.28E, h12km, 5km, mb4.6/9, Error ellipse: s-maj=9.6km s-min=5.1km

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like DVP Devils Point, RTV Rentapao, SANVU Saracoutou, etc.

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

DJA 05 14:08:34.4±0.3, 2°N:3°12'7E, h101km, 4km, M4.8/24, mb5.3/13, mb5.0/17, MLv4.7/24, Mw(m)/4.7/13

TAP 05 13:06:33.0, 24°65N:122°73E, h16km, ML3.5, C, JMA 05 13:06:33.0, 24°7N:122°3E, h2km, 1km, MV2.8/11, NW OFF ISHIGAKIUMA IS

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like YONAGUNIJIMA, YOJ Yonaguni jima, etc.

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

IDC 05 14:08:33.6±1.5, 1.68N:0.04:127.34E, h128km, n126, az=72.0, 0.7m, 0.3s, baz=229, slow=26, SNR=5.4

IDC 05 13:12:26.6±1.4, 50.01N:0.06:78.7E, h0km, m14, az=95.0, 05/72/25, 16C-6D, Eastern Kazakhstan

5d 16h

2020 AUG

Table with columns for station ID, call letters, frequency, and other details. Includes stations like SDPT, DT1, CNBA, CHNA, PS4A, etc.

Table with columns for station ID, call letters, frequency, and other details. Includes stations like RC01, J19K, P23K, etc.

Table with columns for station ID, call letters, frequency, and other details. Includes stations like NLWA, YKA, YKAW, etc.

2020 AUG

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like L42A Oliver, DEOK Depeve, SPA0 Spitsbergen, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like O49A Covington, JNU Nakatsu, NATX Nacodoches, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like NRS Narsarsuaq, 146A Union, ULN Ulaanbaatar, etc.

5d 17h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Matawai, Urewera, Rawiri, Murupara, etc.

SDD 05 16:51:14.7-0.4, 0.9:195N-70.61W, h7km, 2km, MD2.7, ML2.5, MW3.8, Presumed earthquake

OSPL 05 16:51:17.2-0.2, 0.2:09N-70.85W, h0km, 5km, ML2.0, Presumed earthquake

ISC 05 16:51:16.5-1.7, 2.0:10N-0.04:70.9W:0.1, h12km, 9km, n7, e067/14, 2C-4D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LUDR, LOPPI, REDR, SDDR, etc.

NEIC 05 17:01:59.6-2.0, 2.3:7S:0.08-1.4:00:27E:0.06, h21km, 5km, mb4.6/5.0, Error ellipse: s-maj=11.5km s-min=8.4km az=204.0

IDC 05 17:02:00.2-2.4, 2.3:1S:140:30E, h25km, 19km, mb4.1/1.0, mbmp4.4/1.1, ML5.2/2, MS3.7/1.1, Error ellipse: s-maj=24.0km s-min=17.2km az=95.0

DJA 05 17:02:01.2-0.4, 2.2:5.4:14.0E, h10km, M4.8/8, mb5.2/2, mb4.8/7, MLV4.8/8, MW(mb)4.6/2

ISC 05 17:01:59.6-6.0, 2.4:0S:105.140:30E:0.04, h24km, n116, e181/102, mb4.5/38, MS3.7/1, Near north coast of Iran

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GENI, JAY, WAMI, BAKI, etc.

2020 AUG

Main table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ, FITZ, FITZ, FITZ, etc.

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Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like DBIC, LPAZ, LPAZ.

BEO 05 17:16:00.8-0.3, 43:00N-18:26E, h11km, 3km, ML2.1/1.0, PDG 05 17:16:00.0-0.1, 42:98N-18:28E, h19km, MD2.5/1, ML2.4/1.2, Error ellipse: s-maj=0.2km s-min=0.1km az=90.0

RHSSO 05 17:16:01.1-0.4, 43:01N-18:31E, h4km, 2km, ML2.3/5, ISC 05 17:15:59.3-0.9, 43:00N-0.02:18:21E:0.02, h14km, 7km, n40, e098/76, 3C-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like BRY, BRY, BRY, BRY, etc.

IDC 05 17:16:48.0-99.0, 58:34N-55:78E, h0km, Error ellipse: s-maj=510.9km s-min=178.7km az=98.0, Ural Mountains region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like I43RU, I37NO, I26DE.

SSNC 05 17:30:15.0-0.6, 18:06N-71:79W, h10km, 6km, MD3.4, ML3.0, Presumed earthquake

OSPL 05 17:30:17.3-1.8, 18:33N-71:97W, h0km, 11km, ML3.2, Presumed earthquake

SDD 05 17:30:18.3-2.8, 18:29N-71:94W, h0km, 12km, MD3.1, ML3.1, MW3.5, Presumed earthquake

ISC 05 17:30:17.1-1.2, 18:32N-0.03:71.89W:0.04, h17km, 9km, n26, e067/42, 10C-6D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LODOU, NEDR, LONE3, LOBH, etc.

5d 17h

Table with columns for station code, name, frequency, and other technical details. Includes stations like JA0 Obara, JSZI lwateshizukuis, JSZ Suzu, etc.

2020 AUG

Table with columns for station code, name, frequency, and other technical details. Includes stations like YSS Yuzhno-Sakhali, USRK Ussuriysk, etc.

308

Table with columns for station code, name, frequency, and other technical details. Includes stations like SSE comp=E,2um,13.7s, JMJ Miyako jima 2, etc.

5d 17h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MAKZ, K17K, BBSI, PMG, KAPI, MKS, H19K, etc.

2020 AUG

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MCK, DRS, GHO, DBNI, E24K, SML, MTN, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BLSI, H29M, MASI, G29M, I29M, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, etc. Includes stations like NB21, NB2, NB2, NOA, AKASG, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, etc. Includes stations like TESR, TESR, ANDN, CFR, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, etc. Includes stations like VYHS, SIRR, JAVC, etc.

5d 18h

MAN 05 18:13:45.0, 2.13N, 126.16E, h53km, MS4.5
ISC 05 18:13:37.9, 0.5, 1.73N, 104.126, 60E, 0.06, h47km, n55,
c=243/58, mb4.2/19, Northern Molucca Sea

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.

2020 AUG

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

ISC 05 18:38:19.8, 2.6, 20.41S; 178.01W, h551km, 24km, mb3.0/5,
mbmp3.9/6, Error ellipse: s-maj=38.2km s-min=25.1km
az=176.0

ISC 05 18:38:17.8, 1.1, 20.5S; 0.2, 177.9W, 0.2, h534km, n9,
c=136/10, mb3.5/6, Fiji Islands region

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

ISC 05 18:52:59.5, 1.0, 36.22N; 141.66E, h0km, mb3.8/12,
mbmp3.8/17, ML3.5/5, MS3.3/3, Error ellipse:
s-maj=23.1km s-min=18.0km az=86.0

NIED 05 18:53:03.5, 36.24N; 141.58E, h56km, MW3.9, Moment
Tensor Solution... s3 Moment tensor: Scale 10^14 Nm

NEIC 05 18:53:03.5, 1.6, 36.21N; 0.0, 141.61E; 0.1, h29km, 7km,
mb4.2/9, Error ellipse: s-maj=12.7km s-min=6.0km
az=101.0

JMA 05 18:53:03.5, 0.2, 36.22N; 0.5, 141.62E; 0.1, h56km, 4km,
MV3.8/35, FAR E OFF IBARAKI PREF

ISC 05 18:53:04.5, 0.9, 36.24N; 0.0, 141.61E; 0.0, h37km, 1km,
n59, c=137/57, mb4.0/16, 6D, Near east coast of eastern

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

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

ISC 05 18:55:04.8, 1.4, 30.81N; 57.21E, h0km, mb3.7/10,
mbmp3.8/13, ML3.6/2, Error ellipse: s-maj=32.9km
s-min=17.3km az=162.0

TEH 05 18:55:04.7, 30.80N; 57.36E, h9km, 20km, ML4.1,
Presumed earthquake

NEIC 05 18:55:07.1, 2.6, 31.02N; 0.0, 57.08E; 0.0, h10km, 1km,
mb4.0/16, Error ellipse: s-maj=14.1km s-min=9.5km
az=29.0

ISC 05 18:55:05.5, 0.5, 30.79N; 0.0, 57.25E; 0.0, h10km, n69,
c=152/67, mb3.9/13, Northern and central Iran

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

comp=Z,0.4nm,0.5s,baz=318,slow=1.9,SNR=4.2

IDC 05 21:40:23.3+1.4, 14:45Sx167.38E, h170km, 12km, mb4.1/27, mbmp4.6/28, MS3.8/4, Error ellipse: s-maj=12.4km s-min=11.6km az=107.0

NEIC 05 21:40:24.3+1.4, 14:47Sx0.02-167.4E:0.1, h175km, 5km, mb4.5/34, Error ellipse: s-maj=16.3km s-min=2.1km az=97.0

NOU 05 21:40:25.7, 14:59S: 167.63E, h182km, MLV4.9/37, Vanuatu Islands

ISC 05 21:40:23.1-0.3, 14:45S:0.05-167.46E:0.07, h170km, n142, s111/149, mb4.4/44, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include SARAUOUT, SANVU, RTV, KOUNC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include AFI, PMG, ARMA, COEN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include STKA, WBO, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ASAR, BB00, BBOO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include BATI, MBWA, TOLJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include JAGI, JMI, JOW, UJM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include MJAR, JUNU, BBJI, LEM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include Vnda, KSRS, USRK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include USRK, PEAOB, PETK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include PETK, COXC, BNX, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include J17K, YAK, ULN, MAW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include SONM, SONM, H9K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include IMAR, ILAR, ILAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include PALK, ELK, TXAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include MKAR, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ZALV, MAKZ, MAKZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include NRIK, NRIK, KURBB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include BVAR, ARAO, ARCES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ARCES, KTKI, JETT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include TRO, STEI, FAUS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include KONS, STOK, FINES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include FITZ, FITZ, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include WRA, QIS, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ASAR, ASAR, MEOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include MEOK, PTSP, BRAT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include MKAR, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ZALV, Vnda, KURBB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include Vnda, KURBB, BVAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include BVAR, ILAR, ILAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ILAR, ILAR, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include WRA, ASAR, SEY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include SEY, MKAR, MKAR, etc.

IDC 05 21:41:59.7+1.7, 7:22S: 129.23E, h123km, 15km, mb3.6/4, mbmp4.0/9, Error ellipse: s-maj=22.3km s-min=12.4km az=107.0

DJA 05 21:42:00.4-0.7, 7:23S: 129.36E, h100km, M4.1/5, MLV4.1/5

ISC 05 21:42:00.4-0.7, 7:23S: 129.36E:0.09, h150km, n20, s346/19, mb3.5/5, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC.

IDC 05 21:47:49.2+1.3, 11:91N:140.93E, h0km, mb3.5/6, mbmp3.5/6, MS3.9/1, Error ellipse: s-maj=55.6km s-min=23.8km az=87.0

ISC 05 21:47:54.2+1.3, 11:91N:140.9E:0.4, h34km, n7, s194/76, mb3.5/6, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include WRA, ASAR, SEY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include SEY, MKAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include MKAR, KURBB, BVAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include BVAR, ILAR, ILAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ILAR, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ASAR, SEY, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include SEY, MKAR, MKAR, etc.

SDD 05 21:50:05.3+2.0, 18:54N:71.64W, h19km, 6km, MD2.8, ML3.3, MW3.6, Presumed earthquake

OSPL 05 21:50:06.1+1.5, 18:62N:71.54W, h11km, 3km, ML2.9, Presumed earthquake

ISC 05 21:50:04.6+1.1, 18:58N:0.03x71.54W:0.05, h20km, 3km, n20, s06/67/37, 10C-7D, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include LONE3, LONE3, LONE3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include LONE3, LONE3, LONE3, etc.

6d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MYKA Terra Mystica, SOTA Sankt Quirin, ABTA Abfaltersbach, etc.

ISK 06:00:10:25.6, 38°68'N, 43°39'E, h3km, ML2.5/12
AFAD 06:00:10:27.7, 38°68'N, 43°23'E, h24km, 1km, ML2.4
ISC 06:00:10:27.2, 1.0, 38.74N, 0.03, 43.35E, 0.04, h24km, 10km, n22, c096/35, Turkey

Main table for Turkey stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVAN Van, GEVA Gevas, ADCV BITLIS Adilcever, etc.

IDC 06:00:23:13.9, 3.7, 11°97'N, 138°75'E, h0km, mb3.6/6, mbtmp3.6/6, MS3.1/8, Error ellipse: s-maj=188.1km s-min=22.4km az=79.0
ISC 06:00:23:19.0, 3.6, 11°99'N, 0.3, 133°9'E, n13, c095/60, mb3.5/6, MS2.9/7, Western Carlskans Islands

Main table for Western Carlskans Islands stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJI Sorong, JNU Nakatsue, KRSR Korea Arr, etc.

TRN 06:00:49:15.6, 15°46'N, 60°38'W, h29km, MD4.0, East of Dominica, Leeward Islands

Table for East of Dominica stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DWS Wesley.

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Table for Salisbury stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DLSB Salisbury, DSDS La Diserade, G, etc.

KRSC 06:01:00:23.6, 0.1, 60.91N, 166.41E, h31km, M13.9, Eastern Siberia

Table for Eastern Siberia stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TILK Tilchiki, OSSR Oссора, etc.

IDC 06:01:07:10.3, 0.8, 30°25'N, 131°16'E, h0km, mb3.8/13, mbtmp3.8/16, ML3.0/4, MS3.5/19, Error ellipse: s-maj=23.0km s-min=16.1km az=131.0
NEIC 06:01:07:12.8, 1.1, 30°27'N, 0.07, 131°6'E, 0.1, h10km, 1km, mb4.6/26, Error ellipse: s-maj=20.0km s-min=10.0km az=115.0

JMA 06:01:07:13.8, 0.2, 30°30'N, 0.6, 13°2'E, h42km, 3km, MW3.4/34, E OFF TANEGASHIMA ISLAND
ISC 06:01:07:14.0, 1.1, 30°25'N, 0.05, 131°75'E, 0.05, h24km, 12km, n88, c135/82, mb4.5/27, MS3.5/19, Kyushu

Main table for Kyushu stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMTN Minamitane, JMTN Tanegashima, etc.

PETK Petropavlovsk- 29.66 32 P P 01 13 17.4 +0.1
YAK Yakutsk 31.62 358 LR P 01 28 09.5

Main table for Kamchatka stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H1N2 WAKE ISLAND Hy, etc.

Table for Bulgaria stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H19K comp=Z,5.5nm,0.9s, J19K Poorman, etc.

ILAR ELIAS Arr B 59.43 29 P P 01 17 14.3 -0.1
I27K Kandik River 61.51 28 P P 01 17 29.9 +1.3

Main table for Bulgaria stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like M26K Nabesna, AK, K27K Chicken, etc.

TEH 06:01:34:20.8, 29°95'N, 59°21'E, h6km, 15km, ML3.8, Presumed earthquake, Southern Iran

Table for Southern Iran stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBAM BAM, CHMN Cheshme madani, etc.

SOF 06:01:55:16.5, 42°27'N, 0°01:23'92"E, 0.01, h5km, 4km, MD2.5/8
BEO 06:01:55:17.5, 0.3, 42°34'N, 23°93'E, h8km, 3km, ML2.4/11
ISC 06:01:55:18.9, 42°14'N, 24°08'E, h5km, ML2.6/11
ISC 06:01:55:16.7, 1.0, 42.28N, 0.02, 23.91E, 0.02, h6km, 10km, n44, c104/66, 6C-5D, Bulgaria

Main table for Bulgaria stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PGB Panagyurishte, PLNA Plana, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like JKH, JNT, JGN, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like JAOM, JMN, JMM, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like DL2, DL2, DL2, etc.

6d 3h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Blue Mesa, Paradox Valley, RAR, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TUC, TUCSON, TUCSON, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DBIC, QSPA, ROSC, etc.

IDC 06 03:22:37.4+4.3, 53.09N x 159.13E, h0km, Error ellipse: s-maj=27.8km s-min=7.2km az=65.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PETK, H1N2, H1N3, etc.

SJA 06 03:24:01.1+0.7, 29.33S x 72.21W, h42km, 7km, ML4.4, MW4.3

NEIC 06 03:24:03.6+1.6, 29.33S x 0.04E, 72.09W, 0.07, h36km, 5km, mb4.3/9, Mw4.2/50, Mw4.3(GUC), Error ellipse: s-maj=9.4km s-min=5.5km az=79.0, Moment Tensor Solution. Moment-sensor: Scale 10^15Nm; Mr2.19; Mw1.01; Mw-3.20; Mw-0.78; Mw-0.19; Mw-0.16; Fault plane solution: Ms2.95000x10^15 Np1.5e+201.48000°, 552.07000°, 124.76000°. NP2: 333.01000°, 549.61000°, 153.81000°. Principal axes: T 2.5890, Pgm3.60000°, Azm175.0000°, N 0.6235, Plg27.0000°, Azm358.0000°; P -3.2125, Plg1.0000°, Azm268.0000°

NEIC 06 03:24:03.5, 29.35S x 72.09W, h27km, 7km, ML4.4, MW4.3

NEIC 06 03:24:03.7+0.2, 29.32S x 72.21W, h52km, M5.0/10, mb4.8/10

GUC 06 03:24:03.3+0.5, 29.40S x 71.75W, h46km, 1km, ML4.4

IDC 06 03:24:13.7+4.3, 30.26S x 71.84W, h61km, 35km, mb3.8/7, mbmp4.0/9, ML4.1/2, MS3.2/8, Error ellipse: s-maj=35.9km s-min=19.2km az=87.0

ISC 06 03:24:03.6+0.8, 29.32S x 0.03E, 72.08W, 0.04, h34km, 2km, n173, 1572/204, mb4.4/13, MS3.2/5, 26C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LCO, LCO, LCO, etc.

Table with columns: Station Name, Time, Res, Pn, Sn, S, IAML, and various numerical data points for stations like Juntas del Tor, Combarbal, Los Peladeros, Cerro Coronel, Pan de Azucar, etc.

Table with columns: Station Name, Time, Res, Pn, Sn, S, IAML, and various numerical data points for stations like Pirque, San Alfonso, AAGR Agrelo, Las Melosas, IPOC Station P, etc.

Table with columns: Station Name, Time, Res, Pn, Sn, S, IAML, and various numerical data points for stations like ZALV, MKAR, HHC, PZH, Kamchatka Peninsula, Poland, and Puerto Rico region.

PLP	Palo	1.20 240	eP	Pb	06 37 10.8	-1.4		
PLP			eS	Sb	06 37 25.8	-2.0		
MSLP	Maasin	2.00 215	eP	Sb	06 37 25.5	-0.3		
MSLP			iP	Pg	06 37 53.0	-0.7		
SCPH	Surigao	2.05 195	iP	Pb	06 37 54.3	+0.8		
LLP	Lapu-Lapu	2.50 235	eP	Pb	06 37 51.3	+1.1		
LLP			iS	Pn	06 37 31.0	+0.9		
TBP	Tagbilaran	2.97 226	eP	Sb	06 37 39.9	-2.6		
TBP			eS	Pb	06 38 21.8	+2.9		
LSIP	Lazi, Siquijor	3.53 222	iP	Pn	06 37 45.9	+1.5		
CGP	Calagayan de Oro	3.55 202	eP	Pn	06 37 45.7	+1.2		
CGP			eS	Pn	06 38 28.8	+2.0		
BIPH	Bislig	3.58 175	eP	Pn	06 37 46.2	+1.2		
BIPH			eS	Pn	06 38 27.0	-0.4		
SNPH	Sibulan	3.66 229	eP	Pg	06 37 57.5	-2.1		
SNPH			iP	Pn	06 38 42.5	+3.7		
DCPH	Dipolog City	4.13 220	iP	Pn	06 37 40.7	-1.2		
LQP	Lukban	4.96 198	eP	Pn	06 38 05.5	+1.3		
BATI	Baunata	2.16 186	P	P	06 41 41.5	-2.1		
FITZ	Fitzroy Crossi	29.68 181	P		06 42 55.1	-0.5		
WRA	Warramunga Arr	32.56 161	P		06 43 20.6	-0.4		
WRA			LR	LR	06 59 06.1			
ASAR	Alice Springs	36.05 168	P		06 43 52.4	+1.1		
ASAR			PcP	PcP	06 46 17.5	-0.2		
STKA	Stephens Creek	45.89 161	P		06 45 14.1	+1.9		
AKASO	Maini Array Be	85.28 321	P		06 49 25.7	-0.8		

IDC 06 06:36:54.8 ± 1.7, 19 01'N; 145°21'E, h546km; 18km
 mb3.724, mbt6p4, b24, Error ellipse: s-maj=15.3km
 s-min=9.4km az=36.0
 NEIC 06 06:36:55.0 ± 0.4, 19 00'N; 145°11'E, 0.1, h545km; 8km,
 mb4.3/83, Error ellipse: s-maj=16.6km s-min=13.8km
 az=95.0
 ISC 06 06:36:55.0 ± 0.4, 19 00'N; 005:145°11'E, 0.08, h550km,
 n121, r121/122, mb4.2/63, Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	ISC
					h m s	ISC		
DPSS	Saipan	3.80	170	Op	06 38 14.8	-1.3		
DPSS				S	06 39 17.3	-3.8		
JCH	Chichijima	8.49	342	P	06 38 58.4	+0.3		
JCH	Hachioji jima 2	14.84	342	S	06 42 30.6	-7.3		
JOW	Kunigami	17.34	300	P	06 40 28.0	+0.7		
JOW	Korea Array	23.74	324	P	06 41 24.8	-0.2		
KSRS								
SJUI	Sorong	23.98	216	P	06 41 26.7	-0.7		
LUWI	Luwuk	29.64	230	P	06 42 16.2	-0.9		
TOLLJ	Toitoli	32.75	236	P	06 42 18.4	+0.4		
COEN	Coen	38.21	183	P	06 42 45.0	+0.9		
MTN	Manton Dam	34.51	205	P	06 42 58.3	-0.1		
KAPI	Kappang	34.55	229	P	06 42 58.0	-0.7		
KAPI	Hu-ho-hao-te	35.99	314	eP	06 43 11.6	+1.0		
HHC				pmax				
KNRA	Kununurra	38.03	206	P	06 43 27.6	+0.2		
CTAO	Charters Tower	38.87	178	P	06 43 34.6	+0.4		
LZDM	Lanzhou Array	40.10	304	P	06 43 43.8	-0.5		
WRA	Warramunga Arr	40.12	196	P	06 43 43.8	-0.4		
WRA				PcP	06 45 35.2	+0.1		
WRA				ScP	06 48 32.3	+0.2		
WRA	Warramunga Arr	40.12	196	P	06 43 43.2	-1.0		
PZH	Panzhihua	40.53	289	P	06 43 48.6	+0.9		
FITZ	Fitzroy Crossi	41.54	209	P	06 43 55.7	+0.2		
FITZ	Fitzroy Crossi	41.54	209	P	06 43 55.8	+0.4		
SONM	Songino Array	42.56	321	P	06 44 03.1	-0.2		
SONM	Songino Array	42.56	321	P	06 44 04.3	+1.0		
UGM	Wanagama	43.33	235	P	06 44 10.1	+0.4		
CMAR	Chiang Mai Arr	43.62	277	P	06 44 12.3	+0.4		
CMAR	Chiang Mai Arr	43.62	277	P	06 44 13.5	+1.5		
ASAR	Alice Springs	43.80	195	P	06 44 12.9	-0.2		
ASAR				PcP	06 45 47.4	-0.1		
MYKOM	Kota Tinggi	43.86	252	P	06 44 13.1	0.0		
MYKOM				IAMB	06 44 15.4	+1.6		
ADK	Adak	44.37	33	P	06 44 18.4	+1.3		
EIDS	Eidsvold	44.49	172	P	06 44 18.5	+0.1		
EIDS				IAMB	06 44 18.7			
ATKA	Atka Island	45.84	34	P	06 44 29.1	+0.7		
INKA	Innaminka	46.65	185	P	06 44 34.7	-0.2		
INKA				IAMB	06 44 35.2			
MBWA	Marble Bar	47.02	213	P	06 44 37.5	-0.2		
FUTU	Fugate	49.06	130	P	06 44 53.2	+0.2		
SHL	Shilling	49.42	288	P	06 44 56.1	+0.3		
ARMA	Armida	49.54	173	P	06 44 57.0	+0.6		
ARMA				IAMB	06 45 19.5			
GSI	Gunning	50.76	255	P	06 44 58.6	+0.3		
SPIA	Saint Paul Isl	50.35	30	P	06 45 03.8	+1.9		
STKA	Stephens Creek	50.70	184	P	06 45 04.5	-0.3		
FORF	Forrest	52.14	199	P	06 45 15.4	+0.2		
FORF				IAMB	06 45 15.6			
EVN	Everest	53.78	291	P	06 45 29.1	+1.2		
EVN				IAMB	06 45 29.5			
SDPT	Sand Point	54.54	35	P	06 45 32.4	+0.6		
K13K	Kusilvak Mount	55.15	26	P	06 45 37.7	+1.7		
MORW	Morwa	55.42	211	P	06 45 38.2	-0.2		
MORW				IAMB	06 45 38.4			
N14K	Kuskokwak Cree	55.59	29	P	06 45 40.3	+1.2		
M14K	Bethel	55.80	28	P	06 45 41.9	+1.4		
CHGN	Chignik	55.95	34	P	06 45 42.0	+0.4		
O15K	Ungalikthiuk R	56.19	31	P	06 45 44.2	+0.9		
O15K				IAMB	06 45 49.0			
N15K	Kwethluk River	56.43	29	P	06 45 46.2	+1.3		
N15K				IAMB	06 45 47.0			
K15K	Wolf Creek Mou	56.63	27	P	06 45 47.7	+1.5		

K15K			IAMB	IAMB	06 45 54.2			
O16K	Kokwok River B	57.16	30	P	06 45 51.0	+1.1		
O16K			IAMB	IAMB	06 45 57.0			
M16K	Timber Creek	57.26	29	P	06 45 51.9	+1.3		
M16K			IAMB	IAMB	06 46 20.1			
J16K	Anvik River	57.43	26	P	06 45 53.0	+1.3		
J16K			IAMB	IAMB	06 46 37.1			
ZALV	Zalesovo Beam	57.43	322	P	06 45 51.8	-0.1		
ZALV			PcP	PcP	06 46 37.3	-0.8		
ZALV	Zalesovo Beam	57.43	322	P	06 45 51.9	+0.1		
MKAR	Makanchi Array	57.85	314	P	06 45 55.5	+0.6		
M17K	Holinta River	58.09	29	P	06 46 24.2			
M17K			IAMB	IAMB				
MKAR	Makanchi Array	57.85	314	P	06 45 55.0	0.0		
MAKZ	Makanchi	58.06	314	P	06 45 57.2	+0.8		
M17K	Holinta River	58.09	29	P	06 46 57.8	+1.6		
M17K			IAMB	IAMB	06 46 24.2			
NWAO	Narrogin (SRO)	58.11	208	P	06 45 56.6	-0.2		
NWAO			IAMB	IAMB	06 46 11.4			
G19K	Purcell Mounta	59.95	23	P	06 46 09.7	+1.1		
J20K	Nowinta River	60.43	26	P	06 46 13.2	+1.4		
J20K			IAMB	IAMB	06 46 13.5			
KURK	Kurchatov	60.67	318	P	06 46 13.7	+0.1		
KURK			IAMB	IAMB	06 46 25.4			
KURBB	Kurchatov Arr	60.72	318	P	06 46 14.0	0.0		
KURBB			IAMB	IAMB				
CASZ	Castle Rocks	61.08	27	P	06 46 17.6			
D20K	Etiivuk River	61.12	21	P	06 46 17.4	+1.2		
D20K			IAMB	IAMB	06 46 18.2			
NRIK	Norik's	61.13	340	P	06 46 16.1	-0.2		
NRIK			IAMB	IAMB				
BOOM	Boomskeye usch	62.18	309	P	06 46 24.7	+0.8		
BOOM			IAMB	IAMB	06 46 25.0			
KSHZ	Kashi	62.57	305	P	06 46 28.3	+1.8		
I23K	Minto, Yukon-K	62.68	26	P	06 46 27.5	+1.0		
E23K	Chamela	63.34	22	P	06 46 32.4	+1.5		
ILAR	Eielson Array	63.62	26	P	06 46 31.5	-1.0		
ILAR			IAMB	IAMB				
ILAR	Eielson Array	63.62	26	P	06 46 31.6	-0.9		
ILAR			IAMB	IAMB	06 46 35.3			
NIL	Nilore	64.89	299	P	06 46 42.3	+1.1		
F26K	Sheenjek River	65.28	23	P	06 46 44.8	+1.8		
F26K			IAMB	IAMB	06 46 45.3			
YAH	Yahitse	65.34	32	P	06 46 48.1			
BVAR	Borovoye Arr	65.88	320	P	06 46 47.2	+0.2		
BVAR			IAMB	IAMB				
O28M	Mount Upton	66.14	31	P	06 46 50.0	+1.2		
O28M			IAMB	IAMB	06 46 51.1			
KKAR	Karatay Array	66.14	309	P	06 46 49.6	+0.7		
I28M	Miner Creek	66.63	26	P	06 46 52.3	+0.8		
DAWY	Dawson	66.74	28	P	06 46 53.1	+0.9		
M29M	Somme Creek	67.06	29	P	06 46 56.3			
L29M	Swisshome, OR	67.25	29	P	06 46 57.5			
HYT	Haines Junctio	67.46	31	P	06 46 58.2	+1.5		
HYT			IAMB	IAMB	06 46 59.0			
SHAA	Shahrutis	68.54	304	P	06 47 04.9	+1.2		
SHAA			IAMB	IAMB	06 47 05.4			
G31M	Satah River	69.01	25	P	06 47 06.7	+0.9		
G31M			IAMB	IAMB	06 47 07.1			
INK	Inuvik	69.31	23	P	06 47 07.9	+0.3		
A36M	Sachs Harbour	71.97	19	P	06 47 24.1	+0.9		
ARTI	Arti	72.60	324	P	06 47 27.0	-0.1		
ARTI			IAMB	IAMB				
ARTI	Arti	72.60	324	P	06 47 27.0	-0.1		
ARTI			IAMB	IAMB	06 47 27.3			
AB31	Akbulak Array	72.73	317	P	06 47 27.8	-0.3		
AB31			IAMB	IAMB	06 47 28.4			
ABKAR	Akbulak Array	72.73	317	P	06 47 28.1	0.0		
HOLB	Holberg	73.52	42	P	06 47 34.1	+1.6		
AKTO	Aktuyukinsk	73.77	31	P	06 47 33.5	-0.5		
AKTO			IAMB	IAMB				
I02E	Swisshome, OR	77.76	47	P	06 47 57.7	+1.6		
I02E			IAMB	IAMB	06 48 14.7			
YKA	Yellowknife Arr	77.98	28	P	06 47 57.0	0.0		
YKA			IAMB	IAMB				
YKA	Yellowknife Arr	77.98	28	P	06 47 57.2	+0.3		
D05A	Enunclaw	78.23	44	P	06 48 00.3	+1.7		
D05A			IAMB	IAMB	06 48 04.0			
PINE	Pine Mountain	79.86	47	P	06 48 09.2	+1.5		
PINE			IAMB	IAMB	06 48 09.6			
NEW</								

Table of astronomical observations for 6d 8h. Columns include object name (e.g., SARVU, AS31), RA, Dec, magnitude, and other parameters.

Table of astronomical observations for 2020 AUG. Columns include object name (e.g., BSWZ, MRZ), RA, Dec, magnitude, and other parameters.

Table of astronomical observations for 338. Columns include object name (e.g., KDAK, MDOK), RA, Dec, magnitude, and other parameters.

Table with columns: ID, Name, Time, Az, El, Azimuth, Altitude, Magnitude, Distance, etc. Includes entries like 128M Miner Creek, C27K Jago River, L29M L29M, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth, Altitude, Magnitude, Distance, etc. Includes entries like OBKA Obir, PLCA Paso Flores, KBA Koinleinberg, etc.

ASRS 06 08:00:00.1, 53.60N-87.83E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 06 08:00:01.1, 3.4, 53.63N-88.08E, h0km, mbtmp2.8/2, ML2.2/2, Error ellipse: s-maj=30.4km s-min=19.7km az=59.0, Southwestern Siberia

ASRS 06 09:00:15.0, 0.7, 54.40N-86.87E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 06 09:00:16.0, 3.3, 54.46N-87.10E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=28.1km s-min=19.9km az=49.0, Southwestern Siberia

ISC 06 09:03:07.3±1.3, 48.73N-0.06-17.79E, 0.06, h10km, 13km, m6, e6/40/8, Czech and Slovak Republics

IDC 06 09:08:12.2, 0.7, 28.39N-104.95E, h0km, mb4.1/16, s-maj=21.7km s-min=14.2km az=63.0, Error ellipse: MOS 06 09:08:12.5, 1.2, 28.39N-105.01E, h10km, mb4.7/21, Error ellipse: s-maj=11.1km s-min=6.4km az=97.3

IDC 06 09:08:14.9, 28.40N-104.86E, h10km, mb4.7/5, mb4.3/21, ML4.3/14, Ms3.9/13, Ms7.3/9/15, NEIC 06 09:08:14.4, 1.6, 28.41N-104.84E, 0.10, h10km, 1km, mb4.6/50, Error ellipse: s-maj=14.5km s-min=11.6km az=97.0

Table with columns: Code, Station Name, Time, Az, El, Azimuth, Altitude, Magnitude, Distance, etc. Includes entries like CD2 Chengdu, CD2 CD2, CD2 CD2, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth, Altitude, Magnitude, Distance, etc. Includes entries like TNCH comp=N,680nm,2.0s, SLVN comp=E,740nm,2.7s, CNSH ChangSha, etc.

6d 10h

Table of astronomical observations for 6d 10h, listing stations like KURK, BVAR, YAK, AB31, etc., with columns for station name, coordinates, and observation details.

2020 AUG

Main table of astronomical observations for 2020 AUG, listing stations like INK, G30M, M26K, L27K, etc., with columns for station name, coordinates, and observation details.

340

Table of astronomical observations for 340, listing stations like CNBA, CHNA, SDPT, etc., with columns for station name, coordinates, and observation details.

6d 12h

SBM	South Baldy	68.19	2	P	P	12 44 10.7	+1.1
X16A	Lo Mia Camp, P	68.65	38	P	P	12 44 12.3	+0.1
ELIB	Princess Elisa	60.70	166	dP	P	12 44 11.0	-1.2
ANMO	Albuquerque	69.18	2	LR	LR	13 08 59.3	
QSM	Queen of Sheba	70.54	353	Iamb	Iamb	12 44 52.9	
U15A	North Rim	70.69	357	Iamb	Iamb	12 44 41.3	
PRN	Pahroc Range	71.82	355	Iamb	Iamb	12 44 42.7	
CCUT	Cedar City	71.86	356		P	12 44 32.8	+1.0
HHAR	Hobbs	71.86	13	Iamb	Iamb	12 44 41.2	
US3A	Gravette	71.93	12	Iamb	Iamb	12 44 32.9	
S22A	4UR Ranch, Cre	71.96	2		P	12 44 32.8	+0.2
S22A					P	12 45 05.3	
HMU	Henry Mountain	72.14	359	Iamb	Iamb	12 45 06.1	
PV18	Skein Mesa, Pa	72.43	0	Iamb	Iamb	12 44 51.6	
PV12	Saucer Basin,	72.50	0	Iamb	Iamb	12 45 08.5	
PV04	Paradox Valley	72.58	0	Iamb	Iamb	12 44 45.2	
NRV	Mina Array Bea	73.13	352	P	P	12 44 41.0	+1.6
SVR	San Rafael Swe	73.31	359	Iamb	Iamb	12 44 49.5	
WAKR	Walker	73.34	351	Iamb	Iamb	12 44 51.9	
TMUT	Trail Mountain	73.51	358	Iamb	Iamb	12 44 51.3	
TKL	Tuckaleechee C	73.71	21	LR	LR	13 12 32.1	
PNTR	Pine Nut	73.93	351	Iamb	Iamb	12 44 50.2	
AFDM	Forest Hills D	73.97	350	Iamb	Iamb	12 44 54.5	
NLU	North Lily Min	74.19	358	Iamb	Iamb	12 44 55.5	
BSUT	Glindstrom Ca	74.74	359	Iamb	Iamb	12 44 58.5	
RDMU	Red Mountain	74.76	360	Iamb	Iamb	12 44 50.1	
BMN	Battle Mountai	75.00	353	P	P	12 44 51.3	+1.1
M02C	Callahan	76.65	349	Iamb	Iamb	12 45 10.3	
BW06	Boulder Array	76.95	360	Iamb	Iamb	12 45 02.1	
PDAR	Pinedale Array	76.95	360	P	P	12 45 01.2	-0.1
PDAR					P	13 14 02.1	
PDAR					P	12 45 00.2	-1.2
PDAR					P	13 11 36.0	
YBH	Yreka Blue Hor	76.96	349	LR	LR	13 11 36.0	
WVOR	Wild Horse Val	77.13	353	Iamb	Iamb	12 45 13.1	
K05A	Summer Lake	77.68	351	P	P	12 45 07.5	+2.1
LOHW	Long Hollow	77.81	359	Iamb	Iamb	12 45 13.8	
HLID	Hailey	77.90	356	Iamb	Iamb	12 45 17.1	
MAW	Mawson	77.97	177	P	P	12 45 05.7	-0.9
MAW					P	13 18 12.3	
J08A	Circle Bar Ran	78.02	353	Iamb	Iamb	12 45 21.5	
BCYI	Bear Canyon	78.60	357	Iamb	Iamb	12 45 18.8	
PINE	Pine Mountain	78.73	351	P	P	12 45 12.4	+1.2
RLMT	Red Lodge	79.31	360	Iamb	Iamb	12 45 24.5	
PLID	Pearl Lake	79.53	355	P	P	12 45 15.7	+0.1
PLID					P	12 45 32.0	
NEW	Newport	82.77	355	LR	LR	13 16 13.8	
SADO	Sadowy	83.47	21	LR	LR	13 20 24.9	
STKA	Stephens Creek	86.38	234	LR	LR	13 17 58.3	
BBB	Bella Bella	87.99	348	LR	LR	13 16 28.8	
CTA	Charters Tower	90.29	245	LR	LR	13 22 03.9	
DLBC	Dease Lake	94.30	349	LR	LR	13 21 44.4	
KRVT	Keravat (AS076	94.97	261	LR	LR	13 20 59.0	
PMG	Port Moresby	95.94	254	LR	LR	13 21 03.7	
SCHO	Schefferville	96.87	235	LR	LR	13 23 40.7	
YKA	Yellowknife Ar	96.82	357	LR	LR	13 25 08.1	
ASAR	Chiang Mai Arr	149.50	244	PKPbc	PKPbc	12 52 58.9	-0.2
CMAR	Chiang Mai Arr	150.45	244	PKPbc	PKPbc	12 53 00.0	-0.9
S0NM	Songria	150.54	187	PKPbc	PKPbc	12 52 59.4	-1.1
SUR	Sutherland	98.39	139	LR	LR	13 23 50.2	
KDAS	Kodiak Island	99.01	338	LR	LR	13 21 29.0	
AKASG	Malin Array B	145.79	49	PKPbc	PKPbc	12 52 45.6	-1.4
BRTR	Keskin Array B	149.90	69	PKPbc	PKPbc	12 52 57.4	-1.9
BRTR	Keskin Array B	149.90	69	PKPbc	PKPbc	12 52 58.9	-0.3
CMAR	Chiang Mai Arr	150.45	244	PKPbc	PKPbc	12 53 00.0	-0.9
S0NM	Songria	150.54	187	PKPbc	PKPbc	12 52 59.4	-1.1
ZALV	Zalesovo Beam	158.31	338	PKP	PKP	12 53 05.6	+0.4

NNC 06 12:38:49.3, 8.41°66N-81°99E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=29.9km s-min=18.4km az=168.0

SOME 06 12:38:56.1, 42.22N-81°68E, h10km

ISC 06 12:38:51.3, 8.42°63N-01°82E, h10km, n11, o1°165/21, 5C-2D, Northern Xinjiang

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KTMS	Ketmen	1.76	312	eP	Pg	12 39 26.4	+1.4
KTMS				eS	Sg	12 39 48.3	+0.4
SHLS	Shalkode	2.17	295	eP	Pn	12 39 27.3	-0.2
SHLS				eS	Pn	12 39 50.0	-4.5
PDGK	Podgornoye	2.22	299	∥Pn	Pb	12 39 30.5	-1.1
PDGK				∥Sn	Sg	12 40 04.4	+1.8
UZB	Uzymbulak	2.46	292	eP	Pb	12 39 36.3	+0.6
UZB				eS	Pg	12 40 05.3	-0.9
DJR	Jarkent	2.68	321	eP	Pb	12 39 43.1	+0.6
DJR				eS	Sg	12 40 17.0	-0.3
KPKS	Kokpek	2.81	296	eP	Pb	12 39 42.5	+0.9
KPKS				eS	Pb	12 40 15.7	-0.4
SATY	Saty	2.87	287	eP	Pb	12 39 43.5	+0.9
SATY				eS	Pb	12 40 17.5	-0.4
KURS	Kuran	3.17	294	eP	Pb	12 39 48.6	+1.0
KURS				eS	Pb	12 40 26.5	+0.2
KTBS	Karatob	4.26	291	eP	Pb	12 40 07.2	+0.9
KTBS				eS	Sb	12 40 58.1	+0.4

MK31	Makanchi Array	4.51	1	∥Pn	Pb	12 40 09.8	-0.7
MK31		0.1nm, 0.3s, baz=184, slow=13, SNR=7.7			Sb	12 41 08.5	+3.6
MK31		0.6nm, 0.7s, baz=188, slow=23, SNR=5.3			Lg	12 41 30.2	
MAKZ	Makanchi	4.52	358	∥Pn	Pb	12 40 08.9	-1.8
MAKZ		1.2nm, 0.4s			Lg	12 41 30.6	

NOU 06 12:46:29.3, 26°26'S: 176°29'W, h165km, mb4.9/28, South of Fiji Islands

NEIC 06 12:46:31.4, 2.0, 26°39'S: 0°09:177°5'W: 0°1, h117km, 5km, mb4.8/10.4, Error ellipse: s-maj=17.9km s-min=11.9km az=106.0

GCMT 06 12:46:35.6, 0.2, 26°50'S: 0°02:177°40'W: 0°01, h144km, 1km, MWs: 1/1/17, Moment Tensor Solution, s55, c69; s117, c183; Duration: 0 Moment tensor: Scale 1016Nm; Mw=2.13±.11; Ms=1.95±.13; Mx=4.07±.12; Mb=2.54±.09; Mz=0.26±.12; M2=2.29±.09; Best double couple: λ=96.00000°; λ=154.00000°; λ=53.00000°. Principal axes: T 4.8740, P1g20.0000°, Azm96.0000°; N 0.0830, P1g36.0000°, Azm200.0000°; P -4.9670, P1g48.0000°, Azm342.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 06 12:46:37.4, 3.4, 26°43'S: 177°7'W, h167km, 29km, mb4.2/17, mbtmp4.7/18, MS3.6/7, Error ellipse: s-maj=16.3km s-min=11.8km az=83.0

ISC 06 12:46:38.0, 5.6, 26°63'S: 0°05:177°55'W: 0°07, h141km, 4km, h141km; P-P, n337, c1963/315, mb4.8/86, 7C-7D, South of Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RAO	Raoul Island	2.64	187	Pn	Pn	12 47 17.7	+1.5
RAO		2.64	187	Sn	Pn	12 47 16.6	+0.4
LKBA	Tubou, Lakemba	8.43	352	P	Pn	12 48 32.0	-1.1
MSVF	Nonsavu	9.74	334	P	Pn	12 48 50.8	+0.1
MSVF		398nm, 0.9s, baz=135, slow=13, SNR=190			Pn	12 48 51.6	+0.9
MSVF	Nonsavu	9.74	334	P	Pn	12 48 49.0	-1.6
TAVE	Taveuni	10.11	347	P	Pn	12 48 54.9	-0.6
NIUE	Niue	10.28	45	Pn	Pn	12 48 51.4	-6.4
DGTI	Dagotuki	10.58	346	P	Pn	12 49 07.7	-1.0
MXZ	Matakaoa Point	11.46	197	Sn	Sn	12 51 09.2	-10
HAZ	Te Kaha	11.78	198	Sn	Sn	12 49 10.6	-6.8
HAZ				Sn	Sn	12 51 20.1	-7.2
PUZ	Puketiti	11.95	196	P	Sn	12 49 10.6	-9.0
PUZ				Sn	Sn	12 51 22.4	-9.1
RUGZ	Raukumara Rang	12.00	198	P	Sn	12 49 12.9	-7.5
TWJZ	Tauwhareparae	12.12	197	P	Sn	12 51 23.3	-10
TWJZ				Sn	Sn	12 51 28.0	-7.7
CNGZ	Carnagh Station	12.35	196	P	Pn	12 49 14.3	-1.1
CNGZ				Sn	Pn	12 51 32.5	-8.6
MWZ	Matawai	12.39	198	Sn	Pn	12 49 18.1	-7.2
MWZ				Sn	Sn	12 51 31.1	-1.1
TKGZ	Te Karaka	12.40	197	Sn	Pn	12 51 33.2	-9.1
URZ	Urewera	12.44	200	P	Pn	12 49 18.4	-7.6
URZ		3.9nm, 0.8s, baz=262, slow=5.6, SNR=13			Sn	12 51 35.5	-7.8
URZ		19nm, 0.3s, baz=200, slow=20, SNR=12			Sn	12 51 38.9	-7.7
RAGZ	Rawiri	12.57	198	Sn	Sn	12 51 45.1	-5.7
MUGZ	Murupara	12.75	201	Sn	Sn	12 49 25.5	-8.5
MHGZ	Mahia Peninsula	13.06	196	P	Sn	12 51 45.2	-13
MHGZ				Sn	Sn	12 49 33.2	-10
AFI	Afiama	13.76	24	Sn	Sn	12 51 51.5	-24
AFI		81nm, 0.5s, baz=46, slow=23, SNR=14			Pn	12 49 46.6	-1.2
AFI	Afiama	13.76	24	Pn	Pn	12 49 32.7	-10
AFI	Afiama	13.76	24	Pn	Pn	12 49 32.3	-11
AFI				Sn	Sn	12 51 48.7	-27
MARNC	Mare, Loyalty	14.13	288	Pn	Pn	12 49 46.6	-1.2
OUENC	Ouen Island, N	14.81	283	P	Pn	12 50 05.1	+6.5
OUENC	Ouen Island, N	14.81	283	P	Pn	12 49 55.2	-1.2
YATWC	Mamie plateau,	14.89	284	P	Pn	12 49 47.4	+6.7
BFZ	Birch Farm	14.94	199	P	Sn	12 49 47.1	-1.1
BFZ				Sn	Pn	12 52 26.2	-17
MRZ	Mangatainoka R	15.12	200	P	Pn	12 49 50.8	-9.1
MRZ				Sn	Pn	12 52 31.5	-16
ONTNC	Ouen Toro	15.19	283	P	Pn	12 50 59.4	+6.7
ONTNC	Ouen Toro	15.19	283	Pn	Pn	12 49 58.8	-2.2
DZM	Mont Dzumac	15.28	284	P	Pn	12 50 05.3	+1.5
DZM		18nm, 0.9s, baz=116, slow=17, SNR=9.1			P	12 50 11.8	+6.8
NOUC	Port Laguerre	15.39	284	P	Pn	12 50 28.6	-6.8
NIWZ	Nelson</						

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Table with columns: 345, KULM, KULM, comp=, 85.05 278, Iamb, Iamb, 12 58 53.6, -0.5, 12 58 55.9, 12 58 52.9, -1.2, 12 58 55.3, +0.7, 12 58 54.9, +0.3, 12 58 53.1, -1.4, 12 58 56.7, 12 58 54.2, -1.8, 12 58 56.0, 12 58 55.8, -0.9, 12 58 56.4, -0.8, 12 58 59.5, +0.6, 12 59 01.7, +0.7, 12 59 00.7, 0.0, 12 59 03.7, 12 59 02.0, +1.3, 12 59 00.7, +0.2, 12 59 00.8, -0.5, 12 59 04.0, 12 59 03.2, -0.6, 12 59 03.5, -1.0, 12 59 07.2, 12 59 03.4, -0.2, 12 59 05.3, +0.4, 12 59 06.0, 0.0, 12 59 07.2, +0.6, 12 59 06.8, +0.9, 12 59 07.2, +0.6, 12 59 06.8, -0.3, 12 59 07.2, +1.1, 12 59 05.7, -1.4, 12 59 09.8, 12 59 06.9, -0.4, 12 59 10.8, 12 59 07.4, -0.5, 12 59 09.9, -0.6, 12 59 15.5, 12 59 14.7, -0.6, 12 59 18.2, 12 59 18.2, 12 59 14.7, -1.0, 12 59 17.2, +0.6, 12 59 18.0, +0.8, 12 59 18.3, +0.6, 12 59 16.4, -1.3, 12 59 18.5, +0.2, 12 59 20.4, +0.1, 12 59 19.3, 12 59 17.8, 12 59 20.8, 12 59 20.1, +0.5, 12 59 21.1, 12 59 22.2, 12 59 20.4, +0.1, 12 59 21.7, 12 59 21.0, -0.9, 12 59 22.9, 12 59 23.8, 12 59 33.1, 12 59 27.4, 12 59 28.6, +1.1, 12 59 38.1, 12 59 26.9, -1.5, 12 59 30.6, +1.2, 12 59 30.7, +1.2, 12 59 29.9, +0.4, 12 59 31.2, +0.9, 12 59 31.0, +0.8, 12 59 30.3, -1.7, 12 59 32.2, +0.2, 12 59 31.6, -0.4, 12 59 36.8, 12 59 56.1, 12 59 36.6, +1.2, 12 59 37.1, +1.2, 12 59 34.9, -1.0, 12 59 31.6, -3.3, 12 59 34.7, -1.2, 12 59 41.5, 12 59 06.4, +0.9, 12 59 09.1, +0.7, 12 59 57.5, -0.9, 12 59 58.0, -1.1, 12 59 58.5, -1.2, 12 59 03.8, -0.9, 12 59 03.8, -1.0, 12 59 24.8, -0.6, 12 59 14.2, -0.7, 12 59 22.4, -0.1, 12 59 21.5, -0.4, 12 59 35.0, -0.3, 12 59 35.0, -0.3, 12 59 34.6, -0.7, 12 59 41.1,

Table with columns: FINES, comp=, 1.4nm, 0.4s, baz=54, slow=3.7, SNR=16, PKP, PKPpdf, 13 05 49.1, +1.3, 13 05 50.4, -0.4, 13 05 50.9, 0.0, 13 05 52.5, -0.7, 13 05 52.7, -0.9, 13 05 52.7, -0.9, 13 05 52.8, -0.9, 13 05 53.4, -0.8, 13 05 55.1, -0.2, 13 05 54.2, -0.5, 13 05 55.3, -0.3, 13 05 56.7, +0.1, 13 05 57.7, -0.2, 13 05 58.2, 13 05 56.7, -0.3, 13 05 57.0, -0.6, 13 05 58.2, -0.1, 13 05 59.7, 13 05 58.5, +0.1, 13 05 58.5, 13 05 59.0, -0.3, 13 06 00.9, 13 06 02.8, +0.6, 13 06 02.9, 13 06 02.6, +0.3, 13 06 02.6, -0.8, 13 06 02.8, -0.7, 13 06 01.8, -1.6, 13 06 01.8, -1.7, 13 06 02.0, -1.5, 13 06 02.1, -1.2, 13 06 02.1, -1.4, 13 06 02.3, -1.2, 13 06 01.9, -1.6, 13 06 01.9, -1.6, 13 06 02.4, -1.2, 13 06 02.4, -1.2, 13 06 02.4, -1.2, 13 06 02.5, -1.1, 13 06 02.3, -1.3, 13 06 02.7, -0.9, 13 06 02.7, -0.9, 13 06 02.3, -1.4, 13 06 02.5, -1.2, 13 06 02.6, -1.1, 13 06 02.7, -1.0, 13 06 02.5, -1.2, 13 06 02.7, -0.9, 13 06 02.7, -0.9, 13 06 03.3, -0.5, 13 06 04.0, 0.0, 13 06 03.2, -0.9, 13 06 02.1, +0.5, 13 06 03.5, +0.2, 13 06 01.1, -0.5, 13 06 05.4, -1.0, 13 06 05.4, -1.1, 13 06 06.6, -0.1, 13 06 06.3, -0.4, 13 06 06.8, -0.4, 13 06 06.8, -0.3, 13 06 09.7, -0.6, 13 06 08.6, -1.0, 13 06 08.2, -2.0, 13 06 10.5, -0.2, 13 06 11.2, 0.1, 13 06 11.2, -0.1, 13 06 13.7, -0.4, 13 06 15.7, +0.4, 13 06 15.8, +0.3, 13 06 29.8, -0.1, 13 06 29.8, -0.1, 13 06 34.6, 13 06 30.1, -0.1, 13 06 34.9, 13 06 30.9, +0.4, 13 06 32.7, -0.9, 13 06 08.1, -0.2, 13 06 16.6, +0.1, 13 06 29.7, -0.8, 13 06 35.3, 13 06 30.7, -0.2, 13 06 21.1, +4.4, 13 06 35.3, +4.4, 13 06 09.5, 13 06 09.5, 13 06 17.7, 13 06 30.1, -1.1, 13 06 32.5, 13 06 36.2, +0.5, 13 06 36.9, 13 06 32.7, +0.3, 13 06 38.2, 13 06 32.4, -0.5, 13 06 34.1, +0.2, 13 06 38.5, 13 06 34.7, +0.7, 13 06 33.8, -0.2, 13 06 38.4, 13 06 34.8, -0.3, 13 06 39.3, 13 06 35.3, -0.1, 13 06 36.8, +0.5, 13 06 41.5, 13 06 38.6, 0.0, 13 06 38.6, 0.0, 13 06 43.4, 13 06 38.8, -0.1, 13 06 43.8, 13 06 21.2, +1.0, 13 06 40.7, +0.5, 13 06 40.1, -0.2, 13 06 43.0, +0.4, 13 06 42.3, -0.9, 13 06 44.5, +0.4, 13 06 45.4, -0.7, 13 06 46.3, -0.2, 13 06 46.9, -0.2, 13 06 46.9, -0.2, 13 06 48.2, 0.0, 13 06 47.8, -0.5, 13 06 48.3, -0.1, 13 06 48.3, -0.3,

Table with columns: 6d 13h, MOTA, Moosalm, 158.22 344, i PKP, PKPab, 13 06 48.1, -0.6, 13 06 49.1, +0.1, 13 06 48.8, -0.6, 13 06 49.5, -0.7, 13 06 49.9, -0.5, 13 06 22.5, 0.0, 13 07 22.5, 0.0, 13 07 21.7, -0.8, 13 06 22.9, -0.2, 13 07 26.9, +1.1,

13 06 12:55:51.2, 3.0, 33:58S; 178:67W, h0km, mb3.72, mbtmp3.9/3, ML4.0/1, Error ellipse: s-maj=75.9km s-min=36.0km az=119.0
WEL 06 12:55:57.1, 3.3, 35:52N; 171:8W, 2.2, h12km, M3.9, mb4.5/5, ML3.9/9, MLV3.9/8, MfwdM3.7/5, Error ellipse: s-maj=38.9km s-min=8.8km az=133.1, confirmed
ISC 06 12:55:51.1, 2.2, 33:58S; 0.1x178:3W, 0.3, h10km, n20, c208/93, South of Kermadec Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC, MXZ, Matakaoa Point, 4.71 215, Op, P, Pn, 12 57 04.4, +2.3, 12 57 58.8, +2.0, 12 58 09.3, +2.3, 4.87 212, P, Pn, 12 57 06.3, +1.9, 5.12 217, S, Pn, 12 57 09.8, +2.0, 5.15 212, S, Pn, 12 57 09.4, +1.2, 5.23 217, P, Pn, 12 57 11.8, +0.9, 5.33 217, P, Pn, 12 58 13.5, +1.0, 5.36 213, P, Pn, 12 57 13.8, +2.7, 5.36 213, S, Pn, 12 58 14.7, +1.8, 5.51 210, P, Pn, 12 57 16.2, +3.0, 5.63 213, S, Pn, 12 57 17.1, +2.2, 5.63 213, S, Pn, 12 58 20.6, +1.1, 5.70 215, P, Pn, 12 57 17.9, +2.1, 5.70 215, S, Pn, 12 58 20.4, -0.8, 5.85 218, Pn, 12 57 19.1, +1.3, 4.2nm, 0.3s, baz=257, slow=2.4, SNR=26, 13nm, 0.3s, 12 58 24.3, -0.5, 5.85 218, AML, Pn, 12 57 19.1, +1.3, 5.85 218, S, Pn, 12 58 24.4, -0.4, 5.89 212, P, Pn, 12 57 19.5, +1.1, 5.89 212, S, Pn, 12 58 26.5, +0.5, 6.19 219, P, Pn, 12 57 23.9, +1.5, 6.19 219, S, Pn, 12 58 32.0, -1.3, 6.19 219, P, Pn, 12 57 22.9, +0.4, 6.37 215, P, Pn, 12 57 27.1, +2.1, 6.37 215, S, Pn, 12 58 37.4, -0.4, 6.18 211, P, Pn, 12 57 49.2, -0.6, 6.18 211, S, Pn, 12 59 17.7, -4.6, 8.46 214, P, Pn, 12 57 53.9, +0.2, 8.46 214, S, Pn, 12 59 23.1, -6.0, 42.79 271, P, Pn, 13 03 49.0, -0.1, 44.08 276, P, Pn, 13 03 57.8, -1.8, 148.17 338, PKPbc, PKPbc, 13 05 36.6, +0.2,

13 06 12:57:54.5, 3.5, 2:99S; 139:19E, h0km, mb3.5/3, mbtmp3.7/4, ML4.2/1, MS3.6/1, Error ellipse: s-maj=109.1km s-min=29.1km az=91.0
DJA 06 12:58:03.4, 1.0, 3:2S; 14:10E, h96km, 7km, M3.7/5, MLV3.7/5
ISC 06 12:58:02.7, 1.2, 3:2S; 0.1x140:0E, 0.1, h100km, n7, c208/8, Irian Jaya

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC, GENI, Genyem, 0.62 17, Op, P, Pn, 12 58 19.6, +0.1, 12 58 31.9, -0.2, 1.45 242, P, Pn, 12 58 29.1, +0.8, 4.36 297, P, Pn, 12 59 07.2, +0.4, 17.54 198, P, Pn, 13 02 01.1, +0.4, 20.42 222, AML, Pn, 13 02 28.0, -4.1, 3.0nm, 1.1s, baz=48, slow=12, SNR=7.2, LR, LR, 13 09 43.2, 21.18 196, P, 13 02 42.0, +1.7, 1.4nm, 0.6s, baz=26, slow=9.6, SNR=25, 1.4nm, 0.6s, 13 09 10.3, +0.8, 70.95 322, P, Pn, 13 09 10.3, +0.8,

REN 06 13:01:57.7, 0.7, 38:14N; 0:02:118:04W, 0.02, h10km, 1km, Error ellipse: s-maj=2.5km s-min=1.6km az=210.0
NEIC 06 13:01:57.9, 38:15N; 118:03W, h8km
NEIC 06 13:01:57.9, 0.7, 38:14N; 0:01:118:04W, 0.01, h8km, 2km, ML3.4/10, Mwt3.5/4, ML3.8/17(REN), Error ellipse: s-maj=2.0km s-min=1.5km az=168.0, Moment Tensor Solution. Moment solution: Scale 10^14Nm; Mrr:0.16; Mss:0.81; Mss:0.97; Mss:0.38; Mss:1.41; Mss:1.01; Fault plane solution: N1:99000x1014 NP1:165.19000x, 385.87000x, -146.99000x. NP2:72.51000x, 857.08000x, -4.93000x. Principal axes: T 1.9976, P19.0000, Azm294.0000; N -0.0125, P15.97000x, Azm172.0000; P -1.9852, P16.26000x, Azm34.0000;

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC, COLR, Columbus, 0.02 296, Op, P, Pn, 13 01 59.9, +0.3, 0.31 342, P, Pn, 13 02 04.2, +0.1, 0.31 342, IAML, Pn, 13 02 08.8, +0.5, 0.31 342, IAML, Pn, 13 02 09.2, 0.34 323, P, Pn, 13 02 04.9, +0.1, 0.34 323, P, Pn, 13 02 10.2, -0.9, 0.34 327, P, Pn, 13 02 04.9, +0.1, 0.34 327, P, Pn, 13 02 04.9, +0.1,

2020 AUG

6D 13h									
CLB5	Colider	55.11	88	P	P	14 07 09.1	-1.0		
	comp=Z,31nm,1.4s								
121A	Cookes Peak, D	55.13	5	Iamb	Iamb	14 07 12.5			
	comp=Z,59nm,1.1s								
YUH	Yuhia De Sa	55.18	356	Iamb	Iamb	14 07 12.5			
	comp=Z,48nm,1.3s								
CAIB	Caibarien	55.19	38	P	P	14 07 09.3	-1.1		
	comp=Z,56nm,1.0s								
113A	Mohate Valley	55.22	359	Iamb	Iamb	14 07 12.8			
	comp=Z,64nm,1.4s								
BRDY	Brady	55.22	14	Iamb	Iamb	14 07 11.8			
	comp=Z,44nm,1.1s								
BAR	Barret	55.27	356	Iamb	Iamb	14 07 13.0			
	comp=Z,78nm,1.4s								
SGCY	Sterling City	55.40	12	Iamb	Iamb	14 07 13.2			
	comp=Z,52nm,1.1s								
DPP	Dos Picos City	55.60	355	Iamb	Iamb	14 07 15.4			
	comp=Z,71nm,1.3s								
BORC	Borrego Spring	55.83	356	P	P	14 07 15.4	+0.6		
	comp=Z,39nm,1.0s								
128A	Castleberry Fa	55.85	10	Iamb	Iamb	14 07 16.4			
	comp=Z,49nm,1.0s								
LDASE	Londrina, Braz	55.94	104	eP	P	14 07 14.8	-1.2		
	comp=Z,37nm,1.1s								
DNR	Dunn Ranch,Anz	56.14	356	Iamb	Iamb	14 07 19.6			
	comp=Z,37nm,1.1s								
BC3	Big Chickawall	56.16	357	Iamb	Iamb	14 07 19.7			
	comp=Z,49nm,1.0s								
PFO	Pinyon Flats 0	56.18	356	P	P	14 07 18.5	+1.1		
	comp=Z,7.9nm,0.9s,baz=175,slow=8.3,SNR=7.2								
PFO	Pinyon Flats 0	56.18	356	iP	P	14 07 17.3	-0.1		
	comp=Z,574nm,21.4s,baz=196,slow=30								
PFO	Pinyon Flats 0	56.18	356	P	P	14 07 18.5	+1.1		
	comp=Z,7.9nm,0.9s								
PFO	Pinyon Flats 0	56.18	356	P	P	14 07 18.3	+0.9		
	comp=Z,31nm,1.3s								
BLYC	Blythe	56.22	358	Iamb	Iamb	14 07 19.9			
	comp=Z,49nm,1.1s								
WHTX	Lake Whitney,	56.26	15	Iamb	Iamb	14 07 19.2			
	comp=Z,59nm,1.2s								
BOAV	Boa Vista	56.34	71	P	P	14 07 17.1	-1.8		
	comp=Z,43nm,1.1s								
BOAV	Boa Vista	56.34	71	eP	P	14 07 17.4	-1.5		
	comp=Z,51nm,0.9s								
POST	Post	56.45	11	Iamb	Iamb	14 07 20.4			
	comp=Z,61nm,1.2s								
BELC	Belle Mt, Jos	56.53	356	Iamb	Iamb	14 07 22.6			
	comp=Z,61nm,1.2s								
SN07	Snyder 07	56.59	12	Iamb	Iamb	14 07 21.3			
	comp=Z,40nm,1.1s								
IRM	Iron Mountain	56.65	357	Iamb	Iamb	14 07 23.0			
	comp=Z,54nm,1.3s								
AFI	Afiatama	56.79	268	LR	LR	14 07 26.17			
	comp=Z,153nm,18.1s,baz=117,slow=30								
NPGB	Novo Progresso	56.80	83	eP	P	14 07 21.5	-1.4		
	comp=Z,41nm,1.1s								
MWC	Mount Wilson	56.91	354	Iamb	Iamb	14 07 24.9			
	comp=Z,54nm,1.1s								
ARAG	Araguaians, MT	57.26	95	eP	P	14 07 24.2	-1.2		
	comp=Z,41nm,1.1s								
W13A	Hualapai Mount	57.54	358	Iamb	Iamb	14 07 29.8			
	comp=Z,36nm,1.1s								
TPO	Tropic Hills	57.58	354	Iamb	Iamb	14 07 29.2			
	comp=Z,71nm,1.2s								
ITTB	Iaituba	57.61	80	eP	P	14 07 26.7	-1.2		
	comp=Z,10nm,1.0s								
ALQ	Albuquerque	57.64	6	P	P	14 07 29.3	+0.4		
	comp=Z,10nm,1.0s								
ANMO	Albuquerque	57.64	6	P	P	14 07 28.1	+0.2		
	comp=Z,6.8nm,0.9s,baz=165,slow=8.0,SNR=9.0								
ANMO	Albuquerque	57.64	6	iP	P	14 07 30.5	-0.3		
	comp=Z,5.8nm,0.9s								
ANMO	Albuquerque	57.64	6	P	P	14 07 27.7	-0.1		
	comp=Z,14nm,1.1s								
ANMO	Albuquerque	57.64	6	P	P	14 07 28.4	+0.5		
	comp=Z,14nm,1.2s								
WTF5	Witchita Falls	57.73	14	Iamb	Iamb	14 07 29.5			
	comp=Z,64nm,1.1s								
GSC	Goldstone	57.88	356	Iamb	Iamb	14 07 31.7			
	comp=Z,42nm,1.1s								
WUAZ	Wupatki	57.95	1	Iamb	Iamb	14 07 32.5			
	comp=Z,75nm,1.4s								
LRMC	Laurel Mt Peak	58.12	355	Iamb	Iamb	14 07 33.3			
	comp=Z,37nm,1.2s								
CCMA	Chr Cany lake	58.14	355	Iamb	Iamb	14 07 33.5			
	comp=Z,34nm,0.9s								
AMTX	Amarillo	58.20	10	Iamb	Iamb	14 07 33.9			
	comp=Z,39nm,0.7s								
LOOK	Love County	58.24	15	Iamb	Iamb	14 07 33.1			
	comp=Z,58nm,1.0s								
QSM	Queen of Sheba	58.54	356	Iamb	Iamb	14 07 36.2			
	comp=Z,39nm,1.3s								
PMSC	Manual Prospec	58.68	355	Iamb	Iamb	14 07 37.3			
	comp=Z,38nm,1.3s								
GWY	Greenwater Val	58.75	356	Iamb	Iamb	14 07 37.7			
	comp=Z,43nm,1.2s								
BB19B	Bedford	58.81	102	eP	P	14 07 36.3	0.0		
	comp=Z,61nm,1.2s								
U15A	North Rim	58.85	0	Iamb	Iamb	14 07 39.0			
	comp=Z,61nm,1.2s								
FURC	Furnace Creek,	59.04	356	Iamb	Iamb	14 07 39.8			
	comp=Z,48nm,1.1s								
HULI	Fort Hunter Lr	59.05	352	Iamb	Iamb	14 07 39.8			
	comp=Z,39nm,0.9s								
CWC	Cottonwood Cre	59.11	355	Iamb	Iamb	14 07 40.5			
	comp=Z,40nm,1.4s								
PMPB	Monarch Peak	59.18	352	Iamb	Iamb	14 07 40.8			
	comp=Z,54nm,1.3s								
WCT	Wildcat Mounta	59.35	356	Iamb	Iamb	14 07 42.5			
	comp=Z,51nm,1.1s								
MLH	Mauna Loa	59.40	312	P	P	14 07 41.2	+0.7		
	comp=Z,45nm,1.0s								
W35A	Tecumseh	59.42	15	Iamb	Iamb	14 07 40.5			
	comp=Z,27nm,0.9s								
KNB	Kanab	59.44	360	Iamb	Iamb	14 07 42.8			
	comp=Z,60nm,1.2s								
GRAC	Grapevine Peak	59.60	355	Iamb	Iamb	14 07 43.4			
	comp=Z,31nm,0.9s								
MIAR	Mount Ida	59.70	18	P	P	14 07 41.9	0.0		
	comp=Z,24nm,1.5s								
TIN	Tinmahua, Big	59.73	355	Iamb	Iamb	14 07 44.8			
	comp=Z,45nm,1.0s								
MVCO	Mesa Verde	59.74	4	P	P	14 07 43.1	+0.7		
	comp=Z,83nm,1.3s								
VAO	Valinhos	59.75	104	P	P	14 07 42.5	-0.3		
	comp=Z,45nm,1.0s								
VAO	Valinhos	59.75	104	eP	P	14 07 42.8	-0.1		
	comp=Z,83nm,1.3s								
SAO	San Andreas Ge	59.80	352	Iamb	Iamb	14 07 44.7			
	comp=Z,37nm,1.2s								
X40A	Basin Creek Fa	59.86	19	P	P	14 07 42.3	-0.8		
	comp=Z,45nm,1.2s								
PRN	Pharoc Range	59.88	358	Iamb	Iamb	14 07 46.3			
	comp=Z,39nm,1.3s								
IPMB	Ipameri, G	59.91	98	eP	P	14 07 43.1	-0.9		
	comp=Z,44nm,1.1s								
CRPR	Cabo Rojo, PR	59.96	51	P	P	14 07 43.4	-0.6		
	comp=Z,42nm,1.2s								
CCUT	Cedar City	59.98	359	Iamb	Iamb	14 07 46.9			
	comp=Z,42nm,1.2s								
MLPR	Maguaya Ielan	59.98	51	P	P	14 07 44.1	-0.1		
	comp=Z,35nm,1.3s								
SZCU	Shurtz Canyon	60.02	359	Iamb	Iamb	14 07 47.0			
	comp=Z,39nm,1.3s								
DSP	Deep Springs	60.02	355	Iamb	Iamb</				

SNA	Sanae	74.51 162	P	P	14 09 15.2	-0.5
SNA	comp=Z,5.7nm,0.8s,baz=248,slow=2.2,SNR=18					
SNA	LR					
SNA	comp=Z,14.7nm,21.7s,baz=303,slow=31					
SNA	LR					
SNA	Sanae	74.51 162	P	P	14 09 15.0	-0.7
SNA	comp=Z,29nm,1.8s					
SNA	Sanae	74.51 162	P	P	14 09 14.3	-1.4
SNA	comp=Z,15nm,1.8s					
NCB	Newcomb	75.02 27	I	I	14 09 19.9	
TROL	Troll	75.83 163	J	P	14 09 23.4	-0.1
BBB	Bella Bella	75.87 350	LR		14 34 43.1	
FLET	Fletcher	76.17 28	I	I	14 09 26.8	
KOUNC	Koumanc, New Ca	76.47 253	P	P	14 09 27.5	-0.3
KOUNC	comp=Z,38nm,1.1s					
TRQ	Mont Tremblant	76.71 26	I	I	14 09 29.5	
FFC	Flin Flon	77.66 6	P	P	14 09 33.3	-0.3
FFC	comp=Z,11m,1.1s					
NVL	N'azarevskaya	79.00 264	eP	S	14 09 42.2	+1.2
NVL	eS					
NVL	comp=Z,3.1nm,0.8s					
V3K	Ketchikan	79.48 349	I	I	14 09 45.6	
ELIB	Princess Elisa	80.84 167	dP	P	14 09 50.4	-0.7
BATG	Bathurst New B	81.20 30	I	I	14 09 54.1	
SIT	Sitka	81.81 347	P	P	14 09 57.4	+1.4
S34M	Telegraph Cree	81.87 350	I	I	14 09 58.7	
DLBC	Dease Lake	82.20 351	LR	LR	14 41 56.7	
JIS	Junes Island	82.77 132	P	P	14 10 01.7	+0.7
Q32M	Nakina River	83.05 350	I	I	14 10 06.1	
R33M	Jennings River	83.26 351	I	I	14 10 05.7	
WTLY	Watson Lake, Y	83.64 352	I	I	14 10 07.0	
ARMA	Armidale	83.69 240	P	P	14 10 05.8	-1.0
CAN	Camberra	83.83 234	P	P	14 10 08.6	+1.2
P32M	Atlin	83.89 349	P	P	14 10 06.8	-0.1
P32M	comp=Z,22nm,1.7s					
SKAG	Skagway	84.06 348	P	P	14 10 08.9	+1.3
SKAG	comp=Z,35nm,1.6s					
SKAG	Skagway	84.06 348	P	P	14 10 08.1	+0.5
SKAG	comp=Z,33nm,1.4s					
HNR	Honiarra	84.32 262	LR	LR	14 39 21.0	
P29M	Windyr Craggy	84.68 347	I	I	14 10 12.2	
YKAW1	Yellowknife Wh	84.95 359	I	I	14 10 13.2	
YKAW1	comp=Z,49nm,1.2s					
YKA	Yellowknife A	84.96 359	P	P	14 10 11.9	-0.2
YKA	comp=Z,17nm,1.0s,baz=174,slow=5.3,SNR=65					
YKA	LR					
YKA	comp=Z,49nm,1.8s,baz=152,slow=33					
YKAW3	Yellowknife Wh	85.03 359	I	I	14 10 13.6	
YKAW3	comp=Z,17nm,1.1s					
PNL	Peninsula	85.06 347	P	P	14 10 13.7	+0.9
TOO	Toonlaing	85.46 231	P	P	14 10 16.6	+1.0
HTY	Haines Junctio	85.74 348	I	I	14 10 18.0	
N31M	Braeburn, Yuko	86.03 349	I	I	14 10 19.0	
EIDS	Eidsvold	86.09 244	P	P	14 10 19.5	+0.6
EIDS	comp=Z,14nm,1.7s					
EIDS	Eidsvold	86.09 244	P	P	14 10 19.8	+0.9
SYO	Syowa Base	86.27 170	eP	P	14 10 18.4	-0.4
SYO	comp=Z,15nm,21.9s,baz=203,slow=30					
MMPY	Sheldon Lake	86.39 351	P	P	14 10 19.4	0.0
SCHQ	Schefferville	86.51 24	P	P	14 10 19.1	-1.0
SCHQ	comp=Z,6.9nm,0.8s,baz=234,slow=4.3,SNR=7.3					
SCHO	comp=Z,253nm,22.0s,baz=229,slow=34					
SCHO	LR					
KDAK	Kodiak Island	86.97 340	LR	LR	14 40 16.4	
KDAK	comp=Z,145nm,20.7s,baz=139,slow=30					
AULRC	Lighting Ridg	86.99 239	P	P	14 10 24.6	+1.4
VRDI	Verde Repeater	87.93 346	I	I	14 10 25.2	
M29M	Somme Creek	87.41 348	I	I	14 10 25.6	
GLB	Gilshina Butte	87.63 345	I	I	14 10 26.2	
DIV	Divide	87.83 344	I	I	14 10 26.9	
CMSA	Cobar Meteorol	87.90 237	P	P	14 10 28.6	+1.1
CMSA	comp=Z,32nm,1.4s					
L29M	L29M	87.96 349	I	I	14 10 28.1	
M27K	Barlow Dome	88.02 347	I	I	14 10 27.3	
K29M	Beaver Creek A	88.63 347	P	P	14 10 29.9	-0.2
BCAR	Sheep Creek Mo	88.82 344	I	I	14 10 36.3	
SCM	Mentasta	88.93 346	P	P	14 10 31.0	-0.5
H1S2	WAKE ISLAND Hy	89.05 290	T	T	15 49 11.6	
H1S2	comp=Z,115,slow=75,SNR=80					
H1S1	WAKE ISLAND Hy	89.06 290	T	T	15 49 09.2	
H1S1	comp=Z,115,slow=75,SNR=80					
H1S3	WAKE ISLAND Hy	89.07 290	T	T	15 49 15.4	
H1S3	comp=Z,115,slow=75,SNR=85					
PMR	Palmer	89.08 343	P	P	14 10 32.3	+0.1
PMR	comp=Z,20nm,1.0s					
GHO	Glory Hole Cre	89.18 344	I	I	14 10 33.4	
PAX	Paxson	89.35 346	I	I	14 10 34.0	
H1N3	WAKE ISLAND Hy	89.38 292	T	T	15 49 32.8	
H1N3	comp=Z,231nm,1.6s					
H1N1	WAKE ISLAND Hy	89.39 292	T	T	15 49 33.1	
H1N1	comp=Z,116,slow=75,SNR=3.0					
H1N2	WAKE ISLAND Hy	89.39 292	T	T	15 49 34.9	
H1N2	comp=Z,116,slow=75,SNR=1.2					
K27K	Chicken	89.55 347	I	I	14 10 35.3	
SPU	Spurr Spurr	89.55 342	I	I	14 12 50.7	
I30M	Mount Dempster	89.61 350	I	I	14 10 35.2	
H31M	Peel River	89.85 351	I	I	14 10 36.3	
N19K	Bonanza Creek	89.97 341	I	I	14 10 36.5	
I29M	Ogilvie Camp	90.06 349	I	I	14 10 36.9	
O16K	Kokwok River B	90.19 339	I	I	14 10 37.9	
N18K	Kilae Creek	90.30 340	I	I	14 10 38.4	
I28M	Miner Creek	90.42 349	I	I	14 10 39.0	
M20K	Styx River	90.42 342	I	I	14 10 39.1	
RNDK	Reindeer	90.53 344	I	I	14 10 39.8	
EPYK	Eagle Plains	90.73 350	I	I	14 10 40.3	
J25K	Salcha River	90.75 346	I	I	14 10 42.2	
STKA	Stephens Creek	90.88 235	P	P	14 10 42.2	+0.7
STKA	comp=Z,93nm,2.7s					
STKA	Stephens Creek	90.88 235	P	P	14 10 41.0	-0.6
STKA	comp=Z,9.1nm,1.0s,baz=117,slow=7.4,SNR=6.8					
STKA	LR					
STKA	Stephens Creek	90.88 235	P	P	14 10 42.8	+1.3
STKA	comp=Z,3.05nm,18.3s,baz=104,slow=32					
STKA	comp=Z,9.1nm,1.0s					

STKA	Stephens Creek	90.88 235	J/P	P	14 10 41.5	0.0
G31M	Satah River	90.90 352	I	I	14 10 42.2	
QLP	Quilpie	91.19 241	P	P	14 10 44.8	+1.7
QLP	comp=Z,52nm,1.9s					
QLP	Quilpie	91.19 241	P	P	14 10 45.1	+2.0
ILAR	Eielson Array	91.22 346	P	P	14 10 41.1	-1.0
ILAR	comp=Z,1.6nm,0.8s,baz=171,slow=4.8,SNR=13					
ILAR	comp=Z,0.4nm,0.8s,baz=322,slow=33,SNR=4.7					
ILAR	PKKPdf					
ILAR	LR					
ILAR	comp=Z,1.75nm,19.5s,baz=100,slow=30					
ILAR	comp=Z,1.6nm,0.8s					
WRH	Wood River Hill	91.25 345	I	I	14 10 43.0	
H27K	Steamboat Moun	91.42 349	I	I	14 10 43.5	
G29M	Pine Creek	91.44 350	I	I	14 10 43.3	
COLA	College	91.53 346	P	P	14 10 44.2	+0.7
COLA	College	91.53 346	d/P	P	14 10 42.6	-0.9
COLA	iPP					
COLA	comp=Z,11nm,1.0s					
COLA	PRP					
F30M	Barrier River	91.75 351	I	I	14 10 44.9	
INIK	Inuvik	92.11 352	LR	LR	14 45 38.7	
INIK	comp=Z,309nm,21.1s,baz=170,slow=31					
HTT	Hallett	92.13 232	P	P	14 10 47.6	+0.2
CTA	Charters Town	92.31 247	LR	LR	14 44 22.5	
F28M	Old Crow	92.38 350	P	P	14 10 46.6	-0.8
FRB	Frisher Bay	92.75 18	LR	LR	14 49 55.4	
KRVT	Keravat (AS076	93.54 264	LR	LR	14 45 54.9	
E22K	Anaktuvuk Pass	95.13 346	I	I	14 11 01.1	
PMG	Port Moresby	95.94 257	LR	LR	14 47 46.6	
D19K	Kuna River	96.88 345	I	I	14 11 10.6	
RES	Resolute Bay	97.84 5	LR	LR	14 52 22.0	
RES	comp=Z,334nm,18.8s,baz=172,slow=34					
ASR	Alice Springs	100.81 239	PKKPbc	PKKPbc	14 27 39.5	-0.1
ASR	comp=Z,0.9nm,0.8s,baz=303,slow=2.0,SNR=8.4					
WRA	Warangula Arr	102.33 242	eP	PKKPbc	14 27 35.2	+0.1
WRA	comp=Z,0.8s,baz=310,slow=2.2,SNR=8.4					
TORD	Tordi Ar. Bea	116.95 86	PKP	PKPpdf	14 16 21.9	-1.2
ESDC	Sonsea Array	117.97 56	PKP	PKPpdf	14 16 24.0	-0.5
ESDC	comp=Z,2.4nm,1.0s,baz=306,slow=3.7,SNR=8.2					
YAK	Yakutsk	122.90 330	PKIKP	PKIKP	14 16 33.5	+0.2
NB2	NORSAR Subarra	125.74 30	PKP	PKPpdf	14 16 38.1	-0.6
NB2	comp=Z,7.6nm,1.1s,baz=289,slow=1.9					
NB2	NORSAR Subarra	125.74 30	PKP	PKPpdf	14 16 38.9	-0.2
NB2	comp=Z,2.5nm,0.9s,baz=297,slow=1.7,SNR=5.4					
BFO	Black Forest	126.91 46	PKIKP	PKIKP	14 16 42.0	+0.2
DAVA	Damuels	128.07 47	PKIKP	PKIKP	14 16 44.3	0.0
RETA	Reutter	128.64 47	PKIKP	PKIKP	14 16 45.4	+0.1
FETA	Feichten	128.68 47	PKIKP	PKIKP	14 16 45.2	-0.3
FETA	comp=Z,19nm,1.0s,SNR=8.0					
MOTA	Moskva	128.89 47	PKIKP	PKIKP	14 16 45.9	-0.1
MOTA	comp=Z,14nm,1.1s,SNR=6.1					
SQTA	Sankt Quirin	128.98 47	PKIKP	PKPpdf	14 16 45.7	+0.3
SQTA	comp=Z,18nm,0.9s,SNR=5.6					
WATA	Waldar	129.21 47	PKIKP	PKIKP	14 16 46.6	0.0
WATA	comp=Z,6.8nm,0.5s					
WTTA	Wattenberg	129.26 47	PKIKP	PKPpdf	14 16 46.2	+0.2
WTTA	comp=Z,20nm,1.2s,SNR=5.5					
NKC						

az=81.0
IDC 06 14:53:05.6.1.9, 18.93N:145.48E, h221km, 19km,
mb3.9/15, mbtmp4.0/18, Error ellipse: s-maj=24.0km
s-min=11.2km az=84.0

ISC 06 14:53:05.6.0.6, 18.94N:145.5E:0.1, h214km, n47,
e=117/47, mb3.8/24, Mariana Islands

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

FTIG eS Sn 14 57 51.6 -3.0

KRSC 06 15:00:25.5.1.4, 48.66N:156.06E, h16km, 18km, M1.4
IDC 06 15:00:29.0.3.0, 48.66N:154.96E, h86km, 29km, mb3.2/6,
mbtmp3.7/12, MS2.5/1, Error ellipse: s-maj=30.1km
s-min=18.2km az=144.0

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

PB06 IZOP Station P 1.91 191 i P Sn 15 01 12.9 -0.5

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

IDC 06 15:22:26.9.1.7, 22.84S:179.07W, h0km, mb3.7/4,
mbtmp3.7/4, Error ellipse: s-maj=47.5km s-min=39.0km
az=81.0, South of Fiji Islands

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

6d 15h

Table with columns: WRA, GSPA, ILAR, UCR, CATAC, ISC. Contains station names, coordinates, and time/phase data.

ISC 06 15:29:49.4 ± 1.8, 10.88N; 0.05:85.24W ± 0.06, h151km, 1.0km, m4, 0.70/101, 42C-2D, Costa Rica

Main station list table with columns: Code, Station Name, A, Z, Op, Phase, ISC, Time, Res. Lists various stations like PEJAJ, BUAI, CLARA, etc.

BUI 06 15:34:41.4, 33.76N; 136.82E, h371km, mB5.1/36, mB5.3/90
JMA 06 15:34:42.8 ± 0.2, 34°N ± 1.36°E; 0.9, h389km ± 1km, M5.3/40, MW5.2/40, SE OFF KII PENINSULA

2020 AUG

822.43551°, 171.60489°. Principal axes: T 6.2621, Plg43.8669°, Azm53.3567°; N 0.4804, Plg22.1822°, Azm166.4304°; P -6.7424, Plg37.8928°, Azm274.9318°;
NEIC 06 15:34:44.2 ± 1.1, 33.75N; 0.07:136.78E ± 0.07, h376km, 4km, mB5.2/663, MW5.2/26 Error ellipse: s-maj=9.8km s-min=8.5km az=170.0

CMGT 06 15:34:46.2 ± 0.3, 33.65N; 0.03:136.57E ± 0.04, h378km, 2km, MW5.2/70, Moment Tensor Solution. s70, t0100; Duration: 1s0 Moment tensor: Scale 1016Nm; Mm0.745; 2.25; Mm1.64; 34; Mm2-2.38; 33; Mm1.68; 34; Mm2-4.5; 30; Mm3-8.33; 29. Best double couple: M2.07300; 1016; M1.64; 34; M3-6.0000; 32.0; 0.0000°; 1.71, 0.0000°. NP2=168.0000°; 87.0000°; 1.70, 0.0000°. Principal axes: T 8.8020, Plg45.0000°, Azm58.0000°; N 0.5570, Plg20.0000°, Azm169.0000°; P -9.3560, Plg39.0000°, Azm276.0000°; nst1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 06 15:34:43.9 ± 0.3, 33.74N; 0.03:136.80E ± 0.03, h377km, 2km, h377km; pp-P, N1102, 0.1916/938, mB5.1/489, 23C-48D, Near south coast of western Honshu

Main station list table for the 2020 AUG section with columns: Code, Station Name, A, Z, Op, Phase, ISC, Time, Res. Lists stations like TOTO1, TOTO2, TOTO3, etc.

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Main station list table for the 352 section with columns: Code, Station Name, A, Z, Op, Phase, ISC, Time, Res. Lists stations like TATJ, JTT, JHUZ, MAJO, etc.

JOW	Kunigami	10.08 229	P	P	15 37 03.7 +0.5
JOW	comp-Z,201nm,0.6s,baz=28,slow=7.9,SNR=95				15 38 55.5 -1.3
JOW	Kunigami	10.08 229	P	P	15 37 03.4 +0.2
JOW	comp-Z,25nm,1.0s,baz=229,slow=27,SNR=6.3				15 37 03.7 +0.5
USA0B	Ussuriysk Arra	11.09 342	P	Pn	15 37 14.7 +0.3
USA0B	Ussuriysk Arra	11.09 342	P	P	15 37 14.3 -0.1
USRK	Ussuriysk Ar.	11.09 342	P	P	15 37 14.2 +0.2
USRK	comp-Z,142nm,0.7s,baz=154,slow=11,SNR=273				15 37 13.9 -0.1
ASAJ	Asahikawa	11.29 22	P	P	15 37 16.1 -0.3
ASAJ	comp-Z,171nm,0.6s,baz=231,slow=11,SNR=216				15 39 18.6 -3.3
JKA	Kamikawa-asahi	11.29 22	P	P	15 37 16.0 -0.3
JKA	Kamikawa-asahi	11.29 22	P	Pn	15 37 17.2 +0.4
NMR	Nemuro-Hokkai	11.87 33	eP	P	15 37 23.1 +0.4
MDJ	Mudanjiang	12.21 335	P	Pn	15 37 27.1 -0.4
MDJ	comp-Z,15nm,1.1s				15 37 28.3 +0.8
MDJ	Mudanjiang	12.21 335	P	Pn	15 37 26.1 -0.3
RUSJ	Misakichio	12.25 30	eP	Pn	15 37 28.8 +0.8
RUSJ	Yuzh-Kuril'sk	12.46 32c	iP	Pn	15 39 40.1 -1.8
YUK	Yuzh-Kuril'sk	12.46 32c	iP	Pn	15 37 30.9 +0.5
YUK	comp-Z,801nm,0.6s				15 39 43.6 -2.5
YUK	comp-N,397nm,0.7s				
YUK	comp-E,232nm,0.6s				
DL2	Dalian	13.27 297	P	P	15 37 38.7 +0.5
DL2	DL2		P	S	15 40 05.1 +2.5
DL2	DL2		P	ScS	15 49 08.8 -2.2
DL2	comp-E,280nm,0.8s				
CN2	Changchun	13.38 322	P	Pn	15 37 40.3 -0.9
CN2	comp-E,30nm,1.1s				15 40 02.3 -2.3
JMJ	Miyako jima 2	13.41 231	P	P	15 37 40.6 +0.7
SSE	Sheshan	13.45 263	P	P	15 37 39.9 -0.4
SSE	comp-E,29nm,1.0s				15 40 04.5 -1.9
SSE	comp-E,190nm,4.9s				
SSE	comp-E,240nm,5.7s				
SSE	comp-E,260nm,5.1s				
YSS	Yuzhno-Sakhali	13.95 17	P	P	15 37 46.7 -1.0
YSS	Yuzhno-Sakhali	13.95 17	P	P	15 40 18.3 +2.4
YSS	Yuzhno-Sakhali	13.95 17eS	P	Pn	15 37 46.9 -0.8
YSS	comp-Z,2µm,0.6s				15 40 15.6 -0.3
YSS	comp-N,800nm,6.5s				
YSS	comp-E,1µm,9.8s				
YSS	comp-E,210nm,1.3s				
YSS	Yuzhno-Sakhali	13.95 17	P	P	15 37 45.4 -0.1
YSS	Yuzhno-Sakhali	13.95 17	P	Pn	15 37 47.0 -0.8
BNX	BinXian	13.98 332	iP	P	15 37 46.1 +0.2
BNX	comp-Z,64nm,0.8s				15 40 15.3 -1.3
KUR	Kuril'sk	14.29 33	eP	P	15 37 50.2 +1.0
KUR	comp-Z,2µm,3.4s				15 40 29.1 +6.3
KUR	comp-Z,332nm,0.8s				
KUR	comp-N,209nm,0.7s				
KUR	comp-E,159nm,0.8s				
KUR	comp-E,5µm,5.3s				
KUR	comp-N,3µm,4.1s				
KUR	comp-E,269nm,0.9s				
NJ2	Nanjing	15.17 269	iP	P	15 37 59.2 +0.1
NJ2	comp-N,1µm,0.9s				15 40 42.1 +1.3
NJ2	comp-N,1µm,0.9s				15 45 38.7 +1.1
YOJ	Yonaguni jima	15.18 236	P	P	15 37 58.9 -0.3
YOJ	comp-E,269nm,0.8s				15 37 58.4 -0.9
UGL	Ulgorsk	15.81 13j	eP	Pn	15 38 07.7 -1.3
UGL	comp-Z,1µm,1.1s				15 40 51.7 -1.4
UGL	comp-Z,748nm,0.9s				
UGL	comp-N,243nm,0.8s				
UGL	comp-E,589nm,0.9s				
UGL	comp-N,1µm,1.1s				
KLR	Kul'dur	15.92 348	P	P	15 38 06.1 -0.9
KLR	comp-E,33nm,0.7s,baz=160,slow=9.3,SNR=92				15 45 39.0 +0.3
KLR	comp-E,7.1nm,0.9s,baz=219,slow=1.3,SNR=87				15 38 06.2 -0.8
TATO	Taipei	15.94 241	P	P	15 38 08.0 +0.5
TATO	Taipei	15.94 241	P	P	15 38 08.0 +0.5
TATO	Taipei	15.94 241	P	P	15 40 53.3 -2.8
TATO	Taipei	15.94 241	P	P	15 38 07.2 -0.3
TATO	Taipei	15.94 241	P	P	15 38 08.0 +0.5
YHNB	Yeheng	16.20 240	P	P	15 38 10.9 +0.5
YHNB	Yeheng	16.20 240	P	P	15 38 09.8 -0.6
YHNB	Yeheng	16.20 240	P	P	15 38 10.2 -0.3
TIA	Tai'an	16.32 284	P	P	15 38 11.6 +0.2
TIA	comp-Z,300nm,0.9s				15 41 03.7 +0.4
TIA	comp-Z,1µm,3.5s				
TIA	comp-Z,240nm,4.7s				
TIA	comp-Z,410nm,7.6s				
NACB	Ninganchiao	16.35 238	P	P	15 38 12.2 +0.3
NACB	Ninganchiao	16.35 238	P	P	15 38 10.1 -1.8
NACB	Ninganchiao	16.35 238	P	P	15 38 10.8 -1.2
SSLB	Suanguang	17.05 239	P	P	15 38 19.5 0.0
SSLB	Suanguang	17.05 239	P	P	15 38 17.0 -2.4
SSLB	Suanguang	17.05 239	P	P	15 38 17.9 -1.5
YULB	Yu-hi	17.06 237	P	P	15 38 18.5 -1.0
YULB	Yu-li	17.06 237	P	P	15 38 17.5 -2.1
YULB	Yu-li	17.06 237	P	P	15 38 17.9 -1.6
TWGBT	Teinan	17.59 236	P	P	15 38 25.7 +0.6
TPUB	Ta-pu	17.59 238	P	P	15 38 24.8 -0.4
TPUB	Ta-pu	17.59 238	P	P	15 38 23.5 -1.6
TPUB	Ta-pu	17.59 238	P	P	15 38 24.0 -1.1
TWG	Pinliang	17.59 236	P	P	15 38 24.2 -1.0
TWG	comp-Z,343nm,1.4s				

BJ12	Beijing	17.64 297	P	P	15 38 24.9 -0.5
BJ12	comp-Z,130nm,0.8s				15 41 25.7 -3.4
BJ12	comp-Z,600nm,3.5s				15 49 22.4 -0.4
BJ12	comp-Z,220nm,12.3s				
BJ12	comp-Z,240nm,13.0s				
TYV	Tymovskoe	17.64 12	eP	P	15 38 26.6 +1.3
TYV	comp-Z,107nm,1.0s				15 41 30.2 +1.5
TYV	comp-Z,300nm,4.7s				
TYV	comp-N,1µm,4.4s				
TYV	comp-E,800nm,4.4s				
TYV	comp-N,49nm,1.7s				
BJT	Bajitatau	17.64 297	P	P	15 38 26.9 +1.4
BJT	Bajitatau	17.64 297	P	P	15 38 24.7 +0.7
BJT	Bajitatau	17.64 297	P	P	15 38 24.7 -0.7
HEH	Heihe	17.89 340	eP	P	15 38 27.3 -0.6
HEH	comp-E,32nm,0.6s				15 41 29.2 -4.4
HEH	comp-E,32nm,0.6s				15 45 43.0 +0.3
HEH	comp-E,32nm,0.6s				15 49 23.8 +0.6
QZH2	Quanzhou	18.11 246	iP	P	15 38 28.9 -1.7
QZH2	comp-E,300nm,1.1s				15 41 34.4 -4.0
QZH2	comp-E,250nm,3.2s				
HNS	HongShan	18.33 288	iP	P	15 38 31.7 -1.2
HNS	comp-E,250nm,0.8s				15 41 40.9 +1.5
HNS	comp-E,330nm,14.7s				15 45 45.4 +1.5
HNS	comp-E,390nm,13.9s				15 49 24.2 -0.5
HNS	comp-E,440nm,15.3s				
KNMB	Chin-men Tao	18.53 245	P	P	15 38 33.4 -1.7
KNMB	Chin-men Tao	18.53 245	P	P	15 38 34.0 -1.2
XLT	XILinHaoTe	19.02 308	eP	P	15 38 38.0 -2.1
XLT	comp-Z,58nm,0.7s				15 41 49.6 -5.3
XLT	comp-Z,380nm,3.6s				
XLT	comp-Z,290nm,14.2s				
WHN	Wuhan	19.27 267	iP	P	15 38 42.7 -0.1
WHN	comp-N,1µm,4.7s				15 40 26.9 +1.8
WHN	comp-N,44nm,0.5s,baz=130,slow=12,SNR=59				15 41 59.5 +0.4
WHN	comp-N,5.6nm,0.7s,baz=108,slow=12,SNR=4.1				15 45 47.6 +1.5
WHN	comp-N,3.6nm,0.6s,baz=90,slow=1.5,SNR=4.5				15 49 29.8 +1.4
NKL	Nikolayevsk	19.60 7	eP	P	15 38 44.9 -0.8
NKL	comp-N,503nm,0.9s				15 42 05.5 +1.6
NKL	comp-E,294nm,0.8s				
NKL	comp-Z,1µm,0.8s				
NKL	comp-E,357nm,2.1s				
NKL	comp-N,587nm,1.7s				
HIA	Hailar	20.02 326	P	P	15 38 49.9 0.0
HIA	Hailar	20.02 326	P	P	15 38 48.3 -1.6
HIA	Hailar	20.02 326	P	P	15 38 48.3 -1.6
LYN	LuoYang	20.15 279	iP	P	15 38 49.9 -1.3
LYN	comp-N,1µm,4.7s				15 42 10.8 -2.5
LYN	comp-N,44nm,0.5s,baz=130,slow=12,SNR=59				15 45 48.0 -0.1
LYN	comp-N,3.6nm,0.6s,baz=90,slow=1.5,SNR=4.5				15 49 31.1 -0.2
LYN	comp-N,200nm,1.0s				
HILR	Hailar Array B	20.22 326	P	P	15 38 51.0 -0.8
HILR	comp-N,5.6nm,0.7s,baz=108,slow=12,SNR=4.1				15 42 18.9 +4.7
HILR	comp-N,3.6nm,0.6s,baz=90,slow=1.5,SNR=4.5				15 45 48.2 +0.2
ZEA	Zeya	21.11 344	eP	P	15 39 00.9 +1.3
ZEA	comp-E,10.0nm,0.5s				15 42 25.8 -2.6
ZEA	comp-N,20nm,0.8s				
ZEA	comp-Z,90nm,0.7s				
ZEA	comp-N,400nm,4.1s				
CNSH	ChangSha	21.19 261	P	P	15 39 00.9 +0.2
CNSH	comp-E,27nm,0.7s				15 42 32.8 +2.5
CNSH	comp-E,340nm,3.8s				
CNSH	comp-E,380nm,6.3s				
CNSH	comp-E,350nm,10.6s				
HHC	Hu-ho-hao-te	21.25 297	iP	P	15 39 01.4 +0.2
HHC	comp-E,170nm,1.5s				15 40 48.2 +1.4
HHC	comp-E,170nm,1.5s				15 42 29.1 -2.2
GUMO	Guam	21.36 158	P	P	15 39 02.8 +0.4
GUMO	comp-E,209nm,0.9s,baz=202,slow=5.7,SNR=12				
GUMO	comp-N,1µm,4.7s				15 39 03.3 +0.9
GUMO	comp-N,44nm,0.5s,baz=130,slow=12,SNR=59				15 39 01.8 -0.6
GUMO	comp-N,3.6nm,0.6s,baz=90,slow=1.5,SNR=4.5				15 39 03.3 +0.9
SZP	Santa	21.79 226	P	P	15 39 07.1 +0.8
SKR	Severo-Kuril's	22.05 34	eP	P	15 39 08.0 -0.3
SKR	comp-Z,1µm,3.6s				
SKR	comp-Z,590nm,0.9s				
SKR	comp-Z,200nm,15.0s				
BT02	Baotou	22.49 296	eP	P	15 39 12.8 +0.2
BT02	comp-Z,140nm,0.7s				15 41 05.9 +1.0
BT02	comp-Z,2µm,4.5s				15 42 55.1 +3.9
BT02	comp-Z,570nm,6.0s				
BT02	comp-Z,810nm,10.6s				
BT02	comp-Z,1µm,13.5s				
HKPS	Hong Kong Po S	22.98 246	P	P	15 39 17.9 +0.8
HKPS	Hong Kong Po S	22.98 246	P	P	15 39 16.5 -0.6
HKPS	comp-Z,86nm,1.0s				15 39 19.7
HKPS	Hong Kong Po S	22.98 246	P	P	15 39 17.1 +0.1

XAN	Xi'an	23.12 279
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6d 16h

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like Petropavlovsk, MA2, KSH2, etc.

2020 AUG

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like Apatity, Kuvda, VRR, etc.

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Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like Tasuluk, Karlovasi Samo, Karpathos, etc.

BER 06 15:42:55.9, 1.6, 67.42N, 34.10E, h0km, Suspected explosion
KOLA 06 15:42:56.0, 0.4, 67.65N, 0.02, 34.04E, 0.05, h0km, M2.5(MOS). The earthquakes of Russia in 2020. Obninsk,

JMA 06 16:11:11.0, 0.2, 25.12N, 2.122E, 0.7, h24km, 3km, MV2.3/1.1, NW OFF ISHIGAKIUMA IS
TAP 06 16:11:11.0, 24.54N, 122.51E, h12km, ML2.8, D
ISC 06 16:11:10.8, 1.0, 24.55N, 0.02, 122.53E, 0.02, h18km, 3km, n83, 0.60/165, 1-C, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like EoS2, EoS3, EoS4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YHNB, NNS, YM08, NSK, etc.

IDC 06 16:17:36.0+1.4, 11.222N, 142.90E, h0km, mb3.3k, mbtmp3.3/4, ML3.3/1, Error ellipse: s-maj=52.1km, s-min=23.2km az=111.0, South of Mariana Islands

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

TAP 06 16:22:28.9, 22.40N, 121.48E, h102km, ML3.5, 9C-7D, C, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LDUT, LAY, LYUB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECS, TSEB, Hengchuen, Pin, etc.

IDC 06 16:25:13.0, 22.25N, 121.51E, h10km, 2km, ML2.7, 8 ISC 06 16:25:12.0, 9, 22.25N, 121.59E, 0.04, h18km, 8km, n38, r104/53, 2C-1D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAY, LYUB, TTN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FUSS, TDCB, WCHI, etc.

JMA 06 16:25:11.8, 0.2, 22.3N, 121.7E, 0.6, h14km, MV2.9/12, TAIWAN REGION

TAP 06 16:25:13.0, 22.25N, 121.51E, h10km, 2km, ML2.7, 8 ISC 06 16:25:12.0, 9, 22.25N, 121.59E, 0.04, h18km, 8km, n38, r104/53, 2C-1D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAY, LYUB, TTN, etc.

IDC 06 16:41:05.2, 9.6, 27.75N, 128.30E, h0km, mb3.74, mbtmp3.7/4, Error ellipse: s-maj=219.6km s-min=142.8km az=11.0

JMA 06 16:41:08.8, 0.2, 26.7N, 127.8E, 0.7, h46km, 2km, MV3.2/1, NEAR OKINAWAJIMA ISLAND

JMA Felt J1 at NEAR OKINAWAJIMA ISLAND. ISC 06 16:41:07.7, 0.9, 26.60N, 127.83E, 0.04, h58km, 6km, n19, r110/32, mb3.6/4, Ryukyu Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for JOW Kunigami, JAGN Aguni-jima, JYRO Yoronjima, etc.

ICD 06 16:45:45.1.1.8.9.00S.124.10E.h0km.mb3.5/1, mbmp3.6/4, MS2.7/1, Error ellipse: s-maj=44.9km s-min=21.3km az=88.0, Timor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

HEL 06 17:00:10.9.0.3.67.00N:20.64E.h0km, ML1.9, Explosion UPP 06 17:00:12.5.0.1.67.05N:20.97E.h0km, ML1.9, Suspected explosion

ICD 06 17:00:13.9.1.0.67.08N:21.27E.h0km, mbmp2.7/4, ML1.8/4, Error ellipse: s-maj=17.5km s-min=8.4km az=109.0

ISC 06 17:00:12.8.0.8.67.09N.0.02.20.97E.0.02.h0km,n42, c128/60, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for DUNU Dundret, MASU Masugnabyrn, KUA Kurraavaara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for VAF Ylistaro, FINES FINES Array B, WRA Warramunga Arr, etc.

ICD 06 17:16:00.5.2.7.9.84N.137.73E.h0km, mb3.6/4, mbmp3.6/4, MS2.7/1, Error ellipse: s-maj=313.8km s-min=26.8km az=104.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

ICD 06 17:19:36.6.2.8.34.11S:178.80W.h0km, mb3.8/2, mbmp3.8/3, ML3.9/1, Error ellipse: s-maj=68.3km s-min=36.5km az=121.0

NEIC 06 17:19:37.3.1.2.34.2S:0.1x178.6W:0.1, h10km,2km, mb4.3/8, Error ellipse: s-maj=21.4km s-min=18.7km az=120.0

ISC 06 17:19:41.1.1.0.34.2S:0.1x178.6W:0.1, h37km, n17, c150/19, mb4.1/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for URZ Urewera, WRA Warramunga Arr, WRA Warramunga Arr, etc.

DJA 06 17:49:08.2.0.5.1.N:3.12'E:1, h10km, M3.8/15, mb3.9/1, ML3.7/15, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for APSI Ampaña, APSI Palu, LUWI Luwuk, etc.

MAN 06 18:13:47.0.11.82N:126.14E, h7km, MS3.6 ICD 06 18:13:54.0.2.3.10.84N:125.27E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=232.0km s-min=19.1km az=65.0

ISC 06 18:13:53.1.1.0.11.52N:0.0'06.125.90E:0.06, h10km, n17, c247/25, mb3.8/6, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for PLO Palo, MSLP Maasin, LBP Labi-Lapu, etc.

ASAR Alice Springs 35.84 167 P 18 20 51.7 -1.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for STKA Stephens Creek, MKAR Makanchi Array, etc.

ICD 06 18:54:40.1.8.7.7.87S:146.35E, h0km, mb3.5/1, mbmp3.1/3, ML2.9/2, Error ellipse: s-maj=274.2km s-min=39.0km az=105.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for ASAR Alice Springs, MKAR Makanchi Array.

BER 06 19:20:36.2.3.1.81.71N:3.74W, h10km, Mw3.7, ML3.1(NAO), Confirmed Earthquake

DNK 06 19:20:36.4.2.4.81.58N:3.09W, h18km, 24km, ML2.2, Presumed earthquake

FCIAR 06 19:20:37.0.81.69N:3.78W, h10km, station AEGC has station magnitude of 3.50

KOLA 06 19:20:38.9.81.69N:2.15W, h0km, ML1.4, Arctic Ocean, Knipovich ridge, north

ISC 06 19:20:32.4.1.0.81.65N.0.09.3.82W.0.05, h10km, n29, c298/50, North of Svalbard

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for NOR Nord, KBS Kingsbay, SPA0 Spitsbergen Arr, etc.

ICD 06 20:05:17.3.0.8.4.24S:131.36E, h0km, mb3.8/9, mbmp3.9/15, ML3.9/5, MS3.3/6, Error ellipse: s-maj=27.2km s-min=15.4km az=75.0

NEIC 06 20:05:19.4.2.1.4.10S:0.06.131.45E:0.06, h10km, 1km, mb4.3/19, Error ellipse: s-maj=11.6km s-min=9.6km az=127.0

DJA 06 20:05:22.7.0.2.4.S:1.13'2"E, h85km, 5km, M4.3/23, mB5.0/5, mb4.5/13, ML4.2/23, Mw(mB)4.3/5

ISC 06 20:05:20.9.0.5.4.09S:0.04.131.49E.0.04, h29km, n59, c220/60, mb4.0/15, MS3.4/5, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for FAKI Fak Fak, BNDI Bandanaira, SIJI Sorong, etc.

HATOM comp=N,15nm,1.1s IAML 21 15 19.9

ISC 06 21:55:37.6,2.8,34.52N,46.06E,h25km,ML3.6,

Presumed earthquake

TEH 06 21:55:38.5,34.52N,46.05E,h8km,37km,ML3.5,

Presumed earthquake

ISC 06 21:55:38.0,3.3441N,0.0446E,15E,0.05,h10km,n33,

r193/39,Western Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like Dehrahsh, Ghaleghazi, Chestim Sefid, etc.

KOLA 06 22:15:34.2,67.64N,33.88E,h0km,ML1.3, Error ellipse: s-maj=3.2km s-min=1.3km az=150.0, Khibiny, mines

HEL 06 22:15:37.2,0.2,67.56N,33.50E,h0km,ML1.2, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like Apatity, Lovozero, Kowda, etc.

HEL 06 22:15:49.7,0.4,67.17N,20.54E,h0km,ML1.4, Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like Salfoluokta, Ertujaerv, Lannavaara, etc.

BUJ 06 22:17:28.0,28.20N,56.44E,h16km,mb5.0/5,mb4.8/50, Ms4.2/9, Ms7.4/0.10

NEIC 06 22:17:31.3,1.3,28.12N,0.0756E,0.08,h10km,1km, mb4.7/197, Error ellipse: s-maj=13.0km s-min=10.5km az=120.0

THR 06 22:17:32.1,0.0,28.04N,56.95E,h10km,9km,ML4.7, Presumed earthquake

TEH 06 22:17:32.3,28.07N,56.83E,h14km,29km,ML4.9, Presumed earthquake

OMAN 06 22:17:33.0,0.4,27.97N,57.17E,h10km,mb4.6/11, mH4.7/19, Error ellipse: s-maj=8.2km s-min=6.8km az=293.0

MOS 06 22:17:33.0,0.9,28.15N,56.75E,h37km,mb5.0/62, Error ellipse: s-maj=4.8km s-min=3.5km az=94.0

GFZ 06 22:17:33.4,0.3,28.15N,56.75E,h10km,M4.7/21, mb4.9/21

IDC 06 22:17:37.5,3.4,28.16N,56.79E,h57km,31km,mb4.4/39, mbmp4.6/44,ML4.2/5,MS3.9/21, Error ellipse: s-maj=12.2km s-min=8.7km az=162.0

BGR 06 22:17:40.9,27.75N,55.21E,h33km,mb4.7,Ms4.1, ISC 06 22:17:30.9,0.4,28.04N,0.0256E,57E,0.03,h11km,2km, h11km:P-P,n787,r1934/823,mb4.8/297,MS4.0/28, 20C-19D,Southern Iran

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like Bandar-abas, Bandar-Abbas, Kahnuj, etc.

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like Chuyangaron, Niore, Gevas, etc.

6H 22h

CHVD	comp=Z,48nm,1.2s	I	Amb	I	Amb	22 25 04.7
ANWB	Willie Bob	35.59	22	P	P	22 24 59.5 -3.0
ANWB	Willie Bob	35.59	22	P	P	22 24 58.6 -3.9
	comp=Z,5umcomp=Z,47.5nm,0.7s					
PETF	Flores	35.72	335	P	P	22 25 03.0 -0.7
NMDO	Nuevo Mundo	36.09	360	P	P	22 25 04.8 -1.9
GRTK	Grand Turk	37.20	6	P	P	22 25 16.2 -0.1
	comp=Z,2umcomp=Z,169nm,0.8s					
GRTK	Grand Turk	37.20	6	P	P	22 25 16.7 +0.4
	comp=Z,1.171nm,0.8s					
TEIG	Tepich	38.15	339	P	P	22 25 24.1 -0.2
TEIG	Tepich	38.15	339	P	P	22 25 25.2 +0.9
TEIG	Tepich	38.15	339	P	P	22 25 25.1 +0.9
	comp=Z,1.76nm,0.8s					
TEIG	Tepich	38.15	339	P	P	22 25 24.1 -0.2
TEIG	Tepich			pP	pP	22 25 37.1 +0.8
TEIG	Tepich			pP	pP	22 27 39.8 +1.2
MG03	Isia Dawson	38.16	176	I	Amb	22 25 23.1 -0.9
MG03	Soroa			I	Amb	22 25 27.7
	comp=Z,49nm,0.9s					
CMIG	Matias Romero	38.20	328	LR	LR	22 39 43.5
	comp=Z,668nm,20.9s					
	comp=Z,144,slow=34					
EFI	East Falkland	38.24	163	P	P	22 25 23.4 -1.3
EFI	Soroa			pmax	pmax	
	comp=Z,1.19nm,1.0s					
EFI	East Falkland	38.24	163	P	P	22 25 23.3 -1.3
CAIB	Caibarien	38.29	353	I	Amb	22 25 25.8 +0.3
	comp=Z,52nm,0.8s					
CAMR	Camariaca	39.12	350	P	P	22 25 32.5 +0.2
SOR	Soroa	39.15	348	P	P	22 25 31.5 -1.2
	comp=Z,33nm,1.1s					
SOR	Soroa	39.15	348	P	P	22 25 31.5 -1.2
SOR	Soroa	39.15	348	P	P	22 25 32.1 -0.5
	comp=Z,46nm,1.6s					
RCBR	Riachuelo	39.35	80	LR	LR	22 42 58.6
	comp=Z,1.1um,19.9s,baz=254,slow=36					
TLIG	Tlapia	40.59	324	P	P	22 25 44.1 -0.7
060A	Indiantown	42.88	353	P	P	22 26 02.0 -1.2
MOIG	Morrelia	43.77	323	I	Amb	22 26 09.8 -1.1
MOIG	Soroa			I	Amb	22 26 14.8
	comp=Z,56nm,0.8s					
DWPF	Disney Wildern	44.08	352	P	P	22 26 12.2 -0.7
656A	Williston	45.48	350	I	Amb	22 26 24.0 -0.1
656A	Williston	45.48	350	I	Amb	22 26 25.5
	comp=Z,77nm,0.8s					
553A	Crawfordville	46.62	348	P	P	22 26 33.6 +0.6
456A	Hilliard	46.74	351	P	P	22 26 34.3 +0.3
ZAIG	Zacatecas	46.98	324	P	P	22 26 36.5 +0.2
ZAIG	Zacatecas	46.98	324	P	P	22 26 38.4 +2.1
	comp=Z,44nm,1.1s					
451A	Vernon	47.30	347	P	P	22 26 38.0 -0.4
TIGA	Tifton	47.48	350	I	Amb	22 26 40.2 -1.1
TIGA	Tifton	47.48	350	I	Amb	22 26 44.0
	comp=Z,47nm,1.0s					
352A	Blakely	47.97	348	P	P	22 26 43.0 -0.5
BRAL	Brewton	48.13	346	P	P	22 26 43.9 -0.8
HBYL	Hebronville	48.49	331	P	P	22 26 48.0 +0.4
KVXT	Kingsville	48.54	332	P	P	22 26 48.4 +0.3
KVXT	Kingsville	48.54	332	P	P	22 26 50.6 +2.6
	comp=Z,258nm,1.1s					
HOPE	Hope Point	48.56	151	P	P	22 26 48.0 +0.2
	comp=Z,1.167nm,1.2s					
HOPE	Hope Point	48.56	151	P	P	22 26 48.0 +0.2
RGRS	Roger Stewart	48.67	354	P	P	22 26 49.1 +0.3
250A	Grady	48.73	347	P	P	22 26 48.8 -0.5
CSU	Charleston Sou	48.73	354	P	P	22 26 49.7 +0.4
154A	Montrose	48.75	351	P	P	22 26 48.9 -0.6
BBSR	BB Station	48.81	11	P	P	22 26 50.0 +0.1
BBSR	BB Station	48.81	11	P	P	22 26 51.2
	comp=Z,38nm,1.2s					
NHSC	New Hope	48.86	354	P	P	22 26 50.0 -0.3
346A	Big Creek Wild	48.96	343	I	Amb	22 26 51.1
346A	Big Creek Wild	48.96	343	I	Amb	22 26 51.8
	comp=Z,44nm,0.9s					
152A	Waverly Hall	49.09	349	P	LR	22 26 51.0 -1.1
PMSA	Palmer Station	49.51	174	LR	LR	22 45 07.9
	comp=Z,252nm,20.6s					
441A	DeRidder	49.52	339	P	P	22 26 56.0 +0.6
Y60A	Bolivia	49.59	356	P	P	22 26 56.0 +0.1
GOGA	Godfrey	49.59	350	P	P	22 26 55.2 -0.7
GOGA	Godfrey	49.59	350	P	P	22 26 55.2 -0.7
	comp=Z,57nm,0.9s					
GOGA	Godfrey	49.59	350	P	P	22 26 55.2 -0.7
	comp=Z,9nm,0.9s					
GOGA	Godfrey	49.59	350	P	P	22 26 55.4 -0.6
Y58A	Scranton	49.60	355	P	P	22 26 55.6 -0.4
735A	Kenedy	49.64	333	P	P	22 26 56.6 +0.3
HKT	Hockley	49.78	336	P	P	22 26 57.0 -0.3
	comp=Z,1.145nm,1.8s					
HKT	Hockley	49.78	336	P	P	22 26 57.0 -0.3
HKT	Hockley	49.78	336	P	P	22 26 58.3 +1.0
	comp=Z,48nm,2.0s					
HKT	Hockley	49.78	336	P	P	22 26 58.3 +1.0
HKT	Hockley	49.78	336	pP	pP	22 27 11.5 +0.7
Y57A	Sumter	49.78	354	P	P	22 26 57.2 -0.2
EF02	Christine	49.88	332	P	P	22 26 58.2 0.0
833A	Chaparral WMA	49.89	331	P	P	22 26 58.6 +0.3
LRAL	Lakeview Retre	49.91	347	I	Amb	22 26 57.3 -1.0
LRAL	Lakeview Retre	49.91	347	I	Amb	22 26 59.5
	comp=Z,63nm,0.9s					
EF04	Eagle Ford 04	49.94	333	P	P	22 26 59.0 +0.4
VBMS	Vicksburg	50.04	343	P	P	22 26 58.5 -0.8
MLDN	Muldoo	50.13	335	I	Amb	22 27 00.9 +0.8
Y52A	Libour	50.13	350	I	Amb	22 27 01.0
	comp=Z,50nm,0.7s					
HODGE	Hodges	50.22	352	P	P	22 27 00.1 -0.5
X58A	Rowland	50.22	355	P	P	22 27 00.2 -0.5
BIRD	Birtown, Kers	50.41	354	P	P	22 27 01.6 -0.5
143A	Soos Landing	50.57	341	P	P	22 27 04.1 -0.6
W59A	Clinton	50.76	356	P	P	22 27 04.7 0.0
HND0	Hondo	50.87	332	P	P	22 27 05.9 +0.2
NATX	Nacogdoches	50.96	338	P	P	22 27 06.1 -0.2
BG3	Lake Jocassee	51.06	351	I	Amb	22 27 08.6
	comp=Z,57nm,0.8s					
FPAL	Fort Paine	51.07	348	I	Amb	22 27 08.0
	comp=Z,54nm,0.8s					
435B	Jarrell	51.22	335	I	Amb	22 27 10.5
X48A	Hartselle	51.28	347	I	Amb	22 27 09.5
	comp=Z,47nm,0.8s					
V61A	Roper	51.29	358	P	P	22 27 08.5 -0.3
Y45A	Yeager Farm, C	51.32	344	I	Amb	22 27 08.9 -0.1
Y45A	Yeager Farm, C	51.32	344	I	Amb	22 27 09.9
	comp=Z,54nm,0.8s					
V58A	Windy Hill, Pi	51.43	355	P	P	22 27 09.2 -0.6
V58A	Windy Hill, Pi	51.43	355	P	P	22 27 10.6
	comp=Z,40nm,0.7s					
W50A	Signal Mountain	51.66	349	P	P	22 27 10.5 -1.1
V55A	Taylorville	51.69	353	I	Amb	22 27 11.6 -0.1
V55A	Taylorville	51.69	353	I	Amb	22 27 14.0
	comp=Z,48nm,0.8s					
Z41A	Richland Creek	51.70	341	P	P	22 27 11.9 +0.1
Z41A	Richland Creek	51.70	341	I	Amb	22 27 14.1
	comp=Z,54nm,0.8s					
V53A	Saluda	51.71	352	I	Amb	22 27 13.1
	comp=Z,41nm,0.7s					
CPCT	Cooper Cave	51.76	350	I	Amb	22 27 13.3
	comp=Z,53nm,0.8s					
TKL	Tuckaleechee C	51.84	351	LR	LR	22 51 51.5
	comp=Z,902nm,18.9s					
TKL	Tuckaleechee C	51.84	351	I	Amb	22 27 13.8
	comp=Z,36nm,0.8s					
JCT	Junction City	51.91	332	P	P	22 27 12.4 -1.1
JCT	Junction City	51.91	332	pmax	pmax	
	comp=Z,26nm,0.8s					
JCT	Junction City	51.91	332	P	P	22 27 12.4 -1.1
JCT	Junction City	51.91	332	I	Amb	22 27 15.7
	comp=Z,26nm,0.8s					
HPIG	High Point	51.98	324	P	P	22 27 13.9 -0.4
HPIG	High Point	51.98	324	I	Amb	22 27 16.6
	comp=Z,37nm,0.8s					
HPIG	High Point	51.98	324	P	P	22 27 15.6 +1.2
	comp=Z,57nm,0.9s					
CCAR	Cane Creek	51.99	342	P	P	22 27 14.2 +0.2
U56A	King	52.09	354	P	P	22 27 14.9 +0.2
SLBS	Sierra La Lagu	52.15	318	P	P	22 27 15.4 0.0
SLBS	Sierra La Lagu	52.15	318	I	Amb	22 27 18.9

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SLBS	Sierra La Lagu	52.15	318	P	P	22 27 16.5 +1.0
	comp=Z,43nm,0.8s					
WLAR	White Oak Lake	52.19	341	P	P	22 27 16.3 +0.8
WHTY	Whitney	52.23	335	P	P	22 27 15.0 -0.8
BRDY	Brady	52.25	334	P	P	22 27 15.4 -0.7
BRDY	Brady	52.25	334	I	Amb	22 27 17.8
	comp=Z,33nm,0.9s					
TREL	Terrell	52.35	337	P	P	22 27 16.2 -0.5
U54A	Watseny Funny	52.42	353	P	P	22 27 16.6 -0.6
Z38A	Mt. Pleasant	52.43	339	P	P	22 27 17.2 -0.1
Z38A	Mt. Pleasant	52.43	339	I	Amb	22 27 18.7
	comp=Z,51nm,0.8s					
V48A	Smith Brothers	52.47	348	P	P	22 27 16.4 -1.2
V48A	Smith Brothers	52.47	348	I	Amb	22 27 17.6
	comp=Z,45nm,0.7s					
T59A	Double "B" Far	52.51	357	P	P	22 27 17.6 -0.1
FW13	Cleburne	52.53	336	P	P	22 27 18.3 +0.2
SAND	Sanderson	52.55	330	I	Amb	22 27 17.5 -0.8

PECO	Prince Edward	59.43	358	I	Amb	22 28 09.3
NCB	Newcomb	59.44	0	I	Amb	22 28 10.2
T25A	Trinidad	59.57	333	I	Amb	22 28 11.0
CFNY	Clifton-Fine	59.63	360	I	Amb	22 28 10.4
I63A	Otisfield	59.63	3	P	P	22 28 09.1 +0.6
LBNH	Lisbon	59.76	2	P	P	22 28 10.0 +0.5
LBNH	Lisbon	59.76	2	P	P	22 28 10.0 +0.5
I49A	Point Hope	59.86	353	I	Amb	22 28 08.1 -2.0
PIX	Pinacate	59.94	322	P	P	22 28 10.9 -0.1
DELO	Deloro Mine	60.04	358	I	Amb	22 28 13.3
LONY	Lake Ozonia	60.08	0	I	Amb	22 28 14.6
H62A	Milan	60.13	3	P	P	22 28 12.2 +0.3
FLET	Fletcher	60.21	1	P	P	22 28 12.6 +0.1
WVL	Waterville	60.21	4	P	P	22 28 12.9 +0.3
SADO	Sadown	60.36	356	LR	LR	22 28 12.2 +0.3
SADO	Sadowa	60.36	356	P	P	22 28 12.4 -1.1
KSCO	Kaye Shedlock	60.40	335	P	P	22 28 13.7 -0.4
WBO	Williamsburg	60.46	360	I	Amb	22 28 14.9
W18A	Wetmore	60.51	327	I	Amb	22 28 15.4 +0.4
S42C	Great Sand Dun	60.56	332	P	P	22 28 14.6 -0.8
I42A	Drager Farm	60.75	348	I	Amb	22 28 16.0
G62A	West of Eustis	60.80	3	I	Amb	22 28 19.9
X16A	Lo Mia Camp	60.89	326	P	P	22 28 18.3 +0.7
PKME	Peaks-Kenny Pk	60.93	4	I	Amb	22 28 20.3
HAL	Halifax	60.96	9	P	P	22 28 18.5 +0.9
HAL	Halifax	60.96	9	P	P	22 28 18.5 +0.9
MNT0	Montreal, Queb	60.97	1	I	Amb	22 28 20.2
113A	Mohawk Valley	60.99	323	P	P	22 28 18.4 +0.3
GGN	Saint George	61.01	6	I	Amb	22 28 33.7
G65A	Princeton	61.01	6	I	Amb	22 28 33.7
H43A	Windswept, Lux	61.10	349	I	Amb	22 28 19.5
I40A	Norwalk	61.10	347	I	Amb	22 28 20.2
S22A	4UR Ranch, Cre	61.16	331	P	P	22 28 19.5 0.0
Y14A	Wickburg	61.40	324	P	P	22 28 21.6 +0.7
MVCO	Mesa Verde	61.53	330	P	P	22 28 24.5
F64A	Sherman	61.60	5	I	Amb	22 28 24.9
WUAZ	Wupatki	61.68	326	P	P	22 28 23.4 +0.5
TRQ	Mont Tremblant	61.69	0	I	Amb	22 28 23.0
ESJX	Sierra Juarez	61.75	321	P	P	22 28 23.0 -0.5
GLA	Glamis	61.81	322	P	P	22 28 23.3 -0.4
GLA	Glamis	61.81	322	P	P	22 28 23.3 -0.4
I37A	Lemond, Waseca	61.87	345	I	Amb	22 28 25.3
LMN	Caledonia Moun	61.97	8	I	Amb	22 28 24.2 -0.3
BLVC	Blythe	62.13	323	P	P	22 28 25.6 -0.2
YUH	Yuha Desert	62.19	321	P	P	22 28 26.4 +0.3
PV01	Paradox Valley	62.30	330	P	P	22 28 27.4 +0.3
ISCO	Idaho Springs	62.31	333	P	P	22 28 29.5
ISCO	Idaho Springs	62.31	333	P	P	22 28 27.7 +0.5
G40A	Rib Lake	62.33	348	I	Amb	22 28 27.9
CBX	Cerro Bola	62.41	320	P	P	22 28 27.6 -0.2
F42A	Maple Grove Fa	62.41	349	P	P	22 28 26.5 -0.9
E46A	Sault Ste Mari	62.43	353	I	Amb	22 28 27.8
PV13	Radium Mtn., P	62.43	330	P	P	22 28 27.9 -0.1
ECSD	EROS Data Cent	62.49	342	P	P	22 28 27.6 -0.4
PV05	Paradox Valley	62.51	330	P	P	22 28 27.9 -0.6
PV03	Paradox Valley	62.52	330	P	P	22 28 28.1 -0.5
PV12	Saucer Basin	62.55	330	P	P	22 28 28.3 -0.5
PV11	David Mesa, Pa	62.57	330	I	Amb	22 28 28.6 -0.3
PV07	Paradox Valley	62.57	330	P	P	22 28 29.0 +0.1
PV17	East Wray Mesa	62.60	330	P	P	22 28 28.2 -0.9
PV16	Nyswonger Mesa	62.60	330	P	P	22 28 28.6 -0.5
BC3	Big Chuckawall	62.61	322	I	Amb	22 28 32.4
PV20	West Nyswonger	62.65	330	P	P	22 28 29.2 -0.2
PV04	Paradox Valley	62.66	330	P	P	22 28 28.6 -0.9
BAR	Barrett	62.66	321	P	P	22 28 28.8 -0.6
PV10	Paradox Valley	62.71	330	I	Amb	22 28 29.3 -0.6
PV22	Blue Mesa, Par	62.72	330	P	P	22 28 31.1 +0.9
W13A	Hualapai Mount	62.74	324	I	Amb	22 28 32.0
D62A	Allpoint, All	62.76	4	I	Amb	22 28 30.3 +0.1
PV23	Carpenter Ridg	62.76	330	P	P	22 28 30.3 +0.1
IRM	Iron Mountain	62.78	323	P	P	22 28 31.3 +1.1
PV21	Cone Mtn., Par	62.83	330	P	P	22 28 30.9 +0.3
U15A	North Rim	62.85	326	P	P	22 28 31.4 +0.5
BORC	Borrego Spring	62.91	321	P	P	22 28 31.1 0.0

DPP	Dos Picos Cty	63.05	321	P	P	22 28 31.6 -0.3
LMQ	La Malbeia	63.14	3	P	P	22 28 31.9 -0.3
PMD	Palm Desert	63.15	322	P	P	22 28 33.2 +0.6
BELC	Belle Mtn. Jos	63.17	322	P	P	22 28 32.8 -0.1
PFO	Pinyon Flats O	63.18	322	LR	LR	22 54 26.9
PFO	Pinyon Flats O	63.18	322	P	P	22 28 34.3 +1.4
PFO	Pinyon Flats O	63.18	322	P	P	22 28 33.0 +0.1
PFO	Pinyon Flats O	63.18	322	P	P	22 28 36.5
PFO	Pinyon Flats O	63.18	322	P	P	22 28 34.5 +1.6
HMU	Henry Mountain	63.20	329	I	Amb	22 28 34.4 +1.4
HMU	Henry Mountain	63.20	329	I	Amb	22 28 33.1 -0.1
BATG	Bathurst New B	63.22	7	P	P	22 28 32.7 0.0
DNR	Dunn Ranch, Anz	63.25	321	P	P	22 28 34.1 +0.7
LDAQ	Lac Daran	63.31	3	I	Amb	22 28 35.6
KNB	Kanab	63.58	327	P	P	22 28 35.8 +0.2
KNB	Kanab	63.58	327	P	P	22 28 35.8 +0.2
HAYD	Hayden	63.62	333	I	Amb	22 28 36.2 +0.4
PKCU	Pink Cliffs	63.63	327	P	P	22 28 36.7 +0.6
O20A	White River Ci	63.74	332	P	P	22 28 37.0 +0.4
ELS	Elsinore Moun	63.79	321	P	P	22 28 36.7 -0.2
ELC	Elsinore Moun	63.79	321	P	P	22 28 40.3
LCMT	Little Creek M	63.80	326	P	P	22 28 37.0 0.0
MTPC	Mountain Pass	63.97	324	P	P	22 28 37.9 -0.2
SRU	San Rafael Swe	64.01	330	P	P	22 28 38.4 +0.1
SRU	San Rafael Swe	64.01	330	P	P	22 28 38.4 +0.1
MTPU	Mount Pierson	64.02	328	P	P	22 28 38.7 +0.1
MTPU	Mount Pierson	64.02	328	P	P	22 28 41.5
SZCU	Shurtz Canyon	64.15	327	P	P	22 28 38.7 -0.7
Q16A	Castle Valley	64.17	329	I	Amb	22 28 43.3
CCUT	Cedar City	64.26	327	I	Amb	22 28 41.1 +1.0
BFSO	Mount Baldy Ra	64.33	321	P	P	22 28 40.9 +0.4
P17A	Butcher Ranch,	64.39	330	P	P	22 28 41.4 +0.5
TMUT	Trail Mountain	64.48	329	I	Amb	22 28 44.3
GSC	Goldstone, Bar	64.56	323	P	P	22 28 42.7 +0.8
GSC	Goldstone, Bar	64.56	323	P	P	22 28 42.7 +0.8
MWC	Mount Wilson	64.56	321	P	P	22 28 42.3 +0.2
MWC	Mount Wilson	64.56	321	P	P	22 28 42.3 +0.2
TCRU	Three Creeks R	64.58	328	P	P	22 28 42.7 +0.5
PASC	Pasadena Art C	64.60	321	P	P	22 28 43.5 +1.3
SHOC	Shoshone, Teco	64.67	323	P	P	22 28 42.9 +0.4
RDUM	Red Mountain	64.70	331	P	P	22 28 42.2 -0.7
CCCA	Chr Cany lake	65.04	322	I	Amb	22 28 45.9 +0.8
K22A	Casper	65.05	335	P	P	22 28 44.5 -0.6
QSM	Queen of Sheba	65.06	323	P	P	22 28 45.5 +0.4
PRN	Pahroc Range	65.07	325	P	P	22 28 45.6 +0.3
GWY	Greenwater Val	65.10	323	P	P	22 28 45.7 +0.2
TPO	Tropico Hills	65.11	321	P	P	22 28 45.5 0.0
EYMN	Ely	65.16	348	P	P	22 28 44.7 -0.8
LRMC	Laurel Mtn Rad	65.20	322	P	P	22 28 46.5 +0.3
BELA	Belgrano 2	65.20	171	P	P	22 28 45.6 +0.2
OSI	Osito Audit: C	65.23	321	I	Amb	22 28 45.9 -0.4
BSUT	Blindstream Ca	65.23	330	P	P	22 28 46.7 +0.2
MPU	Maple Canyon	65.25	330	P	P	22 28 47.5 +1.0
PSUT	Pine Spring	65.25	327	I	Amb	22 28 47.6 +1.0
RSSD	Black Hills	65.31	337	P	P	22 28 47.2 +0.4
RSSD	Black Hills	65.31	337	P	P	22 28 47.2 +0.4
RSSD	Black Hills	65.31	337	P	P	22 28 47.3 +0.5
RSSD	Black Hills	65.31	337	P	P	22 28 47.0 +0.2
ICQ	Pointe Anglais	65.32	5	I	Amb	22 28 45.8 -0.6
TPNV	Topopah Spring	65.40	324	P	P	22 28 48.1 +0.6
TPNV	Topopah Spring	65.40	324	P	P	22 28 48.1 +0.6
FURC	Furnace Creek,	65.41	324	P	P	22 28 48.3 +1.0
NLU	Nor Lily Mtn	65.42	329	P	P	22 28 47.6 0.0
TBO	Thunder Bay	65.43	349	I	Amb	22 29 01.6
WCT	Wildcat Mouna	65.50	324	P	P	22 28 49.1 +1.1
S11A	Rachel	65.62	325	P	P	22 28 50.2 +1.3
ISA	Isabella, Lake	65.79	322	P	P	22 28 50.6 +0.7
ISA	Isabella, Lake	65.79	322	P	P	22 28 50.6 +0.7
DUG	Dugway, Tooele	65.97	329	P	P	22 28 52.5 +1.5
NOQ	North Oquirrh	65.97	330	P	P	22 28 51.1 0.0
TCUT	Toone Canyon	65.99	330	P	P	22 28 52.1 +0.8
GRAC	Grapevine Rang	66.07	324	P	P	22 28 52.8 +1.1
VES	Vestal, Richgr	66.28	322	P	P	22 28 53.8 +0.9
PDAR	Pinedale Array	66.44	333	P	P	22 28 54.0 -0.1

PDAR	comp=Z,204nm,21.9s,baz=140,slow=7.8,SNR=58	LR	LR	22 59 15.6		
PDAR	comp=Z,204nm,21.9s,baz=126,slow=37	LR	LR	22 59 15.6		
PDAR	comp=Z,9.0nm,0.8s,baz=140,slow=7.8,SNR=58	LR	LR	22 59 15.6		
HWUT	Hardware Ranch	66.44	333	P	P	22 28 53.8 -0.3
HWUT	Hardware Ranch	66.45	331	I	Amb	22 28 56.6
HWUT	Hardware Ranch	66.45	331	P	P	22 28 54.7 +0.5
AGMN	Agassiz Station	66.49	345	P	P	22 28 53.7 -0.3
DRLN	Deer Lake	66.50	12	P	P	22 28 54.4 +0.3
TIN	Tinemaha, Big	66.60	323	P	P	22 28 56.1 +0.9
TIN	Tinemaha, Big	66.60	323	P	P	22 28 56.1 +0.9
TIN	Tinemaha, Big	66.60	323	P	P	22 28 56.1 +0.9
BGU	Big Grassy Mou	66.63	329	P	P	22 28 55.6 +0.4
SPUT	South Promonto	66.64	330	I	Amb	22 28 55.4 0.0
DSP	Deep Springs	66.67	324	P	P	22 28 56.4 +1.0
TPH	Tonopah	66.74	325	P	P	22 28 56.2 +0.1
TPH	Tonopah	66.74	325	P	P	22 28 56.2 +0.1
AHID	Auburn Hatcher	67.13	332	P	P	22 28 58.4 -0.1
AHID	Auburn Hatcher	67.13	332	P	P	22 28 58.4 -0.1
AHID	Auburn Hatcher	67.13	332	P	P	22 28 58.4 -0.1
HVU	Hansel Valley	67.16	330	P	P	22 28 58.4 -0.2
HVU	Hansel Valley	67.16	330	P	P	22 28 58.4 -0.2
HVU	Hansel Valley	67.16	330	P	P	22 28 58.4 -0.2
VNA3	Neumayer Olym	67.26	161	P	P	22 29 00.2 +1.5
VNA3	Neumayer Olym	67.26	161	P	P	22 29 00.2 +1.5
EPL0	Experimental L	67.27	347	I	Amb	22 29 00.0
MDPB	Devils Postpil	67.49	323	I	Amb	22 29 04.2
VNA1	Neumayer-Stat	67.52	161	P	P	22 29 02.2 +1.9
VNA1	Neumayer-Stat	67.52	161	P	P	22 29 14.0 +1.2
VNA1	Neumayer-Stat	67.52	161	P	P	22 29 14.0 +1.2
SNOW	Snow King Moun	67.53	332	I	Amb	22 29 03.5
SNOW	Snow King Moun	67.53	332	I	Amb	22 29 03.5
SNOW	Snow King Moun	67.53	332	I	Amb	22 29 03.5
PMPB	Monarch Peak	67.56	321	I	Amb	22 29 05.4
LOHV	Long Hollow	67.58	333	I	Amb	22 29 03.7
LHV	Little Huttoon	67.59	324</			

Table with columns: AKT, AKTY, 124.52, 50, iPKIKP, PKIKP, 22 37 04.2, 0.0, 22 38 49.6, comp=Z, 7.0nm, 0.8s, 124.69, 324, PKP, PKIKP, 22 37 04.5, +0.5, etc.

Table with columns: CMAR, Chiang Mai Arr, 173.40, 65, PKP, PKPAb, 22 38 15.0, +0.5, 22 38 15.0, +0.5, 22 38 15.0, +0.5, etc.

Table with columns: YHNB, Sanguang, 0.52, 298, P, S, Sb, 22 27 30.0, 0.0, 22 27 23.3, 0.0, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like BB19B, KNRA, PMNB, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like LR04, WHZ, WHZ, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like AKT, AKHTY, AKT, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DRME Dracevica, IVA Berane, SJES Sjenica, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CAYT, KMRS Kahramanmaras, Gaziantep, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AFAD 07:00:21:20.7, GFL 07:00:21:25.4, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TRN 07:01:13:18.9, BIM Bigot, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NOU 07:01:57:50.1, WEL 07:01:57:52.4, etc.

Table with columns: WRA, Warramunga Arr, 49.66 174, P, P, 02 30 03.4, 0.0. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, etc.

NEIC 07 02:23:31.8, 0.4, 15.96N, 0.04, 95.19W, 0.03, h10km, 2km, mb4.1/8, Md4.3/80(MEX), Error ellipse: s-maj=7.9km s-min=4.2km az=153.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Huatulco, Matias Romero, Arroyo Zacate, etc.

Table with columns: TPIG, FTIG, Fresnillo de T, 3.41 304, eP, Sn, 02 24 58.7, +1.2. Includes stations like Fresnillo de T, Huehuetenango, Tlaxiaco, etc.

KRNET 07 02:44:07.8, 0.1, 40.35N, 72.50E, h10km, mb2.7

SOME 07 02:44:12.1, 40.57N, 72.43E, h5km

ISC 07 02:44:08.0, 0.9, 40.38N, 0.03, 72.51E, 0.02, h16km, 7km, n30, r1516/50, 12C-12D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Tashata, Osh, Fergana, etc.

Table with columns: NRN, Karatay Array, 3.11 332, eP, Sn, 02 25 02.2, +2.4. Includes stations like Karatay Array, Borolday, etc.

MOS 07 03:00:37.4, 0.9, 3.85S, 126:27E, h12km, mb5.4/46, MS4.5/6, Error ellipse: s-maj=8.7km s-min=4.8km az=120.3

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

NEIC 07 03:00:39.7, 3.86S, 126:21E, h10km

SLVN	comp=Z,110nm,1.7s	33.26 320	P	P	03 07 19.1 +1.8
AUMBR	comp=Z,32nm,1.8s	33.38 160	P	P	03 07 21.1 +3.0
HNR	Honiara	33.91 101	LR	LR	03 22 44.9
JCJ	Chichijima	34.40 26	P	P	03 07 27.0 0.0
JCJ	Chichijima	34.40 26	P	P	03 07 25.0 -1.1
JCJ	Chichijima	34.40 26	P	P	03 07 26.4 -0.6
CMAR	Chiang Mai Arr	34.87 310	P	P	03 07 31.9 +0.8
CMAR	comp=Z,9.8nm,0.8s,baz=136,slow=7.1,SNR=26		PcP	PcP	03 10 04.2 +0.1
CMAR	comp=Z,1.6nm,0.3s,baz=166,slow=2.3,SNR=4.5		LR	LR	03 22 14.1
CMAR	comp=Z,1.1m,22.0s,baz=115,slow=37		LR	LR	03 22 14.1
CMAR	Chiang Mai Arr	34.87 310	ceP	P	03 07 32.5 +1.3
CMAR	comp=Z,11nm,0.7s		pmax	pmax	
CMAR	Chiang Mai Arr	34.87 310	P	P	03 07 32.1 +0.9
CHTO	Chiang Mai	35.08 311	P	P	03 07 34.9 +1.9
CHTO	Chiang Mai	35.08 311	P	P	03 07 33.1 +0.1
CHTO	comp=Z,180nm,1.6s		pmax	pmax	
CHTO	Chiang Mai	35.08 311	I	I	03 07 33.1 +0.1
CHTO	comp=Z,180nm,1.6s		I	I	03 07 45.6
CHTO	Chiang Mai	35.08 311	P	P	03 07 33.7 +0.7
CHTO	comp=Z,1.1m,comp=Z,75nm,1.7s		P	P	03 07 33.5 +0.5
SSE	Sheshan	35.09 352	P	S	03 07 33.6 +0.7
SSE			S	S	03 13 07.6 +3.0
SSE			pmax	pmax	
SSE	comp=Z,7.0nm,0.8s		pmax	pmax	
ARMA	Armidale	35.67 141	P	P	03 07 38.5 +0.4
ARMA	comp=Z,200nm,6.4s		pmax	pmax	
ARMA	Armidale	35.67 141	P	P	03 07 38.7 +0.6
ARMA	comp=Z,31nm,2.0s		pmax	pmax	
ARMA	Armidale	35.67 141	P	P	03 07 38.6 +0.6
ARPS	Mount Arapiles	35.76 158	P	P	03 07 39.4 +0.8
WHN	Wuhan	36.05 342	U	S	03 07 43.4 +2.3
WHN			S	S	03 13 24.4 +5.1
WHN	comp=Z,250nm,1.3s		pmax	pmax	
WHN			L	L	
NJ2	Nanjing	36.40 349	eP	P	03 07 44.4 +0.3
NJ2			pP	pP	03 07 48.2 -0.9
NJ2			S	S	03 13 28.9 +4.3
NJ2	comp=Z,43nm,0.6s		pmax	pmax	
NJ2	comp=Z,590nm,11.4s		L	L	
NJ2	comp=Z,1.1m,9.9s		L	L	
NJ2	comp=Z,3.1m,18.1s		L	L	
KM12	Kunming	36.77 323	U	P	03 07 49.4 +1.7
KM12			S	S	03 13 22.2 -8.9
KM12			S	S	
KM12	comp=Z,30nm,1.5s		pmax	pmax	
KM12	comp=Z,410nm,4.2s		L	L	
KM12	comp=Z,620nm,19.3s		L	L	
KM12	comp=Z,470nm,16.7s		L	L	
KM12	comp=Z,610nm,24.4s		L	L	
JNU	Nakatsue	37.03 6	LR	LR	03 21 43.2
BRAT	Baliarat	37.24 156	P	P	03 07 53.7 +2.5
ENH	Enshi	37.53 336	I	I	03 08 02.0
AUMTS	Mit Stromlo	37.53 336	P	P	03 07 56.5 +1.0
CAN	Canberra	37.73 149	P	P	03 07 56.8 +1.3
CAN	comp=Z,30nm,1.0s		pmax	pmax	
CAN	Canberra	37.73 149	P	P	03 07 56.7 +1.3
CAN	Canberra	37.73 149	I	I	03 08 09.1
CAN	comp=Z,68nm,0.9s		pmax	pmax	
CAN	Canberra	37.73 149	P	P	03 07 56.8 +1.3
NPW	Naypyitaw	37.78 310	P	P	03 07 58.8 +2.7
NPW	comp=Z,90nm,1.0s		pmax	pmax	
NPW	comp=Z,83nm,1.0s		pmax	pmax	
AUMHS	Melrose High S	37.81 149	P	P	03 07 57.6 +1.5
TOO	Toolang	37.90 155	P	P	03 07 58.1 +1.2
CNB	Canberra Magne	37.91 149	P	P	03 08 07.0 +1.0
PZH	PanZhiHua	38.38 323	P	S	03 08 03.1 +1.9
PZH			S	S	03 13 58.5 +3.2
PZH	comp=Z,30nm,1.1s		pmax	pmax	
PZH	comp=Z,400nm,4.1s		L	L	
PZH	comp=Z,580nm,19.8s		L	L	
PZH	comp=Z,690nm,23.6s		L	L	
AUSMG	Snowy Mountain	38.39 150	P	P	03 08 03.5 +2.4
JHJ	Hachijo jima 2	38.94 18	LR	LR	03 24 16.4
DNCH	TengChong	39.37 318	P	P	03 08 10.6 +1.0
TNCH			pP	pP	03 08 13.4 -1.2
TNCH			sP	sP	03 08 15.8 -0.7
TNCH			pP	pP	03 09 17.1 +4.2
TNCH			S	S	03 14 12.0 +1.6
TNCH			sS	sS	03 14 19.6 +2.0
TNCH	comp=Z,75nm,1.6s		L	L	
TNCH	comp=Z,460nm,12.1s		L	L	
TNCH	comp=Z,530nm,15.5s		L	L	
TNCH	comp=Z,1.1m,23.9s		L	L	
INU	Inuyama	40.28 14	P	P	03 08 18.1 +1.3
INU	Inuyama	40.28 14	P	P	03 08 16.6 -0.2
INU	Inuyama	40.28 14	P	P	03 08 17.2 +0.4
LYN	LuoYang	40.35 342	P	P	03 08 16.9 -0.4
LYN			pP	pP	03 08 20.7 -1.7
LYN			PP	PP	03 09 57.6 +3.4
LYN			S	S	03 14 19.9 -4.5
LYN	comp=Z,20nm,1.1s		pmax	pmax	
LYN	comp=Z,810nm,6.2s		L	L	
LYN	comp=Z,380nm,11.0s		L	L	
LYN	comp=Z,460nm,14.6s		L	L	
LYN	comp=Z,750nm,24.2s		L	L	
KOUNC	Koumac, New Ca	40.55 117	P	P	03 08 18.5 -0.8
JGF	Kuroka	40.61 14	P	P	03 08 20.1 +0.6
JGF	Kuroka	40.61 14	P	P	03 08 19.0 -0.5
CD2	Chengdu	40.70 330	P	P	03 08 20.9 +0.6
CD2			pP	pP	03 08 26.2 +0.8
CD2			SP	SP	03 09 55.3 +0.9
CD2			S	S	03 14 32.8 +3.0
CD2	comp=Z,60nm,0.7s		pmax	pmax	
CD2	comp=Z,620nm,5.3s		pmax	pmax	
CD2	comp=Z,1.1m,15.7s		L	L	
CD2	comp=Z,720nm,18.0s		L	L	
TIA	Tai'an	40.76 349	P	P	03 08 24.4 +3.7
AUBRN	Burnie High Sc	41.01 157	P	P	03 08 24.9 +2.2
XAN	Xi'an	41.09 338	U	P	03 08 23.4 -0.1
XAN			S	S	03 14 35.0 -0.5
XAN	comp=Z,19nm,0.9s		pmax	pmax	
XAN	comp=Z,600nm,6.0s		L	L	
XAN	comp=Z,700nm,12.4s		L	L	
XAN	comp=Z,1.1m,17.9s		L	L	

KSAR	comp=Z,710nm,24.2s	41.11 2	P	P	03 08 23.1 -0.5
KSAR	Wonju Array Be	41.11 2	P	P	03 08 23.1 -0.5
KSRS	Korea Array	41.13 2	P	P	03 08 23.7 0.0
KSRS	comp=Z,4.6nm,0.7s,baz=183,slow=9.4,SNR=10		PcP	PcP	03 10 22.3 -0.7
KSRS	comp=Z,4.9nm,0.9s,baz=187,slow=4.7,SNR=5.5		LR	LR	03 24 48.0
MAJO	Matsushiro	41.71 15	P	P	03 08 29.4 +0.8
MAJO	Matsushiro	41.71 15	eP	P	03 08 28.0 -0.6
MAJO	comp=Z,1.8nm,1.0s		pmax	pmax	
MAJO	Matsushiro	41.71 15	P	P	03 08 26.9 -1.7
MJAR	Matsushiro Arr	41.71 15	P	P	03 08 27.4 -1.2
MJAR	comp=Z,1.3nm,0.9s,baz=185,slow=8.3,SNR=16		LR	LR	03 24 20.2
MJAR	comp=Z,2.1m,20.0s,baz=202,slow=34		LR	LR	03 24 20.2
MJAR	Matsushiro Arr	41.71 15	P	P	03 08 27.4 -1.2
SANVU	Sarautout	41.89 109	P	P	03 08 31.0 +0.6
SANVU	Sarautout	41.89 109	P	P	03 08 30.7 +0.4
SANVU	Sarautout	41.89 109	P	P	03 08 30.9 +0.6
IMP	Imphal	42.41 314	eP	P	03 08 34.1 -0.4
HNS	HongShan	42.43 346	U	S	03 08 37.0 +2.7
HNS			S	S	03 15 04.7 +1.0
HNS	comp=Z,490nm,5.9s		L	L	
HNS	comp=Z,650nm,16.9s		L	L	
HNS	comp=Z,270nm,18.2s		L	L	
HNS	comp=Z,620nm,19.0s		L	L	
AZL	Aizawl	42.68 312	eP	I	03 08 37.4 +0.6
AZL	comp=Z,256nm,1.6s		I	I	03 08 48.9
DL2	Dalian	42.76 355	P	P	03 08 41.1 +4.1
DL2	comp=Z,27nm,1.2s		pmax	pmax	
DL2	comp=Z,370nm,5.2s		pmax	pmax	
DL2	comp=Z,610nm,16.5s		L	L	
DL2	comp=Z,1.1m,17.0s		L	L	
DL2	comp=Z,730nm,12.1s		L	L	
NOUC	Port Lagueur	42.84 119	P	P	03 08 40.3 +2.3
KOHI	KOHIMA	42.84 315	eP	I	03 08 38.9 +0.2
KOHI			I	I	03 08 49.2
BRDH	Bariadiala	42.87 310	LR	LR	03 28 33.7
MOKO	MOKOCHONG	42.94 316	I	I	03 08 40.0 +1.1
MOKO			I	I	03 08 59.0
ONTNC	Ouen Toro	43.03 119	P	P	03 08 41.3 +1.7
SILR	SILCHAR	43.21 313	eP	P	03 08 42.1 +1.2
TIY	Taiyuan	43.31 344	S	S	03 08 44.1 +2.5
TIY			S	S	03 15 10.9 +2.7
TIY	comp=Z,500nm,6.3s		pmax	pmax	
TIY	comp=Z,340nm,18.6s		L	L	
TIY	comp=Z,290nm,21.3s		L	L	
YATNC	Mamie plateau,	43.34 118	P	P	03 08 43.3 +1.3
TEZP	TEZPUR	44.32 315	eP	P	03 08 50.1 +0.3
SHL	Shillong	44.34 313	P	P	03 08 50.9 +0.7
SHL			pmax	pmax	
SHL	Shillong	44.34 313	P	P	03 08 50.9 +0.7
SHL	Shillong	44.34 313	P	P	03 08 50.3 0.0
SHL	comp=Z,47nm,1.0s		I	I	03 09 01.4
SHL	Shillong	44.34 313	P	P	03 08 52.7 +0.6
SHL	Shillong	44.34 313	P	P	03 15 33.5 +6.2
BJ12	Beijing	44.63 349	P	S	03 08 52.7 +0.6
BJ12	comp=Z,8.0nm,1.2s		pmax	pmax	
BJ12	comp=Z,330nm,17.9s		L	L	
BJ12	comp=Z,240nm,22.0s		L	L	
GUWA	GUWAHATI	44.85 314	eP	I	03 08 54.3 +0.2
GUWA			I	I	03 09 05.5
LZDM	Lanzhou Array	44.88 334	P	P	03 08 54.8 +0.3
LZDM	comp=Z,3.3nm,0.4s,baz=129,slow=11,SNR=1.3		pmax	pmax	
LZH	Lanzhou	44.93 334	eP	P	03 08 56.1 +1.4
LZH			sP	sP	03 09 03.0 -1.2
LZH			S	S	03 15 33.0 +0.9
LZH	comp=Z,47nm,1.5s		pmax	pmax	
LZH	comp=Z,440nm,4.5s		L	L	
LZH	comp=Z,1.1m,16.8s		L	L	
LZH	comp=Z,980nm,17.1s		L	L	
LZH	comp=Z,680nm,19.7s		L	L	
TAWA	Tawang	45.57 315	eP	P	03 09 01.1 +0.9
DHUB	DHUBRI	45.99 312	eP	P	03 09 03.7 +0.6
HHC	Hu-ho-hao-te	46.48 345	eP	P	03 09 08.6 +1.8
HHC			sP	sP	03 09 16.6 +0.3
HHC			S	S	03 15 56.4 +2.2
HHC			sS	sS	03 16 03.8 +1.4
HHC	comp=Z,6.0nm,0.9s		pmax	pmax	
HHC	comp=Z,390nm,6.2s		L	L	
HHC	comp=Z,270nm,15.5s		L	L	
HHC	comp=Z,310nm,15.3s		L	L	
HHC	comp=Z,400nm,15.1s		L	L	
PALK	Pallekele	46.78 284	LR	LR	03 31 45.4
BT02	Baotou	46.85 343	eP	P	03 09 09.4 -0.4
BT02			pP	pP	03 09 13.9 -1.0
BT02			S	S	03 09 16.3 -0.5
BT02			S	S	03 16 00.7 +1.2
BT02			sS	sS	03 16 09.8 +1.5
BT02			SS	SS	03 19 18.2 -8.3
BT02	comp=Z,21nm,0.7s		pmax	pmax	
BT02	comp=Z,660nm,5.6s		pmax	pmax	
USRGD	Ussuriysk Arr	47.95 300	eP	P	03 09 18.5 0.0
USRGD	comp=Z,5.7nm,0.7s,baz=186,slow=7.2,SNR=9.3		P	P	03 09 19.7 +0.3
XLT	XilinHaoTe	48.41 350	eP	P	03 09 24.6 +2.8
XLT			S	S	03 09 31.9 +0.5
XLT			pP	pP	03 16 23.0 +1.4
XLT			SS	SS	03 19 51.4 -0.2
XLT	comp=Z,15nm,1.7s		pmax	pmax	
GAYA	Gaya	48.98 308	eP	I	03 09 27.5 +1.1
GAYA			I	I	03 09 39.7
BNX	BinXian	49.39 1	U	P	03 09 40.4 +1.1
EVN	Everest	49.42 312	P	P	03 09 30.9 +0.4
GOMU	GeErMu	49.51 326	P	P	03 09 30.9 +0.2
GOMU			pmax	pmax	
GTA2	Gaotai	49.55 333	eP	P	03 09 31.1 +0.4
GTA2			S	S</	

Table with columns: INK, Inuvik, 97.34 22 LR, LR, 03 59 36.3, etc. Includes various station names like ARCES, H31M, AK09, etc.

Table with columns: SCHQ, Schefferville, 128.08 10 PKP, PKPdf, 03 19 44.7 -0.9, etc. Includes various station names like W35A, DBIC, DWPF, etc.

Table with columns: O15K, Ungalikthiuk R, 63.15 29 P, P, 03 34 52.7 +0.1, etc. Includes various station names like KURBB, K17K, D20K, etc.

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Table with columns: PRSN, Name, Frequency, Modulation, Bandwidth, Power, and other technical details. Includes stations like Puerto Rico Se, Experimental S, InterUniversit, etc.

Table with columns: GRTK, Name, Frequency, Modulation, Bandwidth, Power, and other technical details. Includes stations like Grand Turk, Grenada, Guadeloupe, etc.

Table with columns: MDP, Name, Frequency, Modulation, Bandwidth, Power, and other technical details. Includes stations like Balboa, Cauca, Hilliard, etc.

7d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SUMG, PAB, ESDC, PLCA, TULEG, NEEM, EKA, WTLY, DBIC, DBIC, DBIC, S34M, R33M, Q32M, CORI, P33M, CLF, P32M, JMJC, DAG, M31M, MAHO, N31M, O30N, H31M, BMRD, F31M, G31M, INK, INK, INK, M30M, P29M, HYT, J30M, I30M, MEM, WLF, O29M, F30M, G30M, EPYK, L29M, TORD, TORD, M29M, ACRC, I29M, G29M, DAWY, I28M, F28M, E28M, B27M, K27M, G27M, D27M, KONO, E27K, M26K, VRDI, DAVA, GLB, FUORN, G26K, RETA, FETA, KEST, KEST, NB2, NOA, F26K, MOTA, SOTA, PAX.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like J25K, FYU, KLU, WTTA, E25K, NKC, D25K, ILAR, ILAR, ILAR, CLL, CLL, CLL, ABTA, HFS, LESA, G24K, COLA, COLA, COLA, HSKC, F24K, WRH, KBS, KHC, KHC, KHC, KBA, E24K, BRG, BRG, GERES, GERES, GERES, MYKA, I23K, I23K, I23K, CKRC, CKRC, CKRC, PVCC, MOA, G23K, COLD, SPITS, SPITS, SPITS, D23K, SESA, MLY, UPC, UPC, UPC, CHVC, CHVC, ARSA, I21K, SKT, OSTO, OSTO, OSTO, CONA, DPC, DPC, DPC, CAST, STLK, H21K, SPU, KRUC, VRAC, RONA, KRLC, KRLC, KRLC, G21K, E21K, IMAR, MORC, MODS, MODS, SMOL, STEB, JAVC, F20K, MPLH.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OKC, D20K, N19K, L19K, SRO, SRO, SRO, H19K, E19K, G19K, O18K, VYHS, VYHS, D19K, F19K, N18K, MORH, MORH, MORH, ARCES, ARCES, ARCES, ACHA, OJC, C19K, H18K, G18K, KEV, KEV, KEV, NIE, M17K, K17K, C18K, J17K, O16K, M16K, L16K, I17K, FINES, RDOG, KOLS, KOLS, KOLS, VSU, VSU, L14K, APA, APA, APA, LVZ, LVZ, LVZ, RNPFS, RNPFS, RNPFS, MNK, MNK, MNK, MNK, MNK, MNK, MNK, M30M, M30M, M30M, AK20, AK19, AK21, AK22, AK18, AK17, AK16, AK15, AK14, AK13, AK12, AK11, AK10, AK09, AK08, AK07, AK06, AK05, AK04, AK03, AK02, AK01, AK00.

7d 3h

Table with columns for station ID, name, coordinates, and various data points. Includes stations like KNGR, Q32M, R33M, etc.

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Table with columns for station ID, name, coordinates, and various data points. Includes stations like FFC, FFF, FFC, etc.

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Table with columns for station ID, name, coordinates, and various data points. Includes stations like RSSD, RSSD, RSSD, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like MNK, DNK, MUNE, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like CCM Cathedral Cave, CCM CCM, CCM PGBU, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like ABAH Abaujker, PRU Pruhonice, PRU PRU, etc.

Table with columns for station name, frequency, power, and status. Includes stations like CMSA Cobar Meteorol, QLP Quilpie, MTSU Mount Surprise, etc.

Table with columns for station name, frequency, power, and status. Includes stations like TOLIZ Tolitoli, JCHJ Chichijima, CCD Concordia, etc.

Table with columns for station name, frequency, power, and status. Includes stations like SEY, VNA1 Neumayer-Stat, PFO Pinyon Flats, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES, NOA, HFS, LUP, etc.

Table for Dominican Republic region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUOR, SODR, LOPP1, etc.

OSPL 07 04:47:20.8±2.2, 20°16'N; 70°6'W, h0km, 15km, ML2.4, Presumed earthquake

Table for Dominican Republic region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUOR, SODR, SODR, etc.

Table for Dominican Republic region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUOR, SODR, SODR, etc.

ASRS 07 05:01:28.0±0.8, 54°65'N-83°67'E, h0km, M2.4(MOS), The earthquake of Russia in 2020, Obninsk, GS RAS, 2022

Table for Iran-Armenia-Azerbaijan border region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISHB, IMRD, NAX, etc.

Table for Kuril Islands with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR, PAU, ASAK, etc.

Table for Southwestern Siberia with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU, ZAAO, ZAAO, etc.

Table for Southwestern Siberia with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLIS, GDB, GDB, etc.

OSPL 07 04:45:22.3±1.6, 20°13'N; 70°56'W, h0km, 10km, ML2.1, Presumed earthquake

IDC 07 05:03:16.8±1.7, 37°85'N-45°23'E, h0km, mb3.4/4, mbtmp3.4/6, ML2.6/2, MS4.1/2, Error ellipse: s-maj=33.8km

IDC 07 05:03:17.4±1.8, 38°40'N-45°18'E, h5km, ML3.3/4, AZER 07 05:03:17.9, 38°52'N-44°98'E, h5km, ml3.5

7bd 6h

CABF	Arif	10.09 243	eSn	Sn	06 19 48.0 -6.5
CABF	Arif	10.09 243	AML	AML	06 18 03.4 +0.8
ARF			P	Pn	06 19 42.3 -1.4
TUE	Stuetta	10.16 12	S	Sn	06 18 05.1 +1.4
TUE	Stuetta	10.16 12	U	Pn	06 18 05.4 +1.7
TUE	Stuetta	10.16 12	P	Pn	06 18 04.3 +0.6
TUE	Stuetta	10.16 12	P	Pn	06 18 07.0 +3.4
TUE	Stuetta	10.16 12	P	Pn	06 18 07.0 +3.4
comp-Z,62nm,1.5s					
PTC	Touix Ste Croi	10.17 344	ePn	Sn	06 18 01.8 -1.8
TCF			eSn	Sn	06 19 51.7 -6.1
comp-Z,51nm,1.0s					
KBA	Koelnbreinsper	10.23 351	ePn	Sn	06 18 02.8 -1.6
SMF	Signal de Mont	10.23 351	eSn	Sn	06 19 53.6 -5.6
comp-Z,9.4nm,0.4s					
SMF	Castel Tesino	10.30 21	AML	AML	06 18 06.6 +1.2
CTI	Castel Tesino	10.30 21	P	Pn	06 18 06.6 +1.2
BGF	Bois d'Agland	10.30 347	ePn	Sn	06 18 04.2 -1.2
BGF			eSn	Sn	06 19 56.6 -4.3
comp-Z,32nm,0.5s					
BNALP	Bannalp	10.42 8	AML	AML	06 18 11.3 +4.1
comp-Z,25nm,1.0s					
AVF	Avril sur Loir	10.44 349	ePn	Pn	06 18 06.1 -1.2
AVF			eSn	Sn	06 19 57.7 -6.6
comp-Z,10nm,0.8s					
AVF	Davos/Dischmat	10.56 14	AML	AML	06 18 10.4 +1.3
DAVOX			S	Sn	06 20 06.0 -1.5
DAVOX			S	Sn	06 20 06.0 -1.5
comp-Z,1.1nm,0.3s,baz=317,slow=19,SNR=2					
DAVOX			LR	LR	06 22 40.5
comp-Z,1.1nm,0.3s,baz=202,slow=40					
DAVOX					
comp-Z,3.4nm,0.4s					
DAVOX	Saint Sauge	10.68 350	ePn	Sn	06 18 09.6 -1.0
SSF			eSn	Sn	06 20 03.9 -6.4
comp-Z,16nm,0.8s					
SSF	Barrancos	10.70 283	AML	AML	06 18 11.3 +0.5
PBAR			ePn	IAMB	06 18 51.6
comp-Z,67nm,2.0s					
STAL	STALIGIAL	10.82 25	P	Pn	06 18 14.0 +1.5
LOR	Lormes	10.84 351	ePn	Sn	06 18 11.2 -1.5
LOR			eSn	Sn	06 20 08.7 -5.4
comp-Z,6.3nm,0.5s					
LOR	Lormes	10.84 351	AML	AML	06 18 11.8 -0.9
LOR			P	Pn	06 18 15.8 +3.0
BOUR	Bourgnig	10.84 4	P	Pn	06 18 18.5 +4.0
FETA	Feichten	10.96 16	i Pn	Pn	06 18 16.1 +0.7
ZHG	ZHG	11.03 257	P	Sn	06 20 06.5 -1.2
ZHG			S	Sn	06 18 20.7 +5.0
DAVA	Damuels	11.04 13	P	Pn	06 18 18.5 +2.5
DRE	Drenchia	11.08 28	P	Pn	06 18 15.1 -1.3
MFF	Saint Martin d	11.11 336	ePn	Sn	06 18 15.5 -0.8
MFF	Saint Martin d	11.11 336	ePn	Sn	06 20 13.2 -7.4
comp-Z,7.6nm,0.6s					
MFF	Saint Martin d	11.11 336	AML	AML	06 18 15.6 -0.8
IMFF			ePn	IAMB	06 18 18.4 +1.5
PMRV	Marv???	11.14 289	ePn	IAMB	06 18 26.9
PMRV			eSn	Sn	06 20 24.1 +2.5
PMRV			IAMS_20	IAMS_20	06 22 51.6
comp-Z,2.1um,16.0s					
ABTA	Abthalbach	11.19 23	ePn	Pn	06 18 21.7 +4.1
comp-Z,12nm,0.5s,SNR=19					
PESTR	Estremo	11.20 286	ePn	Pn	06 18 18.1 +0.3
PESTR	Estremo	11.20 286	ePn	IAMB	06 18 18.8 +1.0
PESTR			IAMB	IAMB	06 18 28.3
PESTR			P	Pn	06 18 19.2 +1.4
comp-Z,90nm,1.6s					
PESTR	Estremo	11.20 286	P	Pn	06 18 19.2 +1.4
comp-Z,46nm,1.3s					
PVAQ	Vaqueiros	11.21 278	P	Pn	06 18 16.9 -1.0
PVAQ	Vaqueiros	11.21 278	P	Pn	06 18 18.2 +0.4
PVAQ	Vaqueiros	11.21 278	ePn	Sn	06 18 17.7 -0.1
PVAQ	Vaqueiros	11.21 278	eS	Sn	06 18 17.6 -0.3
PVAQ	Vaqueiros	11.21 278	eS	Sn	06 20 28.5 +5.3
PVAQ	Vaqueiros	11.21 278	IAMS_20	IAMS_20	06 23 39.1
comp-Z,936nm,16.0s					
HINF	Hinterthal	11.25 2	ePn	Sn	06 18 17.7 -0.7
HINF			eSn	Sn	06 20 15.9 -8.3
comp-Z,2.1nm,0.3s					
HINF	Sankt Quirin	11.26 18	ePn	AML	06 18 24.2 +5.5
SQTA			ePn	Pn	06 18 21.6 +2.7
PCBR	Castelo Branco	11.29 291	ePn	IAMB	06 18 28.6
PCBR			IAMB	IAMB	06 18 28.6
comp-Z,127nm,1.7s					
SLE	Schleitheim	11.31 8	P	Pn	06 18 23.7 +4.5
MVO	Moncorvo	11.32 298	ePn	IAMB	06 18 21.7 +2.2
MVO			IAMB	IAMB	06 18 57.7
comp-Z,63nm,1.0s					
MVO			eS	Sn	06 20 32.7 +6.6
MVO			IAMS_20	IAMS_20	06 23 12.4
comp-Z,2.1um,16.0s					
PBEJ	Beja	11.34 282	ePn	IAMB	06 18 20.6 +0.9
PBEJ			IAMB	IAMB	06 18 28.2
comp-Z,64nm,2.1s					
MOTA	Mocissalm	11.35 17	ePn	Pn	06 18 22.9 +3.0
comp-Z,10nm,0.6s,SNR=8.5					
PBRG	Braganca	11.36 301	ePn	Pn	06 18 21.4 +1.6
PBRG			IAMB	IAMB	06 18 23.0
comp-Z,75nm,1.1s					
PBDV	Barranco-do-Ve	11.38 278	ePn	Pn	06 18 20.4 +0.2
ECAL	Catalor	11.41 302	P	Pn	06 18 22.5 +1.9
comp-Z,248nm,0.6s					
TZRZ	Tazzarine	11.41 243	P	Sn	06 18 21.9 +1.2
TZRZ			S	Sn	06 20 15.4 -1.3
WTTA	Wattenberg	11.41 19	i Pn	Pn	06 18 24.7 +4.0
WTTA	Wattenberg	11.41 19	P	Pn	06 18 24.8 +4.1
comp-Z,65nm,0.9s					
HAU	Haudompre	11.43 0	ePn	Sn	06 18 19.6 -1.2
HAU			eSn	Sn	06 20 20.8 -7.8
comp-Z,25nm,0.6s					
HAU	Walderalm	11.46 19	ePn	AML	06 18 26.0 +4.6
WATA			ePn	Pn	06 18 21.6 +0.2
PCVE	Castro Verde	11.47 280	ePn	Pn	06 18 25.9 +4.5
MYKA	Terra Mystica	11.47 26	ePn	Pn	06 18 21.7 +0.2
MTE	Manteigas	11.47 294	ePn	Pn	06 18 23.2 +2.3
MTE	Manteigas	11.47 294	ePn	Pn	06 18 23.2 +2.3
MTE	Manteigas	11.47 294	ePn	IAMB	06 18 28.7
comp-Z,92nm,1.2s					
MTE			eS	Sn	06 20 33.1 +3.4
MTE			IAMS_20	IAMS_20	06 23 03.1
comp-Z,2.1um,18.0s					
MTE	Manteigas	11.47 294	P	Pn	06 18 24.2 +2.8
comp-Z,40nm,1.0s					
EVO	Evora	11.49 284	P	Pn	06 18 22.4 +0.7
EVO	Evora	11.49 284	ePn	IAMB	06 18 22.9 +1.1
EVO	Evora	11.49 284	IAMB	IAMB	06 18 38.1
comp-Z,60nm,2.0s					
EVO	Evora	11.49 284	P	Pn	06 18 23.3 +1.6
comp-Z,10.0nm,1.6s					
PARRA	Arraiolos	11.55 285	ePn	Pn	06 18 23.4 +0.9
PARRA			IAMB	IAMB	06 18 30.8
comp-Z,56nm,1.6s					
MESJ	Messejana	11.61 281	ePn	Pn	06 18 23.4 +0.1
MESJ			eS	Sn	06 20 34.8 +1.7
MESJ			IAMS_20	IAMS_20	06 22 45.9
comp-N,2um,13.1s					
MESJ	Messejana	11.61 281	P	Pn	06 18 23.4 +0.1
MESJ	Messejana	11.61 281	P	Pn	06 18 23.4 +0.1
MESJ	Messejana	11.61 281	ePn	Pn	06 18 23.9 +0.6
MESJ	Messejana	11.61 281	ePn	IAMB	06 18 23.5 +0.1
MESJ	Messejana	11.61 281	IAMB	IAMB	06 18 34.9
comp-N,62nm,1.3s					
PDG	Podgorica	11.62 56	Pn	Pn	06 18 24.7 +1.3
BLY	Banja Luka	11.64 42	U	Pn	06 18 27.0 +3.4

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BLY	Banja Luka	11.64 42	Pn	Pn	06 18 24.6 +0.9
BLY	Banja Luka	11.64 42	Pn	Pn	06 18 27.7 +4.1
comp-Z,17nm,1.9s					
ECH	Echery	11.66 3	P	Pn	06 18 23.9 -0.1
ECH	Echery	11.66 3	P	Pn	06 18 23.9 -0.1
ECH	Echery	11.66 3	U	Pn	06 18 24.9 +0.9
ECH	Echery	11.66 3	P	Pn	06 18 26.4 +2.4
comp-Z,17nm,0.8s					
SFTF	Sextointaines	11.66 356	ePn	Pn	06 18 22.4 -1.6
AVE	Averroes	11.68 258	P	Pn	06 18 27.4 +3.1
OBKA	Obir	11.71 29	ePn	Pn	06 18 28.2 +3.5
comp-Z,13nm,1.1s					
PMTG	Montargil	11.72 287	ePn	IAMB	06 18 26.9 +2.1
PMTG			IAMB	IAMB	06 18 34.7
comp-Z,81nm,1.5s					
KBA	Koelnbreinsper	11.75 24	U	Pn	06 18 31.2 +5.9
KBA	Koelnbreinsper	11.75 24	ePn	Pn	06 18 26.2 +0.9
comp-Z,15nm,1.2s					
KBA	Koelnbreinsper	11.75 24	P	Pn	06 18 28.9 +3.5
PSARD	Sardoal	11.76 289	ePn	IAMB	06 18 25.2 -0.2
PSARD			IAMB	IAMB	06 18 53.7
comp-Z,52nm,1.5s					
MOE	Montemor	11.76 284	ePn	IAMB	06 18 26.6 +1.3
MOE			IAMB	IAMB	06 18 34.6
comp-Z,72nm,1.9s					
PLUS	Minas do Louisa	11.78 282	ePn	Pn	06 18 26.3 +0.7
PLOUS			IAMB	IAMB	06 18 58.2
comp-Z,62nm,1.8s					
PVIS	Viseu	11.81 295	ePn	Pn	06 18 27.2 +1.1
CLF	Chambon-Forêt	11.82 347	P	Pn	06 18 28.3 +2.2
ZGR	Zagora	11.82 240	P	Sn	06 18 27.5 +1.1
ZGR			S	Sn	06 20 24.9 -1.4
LES	Schwarzleotel	11.85 22	ePn	Pn	06 18 29.5 +2.9
comp-Z,17nm,0.7s					
PVRL	Vila Real	11.85 298	ePn	IAMB	06 18 28.3 +1.7
PVRL			IAMB	IAMB	06 18 33.7
comp-Z,70nm,1.6s					
BFO	Black Forest	11.85 7	P	Pn	06 18 27.9 +1.3
BFO	Black Forest	11.85 7	P	Pn	06 18 27.9 +1.3
BFO	Black Forest	11.85 7	U	Pn	06 18 29.2 +2.6
BFO	Black Forest	11.85 7	ePn	Pn	06 18 28.6 +2.0
comp-Z,110nm,2.2s,baz=196,slow=13					
CDF	Champ du Uly	11.86 3	ePn	Sn	06 18 26.4 -0.4
CDF			eSn	Sn	06 20 30.5 -8.7
comp-Z,11nm,0.8s					
CDF	Lamas de Olo	11.94 298	AML	AML	06 18 30.2 +2.3
POLO			ePn	IAMB	06 18 39.9
comp-Z,32nm,1.0s					
PAGF	Fort de Pagny	11.99 358	ePn	Pn	06 18 26.1 -2.3
PAGF	Fort de Pagny	11.99 358			

7d 6h

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Table with columns for station name, frequency, power, and signal strength. Includes stations like LPSR Galich ya Gora, KEF Keuruu, NSS Namsos, VAF Ylistaro, KIV Kislovodsk, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like SONM Songino Array, I40A Gaotai, GT2A Gaotai, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like HOPEN Hopfen, DBG Daneborg, OMEGA Omega, etc.

IDC 07 09:47:14.0:779.0,56°22N:38°10E, h0km, Error ellipse: s-maj=325.1km s-min=15.6km az=136.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON, I37NO I37NO, I26DE FREYUNG INFRAS.

SKHL 07 09:47:44.6:0.3,44°30'N:149°06'E, h72km, 4km, mb4.1/3 JMA 07 09:47:46.2:0.7,45°N:2°14'9E, h131km, MV3.9/13, SE OFF ETOROFU

ISC 07 09:47:43.0:4.2,44.77N:0°08.149°6E:0.2, h60km, n16, c=183/26, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like REI Reidovoe, KUR Kuril'sk, YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, etc.

SNET 07 09:52:50.8:3.0,12°19'N:87°81'W, h10km, ML3.7, Presumed earthquake

CATAC 07 09:52:51.6:0.4,12°12'N:8°8'W, h16km, 3km, M3.8/36, MLv3.8/36, Error ellipse: s-maj=4.2km s-min=2.1km az=27.8, confirmed

ISC 07 09:52:50.9:1.8,12°17'N:0°05.873°W:0.03, h11km, 13km, n47, c=0560/77, 11C-12D, Near coast of Nicaragua

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like COSG Cosiguina Volc, CRIN San Cristobal, TELTA Telica, etc.

CATAC 07 10:10:05.6:0.6,13°N:3°9'0W, h22km, 5km, M3.0/16, MLv3.0/16, Error ellipse: s-maj=7.8km s-min=6.6km az=53.7, confirmed

GCG 07 10:10:07.3:0.6,13°15'N:90°10'W, h19km, 6km, MDS.9, Presumed earthquake

SNET 07 10:10:08.9:2.6,13°16'N:90°03'W, h23km, ML3.0, Presumed earthquake

ISC 07 10:10:04.8:3.1,13.0N:0°1'90°1W:0.1, h28km, 13km, n32, c=654/53, 4C-2D, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like FAME Alcaldia de Sa, LALI Alcaldia de L, JAYA Alcaldia de L, etc.

IDC 07 10:42:39.8:1.9,63°02'N:28°20'E, h0km, mbtmp2.7/2, ML2.1/2, Error ellipse: s-maj=25.3km s-min=7.7km az=107.0

HEL 07 10:42:40.4:0.1,63°12'N:27°79'E, h0km, ML1.8, Explosion

ISC 07 10:42:38.5:0.8,63°13'N:0°02:27.7E:0.03, h0km, n35, c=148/55, Finland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like NIF Nilsia, NIF NIF.

7d 11h

Table with columns: NIF, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, smax, smax, 7d 11h. Includes stations like SUF Sumainen, KAF Kangasniemi, ROM Romuvaara, etc.

NEIC 07 11:17:21.7:1.7,60°25'N:1°25:6'W:0.4, h10km, 2km,

Table with columns: MKAR, Makanchi Array, 55.59, 54cP, P, 11 23 09.3 -0.4, etc. Includes stations like Tsumeb, Jaztalar, Matopo, etc.

SOME 07 11:28:43.5, 43.62N, 69.78E
NIC 07 11:28:43.0, 1.8, 43.625N, 69.69E, h0km, mb3.7, mpv3.0,
IC-10, Error ellipse: s-maj=10.1km s-min=8.6km
az=165.0, Suspected Mining explosion., Central
Kazakhstan

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like Borolday, Karatay Array, etc.

IDC 07 11:30:02.1, 2.5, 62.938N, 149.68E, h0km, mb3.8/3,
mbtmp0.0/4, ML3.5/1, MS2.9/1, Error ellipse:
s-maj=110.3km s-min=27.9km az=89.0, Baileny Islands
region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes station Vanda.

Table with columns: VANDA, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like Dolgoi Island, Chernabura Isl, etc.

IDC 07 11:33:23.6, 1.1, 54.15N, 161.14W, h0km, mb3.8/8,
mbtmp3.7/12, ML3.5/4, MS3.2/2, Error ellipse:
s-maj=29.0km s-min=19.1km az=176.0,
AEIC 07 11:33:25.7, 1.4, 54.49N, 161.05, h25km, 6km,
Error ellipse: s-maj=6.9km s-min=5.0km az=182.0,
NEIC 07 11:33:28.5, 1.1, 54.37N, 161.06, h16.1, 15W, 0.05, h35km, 2km,
s-maj=10.1km s-min=8.7km az=176.0, Error ellipse:
s-maj=10.1km s-min=8.7km az=159.0,
ISC 07 11:33:24.6, 1.9, 54.49N, 161.06, h16.1, 15W, 0.05, h4km, 11km,
n115, c0998/117, mb3.9/9, Alaska Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like Dolgoi Island, Chernabura Isl, etc.

AEIC 07 11:34:55.3, 1.1, 54.42N, 162.01, h16.1, 16W, 0.05, h26km, 7km,
Error ellipse: s-maj=4.5km s-min=2.0km az=62.0,
NEIC 07 11:34:53.7, 0.6, 54.39N, 162.03, h16.1, 15W, 0.03,
h28km, 10km, ML3.5/20, ML3.5(AEIC), Error ellipse:
s-maj=4.7km s-min=2.8km az=184.0, Alaska Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like Dolgoi Island, Chernabura Isl, etc.

Table with columns: ILAR, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like L29M, Y26K, etc.

AEIC 07 11:34:55.3, 1.1, 54.42N, 162.01, h16.1, 16W, 0.05, h26km, 7km,
Error ellipse: s-maj=4.5km s-min=2.0km az=62.0,
NEIC 07 11:34:53.7, 0.6, 54.39N, 162.03, h16.1, 15W, 0.03,
h28km, 10km, ML3.5/20, ML3.5(AEIC), Error ellipse:
s-maj=4.7km s-min=2.8km az=184.0, Alaska Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like Dolgoi Island, Chernabura Isl, etc.

7d 11h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like IMAR, KDAD, KDKA, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like PSTR, O28M, MJBS, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like BTO2, BTO2, BTO2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like DION, LOUTRAKI, THALERO, etc.

IDC 07 12:25:27.3z, 2.6, 31Sx179.54E, h511km, 26km, mb3.0/3, mbtmp4.1/6, Error ellipse: s-maj=34.6km s-min=-26.2km az=110.0

IDC 07 12:25:26.3z, 1.6, 26.3Sx101.179.61E, h495km, time, Error ellipse: s-maj=11.9km s-min=8.3km az=159.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like URZ, DZM, STKA, ASAR, WRA, NOA, HFS.

IDC 07 12:33:50.6z, 1.7, 69.27N-87.81E, h0km, Error ellipse: s-maj=9.2km s-min=3.9km az=128.0, Northern and central Siberia

BUL 07 12:39:57.6z, 6.1, 23.89S-33.94E, h10km, MD3.4, Presumed earthquake

PRE 07 12:40:01.9z, 1.0, 26.08S-29.22E, h0km, M2.3, Suspected explosion, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like CRLN, HRAO, WDLM, PILG, SNKL, LEPH, MOPA, LBTT, MUSN, BOSA, MATP.

IDC 07 12:47:07.1z, 2.39, 52.20N-31.76E, h0km, Error ellipse: s-maj=111.9km s-min=83.0km az=159.0, Baltic States-Belarus-Northwestern Russia

GFZ 07 13:56:0.0z, 0.3, 79.9N-4.4E, h10km, M4.4/36, mb4.4/36, Error ellipse: s-maj=8.8km s-min=4.7km az=24.0, confirmed

MOS 07 13:56:8z, 1.4, 78.44N-7.19E, h10km, mb4.5/17, Error ellipse: s-maj=31.3km s-min=6.4km az=93.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like KBS, BRBB, BRBA, SPAO.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like KBS, BRBB, BRBA, SPAO.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like SPAO, SPBZ, SPITS, SPITS, SPITS, SPBZ, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB, HSPB.

7d 15h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MKAR, GELL, CLLE, etc.

BER 07 14:18:01.8-1.4, 67.74N:33.86E, h0km, Suspected explosion

KOLA 07 14:18:05.0-0.4, 68.06N:02.33.38E:0.06, h0km, M2.3(MOS). The earthquakes of Russia in 2020. Obninsk, GS RS, 2022.

IDC 07 14:18:06.1-2.0, 67.98N:32.72E, h0km, mb13.1/4, ML2.4/4, Error ellipse: s-maj=22.7km s-min=10.3km az=80.0

ISC 07 14:18:04.0-0.8, 68.02N:0.03.33.35E:0.03, h0km, n36, r1559.59, Baltic States-Belarus-Northwestern Russia

Main table for 7d 15h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for APAO, LVAZ, KUDA, etc.

KRSC 07 14:43:47.4-3.1, 48.31N:157.69E, h6km, 59km, MI3.7, East of Kuril Islands

Table for Kuril Islands section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SKR, PAUT, KDT, etc.

OSPL 07 14:50:21.8-0.4, 20.11N:70.54W, h3km, 2km, ML2.1, Presumed earthquake

SDD 07 14:50:23.3-2.2, 20.14N:70.77W, h0km, 10km, MD3.5, ML2.0, MW2.6, Presumed earthquake

ISC 07 14:50:21.0-1.2, 20.15N:0.03.70.65W:0.04, h9km, 10km, n12, r1515/21, 14C-1D, Dominican Republic region

Table for Dominican Republic section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for LUDR, LUDR, LOPPI, etc.

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Table for 2020 AUG section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for LOPPI, LOPPI, CADR, etc.

OSPL 07 15:03:50.7-0.5, 18.45N:71.08W, h42km, 13km, ML2.1, Presumed earthquake

SDD 07 15:03:51.3-0.8, 18.00N:71.39W, h0km, 11km, MD2.8, ML2.0, MW2.7, Presumed earthquake

ISC 07 15:03:54.1-1.5, 18.16N:0.05.71.3W:0.1, h10km, n7, r242/11, 4C, Dominican Republic region

Table for Dominican Republic section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PODR, PODR, LODOU, etc.

NEIC 07 15:13:41.5-2.3, 7.93S:104.26E:0.07, h10km, 1km, mb4.6/39, Error ellipse: s-maj=12.2km s-min=10.0km az=254.0

IDC 07 15:13:42.8-0.6, 7.65S:104.40E, h0km, mb4.3/26, mbmp4.3/26, MS3.5/8, Error ellipse: s-maj=23.5km s-min=12.4km az=61.0

BUI 07 15:13:42.5, 8.05S:104.43E, h25km, mb5.1/5, mb4.7/42, M4.5/4, M6.7/4.3/5

GFZ 07 15:13:44.0-0.2, 8.3S:10.4E, h10km, M4.9/31, mb4.7/31

DJA 07 15:13:45.1-0.6, 8.5S:2.10E, h11km, 5km, M4.9/47, mb5.5/13, mb4.8/36, MLV4.7/47, Mw(mB)5.0/13

ISC 07 15:13:43.7-0.4, 7.77S:105.05:104.34E:0.05, h10km, n190, r1543/172, mb4.5/63, MS3.5/8, 1C-2D, Southwest of Sumaterra

Main table for 2020 AUG section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CGJI, CGJI, KASI, etc.

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Main table for 414 section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SNJI, SJI, SJI, etc.

2020 AUG

7d 16h

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like LKBA, GLKZ, MSVF, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA, INKA, COEN, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like SNA, SNA, SNA, etc.

IDC 07 16:08:44.6:2.1, 7.14S: 125.04E, h544km, 28km, mb3.2/12, mbmp4, 1/15, Error ellipse: s-maj=28.5km s-min=10.5km az=72.0

NEIC 07 16:08:45.0:1.3, 7.15S: 0.1: 125.0E: 0.1, h548km, 10km, mb4.0/18, Error ellipse: s-maj=20.2km s-min=15.0km

DJA 07 16:08:45.9:1.0, 7.5S: 6.12E: 5.1, h537km, 14km, M4.0/21, mb4.6/7, mb4.2/15, MLV4.1/21, Mw(MB)3.8/7

ISC 07 16:08:44.5:0.5, 7.14S: 0.06: 125.09E: 0.07, h543km, m72, s107/75, mb3.7/18, Banda Sea

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

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like SANI Sanana, WSI Waingapu, MTN Mantong Dam, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like KSP Ksiaz, KPC Chvalez, CHVC Chvalez, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like TUMD Ruskaya, RUS Ruskaya, KRMK Karymskiy, etc.

IDC 07 16:11:22.1s, 3.8, 7.92S, 104.16E, h0km, mb3.8/6, mbmp3.8/6, MS3.7/1, Error ellipse: s-maj=151.0km

ISC 07 16:11:26.8s, 3.7, 8.05S, 104.17E, 0.3, h35km, n11, s-min=22.6km az=52.0

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, H0S2 Diego Garcia H, etc.

KRSC 07 16:27:14.9s, 1.0, 53.43N, 161.122E, h42km, 17km, M13.8

IDC 07 16:27:18.1s, 1.6, 52.78N, 161.06E, h92km, 42km, mb3.3/3, mbmp3.6/4, MS2.6/2, Error ellipse: s-maj=85.1km

ISC 07 16:27:13.2s, 1.6, 53.39N, 160.06E, 161.20E, 0.05, h17km, 11km, n41, c1870/51, mb3.8/3, Off east coast of Kamchatka

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like SPN Mys Shipunski, NLC Nalytzevo, MKZ Mys Kozlova, etc.

KRSC 07 16:43:39.2s, 2.0, 65.566N, 162.19E, h78km, 11km, M13.5

IDC 07 16:43:40.6s, 2.0, 54.23N, 163.15E, h181km, 61km, mb3.0/3, mbmp3.4/4, MS2.1/1, Error ellipse: s-maj=189.1km

ISC 07 16:43:40.9s, 1.0, 55.69N, 163.03E, 162.18E, 0.04, h72km, 9km, n43, c1920/58, mb3.5/3, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, ZLN Zelenaya, BZGR Bezymyanni-Gr, etc.

IPEC 07 16:24:42.0s, 2.0, 51.60N, 16.12E, h1km, ML2.1/8, Error ellipse: s-maj=2.0km s-min=1.2km az=70.0

VIE 07 16:24:44.0s, 0.9, 51.45N, 15.86E, h0km, mb2.3/4, ML2.5/5, Error ellipse: s-maj=6.8km s-min=5.4km az=68.0

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

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like KRSC 07 16:34:09.2s, 1.9, 53.11N, 169.62E, h40km, 48km, M13.9

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like WPL Puli Township, WFD Guoxing, WCS Beigang Elemen, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like TARG Taragay, Kyrgy, KDJ Kajisay, KTBS Karatobe, etc.

THE 07 17:22:29.4, 38°7'N, 0°6'21.8"E, 0.6h, 0km, ML3.0/5.0, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ANX Ano Chora, PVO Paravola, PVO Paravola, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like GUR GUR, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

THE 07 17:22:29.0, 39°21'N, 24°42'E, h33km, MB2.8

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like TRKA Trikala, KYLLINI, Iliia, G, THAL Thalerio, etc.

SOME 07 17:16:53.2, 43°00'N, 80°57'E, h20km

KRNET 07 17:16:55.1±0.1, 43°20'N, 80°22'E, mb2.6

ISC 07 17:16:57.6±0.2, 43°15'N, 0°07'20"E, 0.09, h10km, n13, ±1994/26, 6C-6D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SHLS Shalkode, UZB Uzymbulak, UZB, etc.

THE 07 17:22:29.0, 38°64'N, 21°77'E, h12km, ML3.0/5.0, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like AXAR Agios Charalam, DRO Drossia, SOFA Sofades, etc.

THE 07 17:22:29.0, 39°21'N, 24°42'E, h33km, MB2.8

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like GUR GOURA, NYDR NYDRI-LEFKADA, NYDR NYDRI-LEFKADA, etc.

GARI	Gari	4.58	8	P	Pn	19 21 24.7	+2.7
CHRG	Chargali	4.60	21	P	Pn	19 21 25.8	+3.5
LGD	Lagodekhi	4.67	35	P	Pn	19 21 28.7	+5.5
LGD	Lagodekhi	4.67	35	P	Sg	19 22 43.1	+0.5
SHTL	Shatili	4.97	27	P	Pn	19 21 32.1	+4.7
SHTL	Shatili	4.97	27	P	Pn	19 21 32.1	+4.7
ANDR	Andir	5.02	266	P	Pn	19 21 27.5	-0.6
AKT	Akhty	5.19	47	eP	Pn	19 21 31.8	+1.4
AKT	Akhty			eS	Sn	19 22 31.6	+1.3
AKT	comp=Z,7.0nm,0.8s				pmax		
AKT	comp=N,39nm,0.8s				smax		
AKT	comp=E,55nm,0.8s				smax		
AKT	comp=E,44nm,0.8s				smax		
AKT	comp=Z,1.1m,10.0s				MLR		
TOKA	Tokat	5.30	297	Pn	Pn	19 21 32.2	+0.3
BNN	Bunyan	5.40	280	Pn	Pn	19 21 32.7	-0.7
NCK	Nalchik	5.47	7	iP	Pn	19 21 36.9	+2.7
NKB	Khabaz	5.66	2	P	Pn	19 21 40.3	+3.6
KBZ	comp=Z,0.4nm,0.3s,baz=17.1,slow=6.6,SNR=10.0				Lg		
KBZ	baz=172,slow=19				Lg		
KBZ	comp=Z,8.7nm,0.9s				AML		
KBZ	Khabaz	5.66	2	iP	Pn	19 21 40.0	+3.3
SHA1	Shidzhatmaz	5.67	0	iP	Pn	19 21 40.5	+3.4
KIV	Kislovodsk	5.88	0	P	Pn	19 21 42.8	+2.9
KIV	Kislovodsk	5.88	0	eP	Pn	19 21 43.1	+3.2
KIV	comp=Z,14nm,1.0s				pmax		
KIV	comp=Z,529nm,10.0s				MLR		
KIV	Kislovodsk	5.88	0	P	Pn	19 21 40.9	+0.9
KIV	Kislovodsk	5.88	0	P	Pn	19 21 40.3	+0.4
KIV	comp=Z,0.3nmcomp=Z,1.1mcomp=Z,92nm,1.2s						
KIV	Kislovodsk	5.88	0	P	Pn	19 21 45.2	+5.3
KVAR	Kislovodsk Arr	5.88	0	Pn	Pn	19 21 43.6	+3.6
KVAR	baz=268,slow=20				Lg		
KVAR	baz=52,slow=19				LR		
KVAR	comp=Z,2.1m,19.0s,baz=134,slow=40				LR		
KVAR	comp=Z,1.8nm,0.4s				LR		
SOC	Sochi	5.95	339	eP	Pn	19 21 41.8	+1.1
SOC	Sochi	5.95	339	eS	Sn	19 22 49.8	+1.1
SOC	comp=Z,1.8nm,0.6s				pmax		
SOC	comp=Z,1.8nm,0.6s				MLR		
MAK	Makhachkala	6.13	36	iP	Pn	19 21 40.7	-2.5
MAK	Makhachkala	6.13	36	iP	pmax		
MAK	comp=Z,58nm,0.8s				MLR		
MAK	comp=Z,954nm,7.0s				MLR		
LABN	Labinsk	6.73	348	eP	Pn	19 21 57.5	+6.1
LABN	Labinsk	6.73	348	eP	pmax		
GOF	Gofitskoye	6.99	20	eP	Pn	19 22 01.1	+6.0
BR104	Keskin Array S	7.22	286	P	Pn	19 21 58.1	-0.2
BR104	comp=Z,0.1nmcomp=Z,1.1mcomp=Z,9.1nm,0.8s				AML		
BR104	Keskin Array S	7.22	286	iP	Pn	19 22 00.2	+1.8
BR104	Keskin Array S	7.22	286	P	Pn	19 21 57.3	-1.1
BRTR	Keskin Array B	7.22	286	Pn	Pn	19 21 59.3	+0.9
BRTR	comp=Z,0.2nm,0.3s,baz=108,slow=1.6,SNR=18				LR		
BRTR	comp=Z,738nm,21.8s,baz=112,slow=39				LR		
BRTR	comp=Z,3.0nm,0.8s				AML		
BRTR	Keskin Array B	7.22	286	iP	Pn	19 22 00.3	+1.8
BRTR	comp=Z,5.0nm,0.8s				pmax		
BRTR	Keskin Array B	7.22	286	P	Pn	19 21 58.0	-0.4
BR105	Keskin Array S	7.24	286	P	Pn	19 21 58.6	0.0
BR105	comp=Z,0.1nmcomp=Z,1.1mcomp=Z,11nm,0.8s						
BR105	Keskin Array S	7.24	286	P	Pn	19 21 58.3	-0.3
BR106	Keskin Array S	7.23	286	P	Pn	19 21 58.3	-0.3
BR106	comp=Z,0.1nmcomp=Z,2.0nmcomp=Z,14nm,0.9s				AML		
NATI	Neve Ativ	7.39	232	P	Pn	19 22 04.9	+4.3
KIRY	Kiryat Shemona	7.53	232	P	Pn	19 22 07.0	+4.5
ASF	Jabal al Asfar	7.54	220	Pn	Pn	19 22 03.5	+0.8
ASF	comp=Z,1.2nm,0.3s,baz=28,slow=11,SNR=18				Lg		
ASF	comp=Z,5.4nm,0.3s,baz=346,slow=23,SNR=3.3				Lg		
ASF	comp=Z,1.1nm,0.7s				AML		
ASF	Keshet	7.54	230	P	AML		
KSHT	Keshet	7.54	230	P	Pn	19 22 06.9	+4.2
CY604	RAF Akrotiri,	7.56	243	P	Pn	19 22 06.5	+1.9
HULT	Hulata	7.61	231	P	Pn	19 22 07.9	+4.2
KHUL	Konya-Kulu	7.70	281	P	Pn	19 22 09.2	+4.3
MMAI	Mount Meron Ar	7.76	232	Pn	Pn	19 22 08.4	+2.6
MMAI	comp=Z,9.4nm,0.3s,baz=60,slow=15,SNR=13				Lg		
MMAI	comp=Z,4.4nm,0.3s,baz=86,slow=24,SNR=4.6				LR		
MMAI	comp=Z,4.4nm,0.3s,baz=86,slow=24,SNR=4.6				LR		
ANN	Anapa	7.79	331	eP	Pn	19 22 07.9	+2.0
ANN	Anapa	7.79	331	eS	Sn	19 23 35.7	+1.7
ANN	comp=Z,23nm,1.0s				pmax		
ANN	comp=Z,23nm,1.0s				MLR		
ANN	comp=Z,707nm,13.0s				MLR		
ERBR	Yeremizino-Bor	7.81	349	eP	Pn	19 22 12.5	+6.2
ERBR	Yeremizino-Bor	7.81	349	eP	pmax		
CSS	Mathiatis	8.12	250	Pn	Pn	19 22 08.9	-1.7
CSS	Mathiatis	8.12	250	P	Pn	19 22 11.4	+0.8
CSS	comp=Z,426nmcomp=Z,28nm,1.2s						
CSS	Mathiatis	8.12	250	P	Pn	19 22 14.3	+3.7
MLLI	Mount Malkishu	8.15	229	P	Pn	19 22 15.1	+4.0
ROI	Roi	8.25	227	P	Pn	19 22 16.5	+4.2
OFRI	Ofer	8.29	231	P	Pn	19 22 16.8	+3.9
ALMO	Almog	8.61	225	P	Pn	19 22 21.7	+4.5
GHAJ	Ghor Haditha	8.92	223	P	Pn	19 22 19.5	-2.0
GHAJ	Ghor Haditha	8.92	223	P	Pn	19 22 25.7	+4.3
GHAJ	Ghor Haditha	8.92	223	P	Pn	19 22 26.9	+5.4
GHAJ	comp=Z,69nm,0.8s				LR		
MSBI	Mazada	9.02	224	P	Pn	19 22 27.4	+4.5
AMAZ	Amatzia	9.11	227	P	Pn	19 22 28.7	+4.6
ZFRI	Zfiri	9.71	222	P	Pn	19 22 36.8	+4.4
KZIT	Kziot	9.87	226	P	Pn	19 22 39.1	+4.5
HIFI	Mount Harif	10.20	220	P	Pn	19 22 43.9	+4.7
EIL	Elat	10.54	220	Pn	Pn	19 22 46.3	+2.6
EIL	comp=Z,0.2nm,0.3s,baz=310,slow=22,SNR=1.7				Lg		
EIL	comp=Z,0.5nm,0.3s,baz=346,slow=16,SNR=1.9				LR		
EIL	comp=Z,1.1m,18.1s,baz=39,slow=40				LR		
EIL	Elat	10.54	220	P	Pn	19 22 48.0	+4.3
KARP	Karpathos	12.67	263	P	Pn	19 23 12.8	-0.1
VORD	Divnogorie	13.12	351	eP	Pn	19 23 18.9	0.0
VORD	Divnogorie	13.12	351	eP	pmax		
VRH	Novokhopynsk	13.15	357	eP	Pn	19 23 20.9	+1.6
VRH	Novokhopynsk	13.15	357	eP	pmax		
VSR	Storzhevoye	13.38	350	eP	Pn	19 23 23.9	+1.5
VSR	Storzhevoye	13.38	350	eP	pmax		
SAKB	Bahrain	13.77	149	P	Pn	19 23 21.9	-6.0
SAKB	Bahrain	13.77	149	S	Sn	19 23 38.6	-2.2
VORR	Voronezh	13.82	351	eP	Pn	19 23 30.6	+2.1
VORR	Voronezh	13.82	351	eP	pmax		
VRI	Vrincioia	14.17	308	iP	P	19 23 38.6	-2.2
VRI	Vrincioia	14.17	308	iP	Pn	19 23 38.6	-2.2
VRI	Vrincioia	14.17	308	P	Pn	19 23 34.1	+0.8
VRI	comp=Z,667nmcomp=Z,1.1nm,1.4s						
VRI	Vrincioia	14.17	308	P	Pn	19 23 36.4	+3.1
VRI	comp=Z,1.1nm,1.4s						
SORM	Soroca	14.48	319	P	Pn	19 23 37.4	-0.2
SORM	comp=Z,959nmcomp=Z,60nm,1.1s						
MLR	Muntele Rosu	14.49	306	Pn	P	19 23 43.8	-0.8
MLR	comp=Z,0.1nm,0.3s,baz=357,slow=18,SNR=4.6						

MLR	comp=Z,595nm,18.8s,baz=133,slow=42				LR		
MLR	Muntele Rosu	14.49	306	iP	P	19 23 43.4	-1.2
MLR	Muntele Rosu	14.49	306	iP	Pn	19 23 43.4	-1.2
MLR	Muntele Rosu	14.49	306	P	Pn	19 23 35.0	-2.5
MLR	Muntele Rosu	14.49	306	P	Pn	19 23 39.1	+1.3
MLR	Muntele Rosu	14.49	306	P	Pn	19 23 45.0	+0.4
MLR	comp=Z,1.1nm,1.8s						
IDI	Anoyia	14.53	264	Pn	Pn	19 23 36.8	-1.5
IDI	Anoyia	14.53	264	Pn	Pn	19 23 36.5	-1.7
TESR	Tescani	14.53	311	P	Pn	19 23 39.0	+0.8
TESR	comp=Z,388nmcomp=Z,25nm,1.7s						
TESR	Tescani	14.53	311	P	Pn	19 23 41.0	+2.8
PLVB	Pleven	14.66	297	iP	P	19 23 45.6	-0.7
RAYN	Ar Rayn	14.70	170	P	Pn	19 23 38.1	-2.7
RAYN	Ar Rayn	14.70	170	iP	Pn	19 23 38.4	-2.9
RAYN	Ar Rayn	14.70	170	P	Pn	19 23 37.8	-2.9
RAYN	Ar Rayn	14.70	170	P	Pn	19 23 37.4	-3.3
RAYN	Ar Rayn	14.70	170	P	Pn	19 23 38.2	-2.6
RAYN	comp=Z,25nm,0.8s						
BELG	Belogorovye	14.74	12	Pn	Pn	19 23 42.5	+1.5
BELG	comp=Z,0.4nm,0.3s,baz=7.5,slow=13,SNR=5.6				LR		
BELG	comp=Z,17nm,1.0s				LR		
BELG	Galich'ya Gora	14.77	351	eP	AML		
LPSR	LPSR	14.77	351	eP	pmax		
SRS	Serrai	15.01	288	P	P	19 23 47.5	-2.7
SRS	comp=Z,78nm,1.2s						
VOIR	Voiron	15.05	305	iP	P	19 23 53.9	+3.2
VOIR	Voiron	15.05	305	iP	Pn	19 23 53.9	+3.2
SOH	Sokhos	15.16	286	P	Pn	19 23 50.0	-2.0
KNT	Kendrikon	15.54	288	P	Pn	19 23 52.6	+0.9
KNT	comp=Z,1.1nm,1.5s						
JRN	Jarn Island	15.69	144	P	Pn	19 23 48.9	-4.9
AK07	Malin Array Si	15.73	327	P	Pn	19 23 54.1	0.0
AK09	Malin Array Si	15.73	327	P	Pn	19 23 53.8	-0.5
KMPK	Kodj Zelenitsa	15.75	317	P	Pn	19 23 51.7	-1.0
AKASG	Malin Array Be	15.83	327	Pn	Pn	19 23 54.7	-0.8
AKASG	comp=Z,136,slow=12,SNR=30				LR		
AKASG	comp=Z,458nm,19.2s,baz=140,slow=42				LR		
AKASG	comp=Z,4.6nm,0.7s				AML		
AKASG	Malin Array Be	15.83	327	iP	AML		
AKASG	Malin Array Be	15.83	327	iP	pmax		
AKASG	comp=Z,6.0nm,0.8s				AML		
AKASG	Malin Array Be	15.83	327	P	Pn	19 23 55.7	+0.2
AKASG	Malin Array Si	15.83	327	iP	pmax		
AKBB	AKBB	15.83	327	iP	pmax		
AKBB	comp=Z,49nm,1.3s						
AKBB	Malin Array Si	15.83	327	P	Iamb		
AKBB	AKBB	15.83	327	P	Iamb		
AKBB	comp=Z,32nm,1.2s						
AKBB	Malin Array Si	15.83	327	P	Pn	19 23 55.2	-0.3
KIEV	Kiev	15.84	327	iP	Pn	19 24 00.2	+0.9
KIEV	Kiev	15.84	327	iP	Pn	19 24 00.2	+0.9
KIEV	Kiev	15.84	327	P	Pn	19 23 57.4	+0.4
KIEV	Kiev	15.84	327	P	Pn	19 23 55.2	-0.3
KIEV</							

7d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IAML, Pn, Sn, Sg, Sgmax, and various numerical values for stations like Combarbal, El Pedregal, Toiolo Observa, Los Peladeros, Juntas del Tor, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IAML, Pn, Sn, Sg, Sgmax, and various numerical values for stations like Ogallala, Mirror Lake Pl, Idaho Springs, Long Hollow, Snow King Moun, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IAML, Pn, Sn, Sg, Sgmax, and various numerical values for stations like MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

7d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHC, BZS, CKRC, PLVB, HERR, GECZ, GERES, etc.

WEL 07:21:52:29.8,1.3,33'S,8°17'9"E,3'6",h12km,M4.1/6, mb4.7/3,ML4.0/10,MLv4.1/6,Mw(mb)4.0/3,Error ellipse: s-maj=47.1km s-min=9.3km az=96.3,confirmed,South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, HAZ, WMGZ, RUGZ, etc.

Error ellipse: s-maj=3.1km s-min=1.5km az=167.0 KRNET 07:21:52:49.7,0.1,43.27N,77.62E,h18km,mb2.8

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDOK, KURS, ANVS, AAA, etc.

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

JMA 07:22:09:36.7,0.3,23°N,1°12'41.1E,0.9,h36km,3km, MV3.4/14,NEAR ISHIGAKUJIMA ISLAND

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HATJ, JKRJ, JIJ, etc.

SDD 07:22:13:19.2,2.6,18°36'N,69°58'W,h88km,14km,MD3.5, ML2.4,MW2.9,Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDD, HATOM, LOSCI, etc.

Azm359.00000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GFZ 08.00.35: 12.3d.0.1, 4.3 N2x8 BE, h35km, M4.9/175, mb5.5/85, mb5.2/175, Mw(mb)4.9/85

ISC 08.00.35: 08.2d.0.4, 4.3 22N.0.03: 87.58E.0.02, h13km, 2km, h12km: p-P, n1425, e140/1436, mb5.2/577, M4.3/110, 79C-55D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual. Includes stations like WMQ, ZSN, MK31, MKR, etc.

Table with columns: CHMS, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual. Includes stations like SGDS, FRU1, USP, AAK, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual. Includes stations like LZH, ULN, SMLA, etc.

Table with columns: Station, Frequency, Power, SNR, and other metrics. Includes stations like PanZhiHua, Bariadhala, Aktyubinsk, HongShan, Baijiatou, Herat, Kunming, Bodaibo, Arti, Guiyang, Hailar, Hailar Array B, Tai'an, Naypyitaw, Wuhan, Chiangrai, ChangSha.

Table with columns: Station, Frequency, Power, SNR, and other metrics. Includes stations like Cnsh, Vishakhapatnam, Son La, Chiung Mai, Chiang Mai Arr, Hyderabad, Nanjing, Changchun, Belogornye, Kirov, BinXian, Makhachkala, Akhty, Incheon, Qiongzong, Shamm, Kul'dur, Yakutsk.

Table with columns: Station, Frequency, Power, SNR, and other metrics. Includes stations like Yakutsk, Esma-Masafi, Novokhoporsky, Gofitskoye, Ashlyah, Nazwa, Dubai, Usuriysk Ar, Garni, Khabaz, Kislovodsk, Voronezh, Yeheng, Storozhevo, Yereimizino-Bor, Galich'ya Gora, Labinsk, Klimovskoe, Suanglung, Gornyy, Gevas, Nanchiao, Moscow, Sochi, Pinliang.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GURO, MZR, OBN, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RAYN, VSU, BR13, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GHAJ, SUW, VRI, etc.

Table with columns for station call letters, name, frequency, and signal strength. Includes stations like VAGH, KBS, KONGS, etc.

Table with columns for station call letters, name, frequency, and signal strength. Includes stations like SMOL, OSTC, DPC, etc.

Table with columns for station call letters, name, frequency, and signal strength. Includes stations like GVD, DAV, BRY, etc.

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8d Oh

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like KMY Karmoy, KBA Koelnbreinsper, KBA Koelnbreinsper, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like FUORN Ofenpass-Fuorn, FUORN Ofenpass-Fuorn, FUORN Ofenpass-Fuorn, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like FOEL Foel Wyfla, FOEL Foel Wyfla, FOEL Foel Wyfla, etc.

8d 0h

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like M17K Holitna River, G26K Porcupine Rive, KIBK Kibwezi, etc.

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Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like POLO Lamas de Olo, HARP HAARP, H31M Peel River, etc.

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Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like FITZ, O3ON Mendenhall, MBWA Marble Bar, etc.

Table with columns: Station Name, Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Nantun, Taichung City, Kuangyinshan, Zhongli, Zhuzhou, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Nord, Kingsbay, Spitsbergen Ar, Daneborg, etc.

ISK 08 01:29:51.1, 38°23'N, 38°78'E, h5km, ML3.8/17
IDC 08 01:29:52.9, 0.9, 38°24'N, 38°75'E, h0km, mb3.5/7,
mb1m3.5/12, ML3.3/5, MS2.9/6, Error ellipse:
s-maj=16.4km s-min=11.6km az=164.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Malatya/Merkez, Sirrice-Elazig, Elazig, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Silvan-Diyarba, Karacayir, Guroymak-BITLI, etc.

BER 08 01:29:46.2±2.8, 81°98'N, 5°39'W, h10km, Mw3.8,
ML2.4(DNK), Confirmed Earthquake
DNK 08 01:29:46.8±3.0, 81°92'N, 4°86'W, h25km, 26km, ML2.4,

8d 3h

Table of seismic data for 8d 3h, listing stations like YNE, BOZ, DLMT, ORV, etc., with columns for station name, time, and magnitude.

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Main table of seismic data for 2020 AUG, listing stations like RONA, SRO, BVAR, etc., with columns for station name, time, and magnitude.

442

Table of seismic data for 442, listing stations like Mlv3, GCG, etc., with columns for station name, time, and magnitude.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVAQ, MD31, PBDV, etc.

IDC 08 04:51:20.8,3.2, 12.42S;166.57E,h143km,28km, mb3.9/18,mbtmp4.3/20,MS3.1/1, Error ellipse: s-maj=18.6km s-min=13.9km az=86.0

NEIC 08 04:51:20.2,2.0, 12.44S;166.76E,h102km,6km, mb4.3/16, Error ellipse: s-maj=24.5km s-min=13.2km az=87.0

NOU 08 04:51:23.1, 12.63S;166.75E,h112km,mb4.3/10, Santa Cruz Islands

ISC 08 04:51:21.3,0.4, 12.44S;166.61E,h102km,n74, c=0997/77,mb4.2/25, Santa Cruz Islands

Main table of station data for the left column, including stations like SANVU, NOUC, MSVF, etc.

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

TAP 08 05:26:17.3,24.50N;122.95E,h102km,ML0.0,B JMA 08 05:26:17.6,0.2,25 N;3.2,123.0E;0.7,h99km,1km, MW2.3/13,NW OFF ISHIGAKIJIMA IS

ISC 08 05:26:17.3, 24.50N;122.95E;0.03,h101km,7km, n75, c=874/126,26, Taiwan region

Main table of station data for the middle column, including stations like JYNG, YJYJ, YJYJ, etc.

Error ellipse: s-maj=9.6km s-min=6.4km az=166.0 ISC 08 05:32:15.4,2.1,41.14N;0.09,79.33E,0.05,h5km,12km, n39, c=110/66,8C-15D, Kyrgyzstan-Xinjiang border

Main table of station data for the right column, including stations like TARG, PRZ, KDJ, etc.

OSPL 08 05:40:36.5, 1.7, 47N;69.27W,h146km,27km,ML2.8, Presumed earthquake SDD 08 05:40:37.6,2.5, 18.60N;69.41W,h108km,14km,MD3.5, ML2.5,MW2.8, Presumed earthquake

ISC 08 05:40:37.8, 1.3, 18.59N;69.47W,h100km,n15, c=1862/26, 13C, Dominican Republic region

Small table of station data for the right column, including stations like HATOM, SDD, etc.

KRNET 08 05:32:18.2,0.1, 41.105N;79.11E,h30km,mb2.8 SOME 08 05:32:18.5, 41.43N;79.10E,h5km NNC 08 05:32:19.0, 1.4, 41.37N;79.17E,h0km,mb3.4,mpv3.0,

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAKE ISLAND, Zalesovo Beam, Warramunga Arr, etc.

Table with columns: CD2, Name, Azimuth, Phase ID, Time, Res. Includes stations like Kunming, Lanzhou Array, Lanzhou, etc.

Table with columns: HNS, Name, Azimuth, Phase ID, Time, Res. Includes stations like Kashi, ASAI, SATY, etc.

NDI 08:08:43:51.7-2.9,30.0'89N:95.62E, h10km, ML4.2, MW4.4, Presumed earthquake

MOS 08:08:43:58.3-0.9,30.0'40N:94.88E, h9km, mb5.1/48, Error ellipse: s-maj=7.5km s-min=3.4km az=122.8

IDC 08:08:43:58.1-0.6,30.3'31N:94.83E, h0km, mb4.5/27, mbtmp4.5/31, ML4.2/4, MS3.5/5, Error ellipse: s-maj=16.2km s-min=11.4km az=36.0

NEIC 08:08:44:00.9-1.0,30.4'1N:0.08-94.78E, h10km, mb4.9/78, Error ellipse: s-maj=16.1km s-min=6.0km az=31.0

BUI 08:08:44:00.4,30.3'4N:94.88E, h6km, mb4.7/3, mb4.6/44, ML4.0/10, MS4.2/40, MS7.4/040

GFZ 08:08:44:03.6-0.1,30.1'N:2.9-95.5E, h29km, M4.8/85, mb4.9/85

BGR 08:08:44:04.8,30.4'4N:94.91E, h33km, mb4.9

ISC 08:08:44:00.8-0.5,30.3'8N:0.03-94.80E, h13km, mb4.9, pP-P, m499, c1931/540, mb4.8/195, MS3.6/12, 30C-13D, Xizang

8d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pengchayiu, YMO8, YMO1, Wuai, Datong Townshi, etc.

BUC 08 09:08:08.4 0.6, 46.53N, 25.39E, h20km, m1.4/6, 14C-9D, Error ellipse: s-maj=2.3km s-min=1.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DOPR, BIZ, ONER, TESR, BURAR, etc.

IDC 08 09:15:23.0 0.5, 13.23S, 66.59E, h0km, mb4.0/18, mbmaj=19.7km s-min=16.0km az=104.0

GCMT 08 09:16:25.7 0.3, 13.32S, 01.04-66.63E, 0.02, h18km, 1km, MW4.8/80, Moment Tensor Solution...

ISC 08 09:15:23.0 0.5, 13.23S, 66.59E, 0.1, h10km, n97, 0.66E/57, mb4.4/25, MS3.9/42, 1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROCAM, H08S1, H08S2, H08S3, RER, OPO, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W1, NWA0, EIL, KAPI, ASF, MAW, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MEX, GCG, Presumed earthquake, etc.

BUI 08 09:59:22.0 1.3, 30N, 128.10E, h126km, mB4.9/5, mb4.7/31

DJA 08 09:59:24.2 0.3, 1N, 4.12E, h111km, 5km, M4.5/20, mB5.1/7, ML4.7/18, MLV4.4/20, Mw(MB)4.5/7

NEIC 08 09:59:24.1 1.5, 1.30N, 0.09-128.05E, 0.08, h127km, 6km, mb4.6/49, Error ellipse: s-maj=13.1km s-min=11.5km

ISC 08 09:59:23.0 0.3, 1.29N, 0.04-128.05E, 0.06, h127km, n159, 0.95E/160, mb4.5/67, Halmaera

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

ASAR	Alice Springs	25.45	167	P	P	10 04 40.5	+0.4
ASAR	KULM	25.45	167	P	P	10 04 40.5	+0.7
RPSI	Rantau Prapat	29.14	273	P	P	10 05 13.1	0.0
RPSI	Rantau Prapat	29.14	273	P	P	10 05 13.3	+0.2
PSI	KPSI	29.14	273	P	P	10 05 15.1	+1.8
GS1	Gunungsitoli	30.46	270	P	P	10 05 27.1	+2.3
GS1	Gunungsitoli	30.46	270	P	P	10 05 24.6	-0.3
GS1	Gunungsitoli	30.46	270	P	P	10 05 24.4	-0.4
NJ2	Nanjing	31.80	345	eP	Pmax	10 05 37.3	+1.0
QLP	Quilpie	31.81	152	P	P	10 05 36.2	-0.3
FORT	Forrest	31.89	180	P	Iamb	10 05 37.9	+0.8
MORV	Morava	32.30	200	P	P	10 05 42.3	+1.6
CMAR	Chiang Mai Arr	32.32	303	P	P	10 05 51.1	+1.8
BBOO	Bucklebo	34.75	168	P	P	10 06 02.4	+0.4
STKA	Stephens Creek	35.40	160	P	P	10 06 08.1	+0.6
NWAO	Narrogin (SRO)	35.59	196	P	P	10 06 08.7	0.0
KZRN	Korea Array	35.93	360	P	P	10 06 12.8	+0.3
KS19	Wonju Arry Si	36.03	360	P	Iamb	10 06 12.3	-0.6
TIA	Tai'an	36.19	345	P	Pmax	10 06 14.9	+0.7
MJAR	Matsushiro Arr	36.32	14	P	P	10 06 16.0	+0.7
MAJO	Matsushiro	36.32	14	P	P	10 06 16.4	+1.1
XAN	Xi'an	37.17	333	P	Pmax	10 06 22.9	+0.3
BJJ2	Beijing	40.03	346	P	Pmax	10 06 46.9	+0.5
BJT	Baijiatuu	40.03	346	P	Iamb	10 06 45.3	-1.1
HHC	Hu-ho-hao-te	42.11	341	eP	Pmax	10 07 05.5	+2.0
H1N1	WAKE ISLAND HY	42.18	62	T	T	10 51 32.6	
H1N2	WAKE ISLAND HY	42.19	62	T	T	10 51 44.4	
H1N3	WAKE ISLAND HY	42.20	62	T	T	10 51 37.3	
SHL	Shillong	42.39	308	P	P	10 07 05.9	-0.2
USRK	Usuriyarr Arr	42.87	4	P	P	10 07 08.6	-0.8
XLT	XilinHaoTe	43.74	347	eP	Pmax	10 07 16.6	0.0
GT2A	Gaotai	45.94	329	eP	Pmax	10 07 35.1	+1.0
EVN	Everest	47.50	308	P	P	10 07 48.6	+1.5
HILR	Hailar Array B	48.61	353	P	P	10 07 54.8	+0.3
ULN	Ulaanbaatar	49.83	342	P	P	10 08 04.1	+0.1
SONM	Songrio Array	50.02	341	P	P	10 08 05.7	+0.4
SONM	Songrio Array	50.02	341	P	P	10 08 06.0	+0.6
PETK	Petrovsk	57.20	21	P	P	10 08 57.6	+0.1
PETK	Petrovsk	57.20	21	P	P	10 08 58.2	+0.7
PDGK	Podgornoye	60.12	321	P	P	10 09 18.0	-0.1
MKAR	Makanchi Array	60.30	325	P	P	10 09 19.2	+0.2
MKAR	Makanchi Array	60.30	325	P	P	10 09 19.4	+0.3
TARG	Taragay, Kyrgy	60.43	319	P	P	10 09 19.8	-0.8
NIL	Nilore	60.45	308	P	Iamb	10 09 20.5	+0.1
MAKZ	Makanchi	60.48	325	P	P	10 09 20.2	-0.1
MAKZ	Makanchi	60.48	325	P	P	10 09 20.5	+0.2
YAK	Yakutsk	60.60	1	P	P	10 09 20.3	-0.4
YAK	Yakutsk	60.60	1	P	P	10 09 20.2	-0.6
KSH2	Kashi	60.62	315	P	Pmax	10 09 23.2	+0.3
ASAI	AK-SAY (Kyrgy)	60.92	317	P	P	10 09 23.6	-0.2
KDJ	Kajisay	61.03	319	P	Iamb	10 09 25.3	+0.9
BOOM	Boomskeye ush	62.02	319	P	Iamb	10 09 31.7	+0.8
ZALV	Zalesovo Array	63.34	333	P	P	10 09 38.3	-0.9
ZALV	Zalesovo Array	63.34	333	P	P	10 09 38.0	-1.2
ZALV	Zalesovo Array	63.34	333	P	P	10 09 38.3	-0.9
KURKB	Kurchatov Arra	64.49	328	P	P	10 09 46.8	-0.1
KURK	Kurchatov	64.49	328	P	P	10 09 46.7	-0.1
GARM	Garm	64.54	313	P	P	10 09 47.5	-0.1
GARM	Garm	64.54	313	P	P	10 09 47.7	+0.1
KK31	Karatay Array	65.90	317	P	Iamb	10 09 56.2	0.0
KKAR	Karatay Array	65.90	317	P	P	10 09 56.1	-0.1
BVAR	Borovoye Array	70.07	327	P	P	10 10 21.5	-0.5
BORK	Borovoye	70.12	327	P	Iamb	10 10 22.1	-0.2
AB31	Akbulak array	74.86	321	P	P	10 10 50.1	-0.4
ABKAR	Akbulak array	74.86	321	P	P	10 10 50.0	-0.5
LVA	Lava Polva	75.05	34	P	P	10 11 01.5	+0.1
K13K	Kusilvag Mount	78.33	26	P	Iamb	10 11 10.6	+0.8
SDPT	Sand Point	78.48	34	P	P	10 11 10.5	-0.1
L14K	Kuka Creek	79.04	27	P	Iamb	10 11 14.5	+1.0
VNDA	Vanda	80.86	173	P	P	10 11 22.9	-0.3
VNDA	Vanda	80.86	173	P	P	10 11 23.2	+0.1
J17K	VABM Dome	81.23	26	P	P	10 11 26.3	+0.9

J17K	comp=Z,11nm,1.4s	Iamb	Iamb	10 11 28.7			
RAYN	Ar Rayn	82.65	293	P	P	10 11 33.0	-0.6
RAYN	Ar Rayn	82.65	293	P	Iamb	10 11 33.8	
H19K	Roundabout 09s	82.84	24	Iamb	Iamb	10 11 35.6	
J19K	Poorman	82.86	26	P	P	10 11 34.9	+1.0
J19K	Poorman	82.86	26	P	Iamb	10 11 35.7	
E19K	Redstone River	82.98	22	Iamb	Iamb	10 11 36.6	
M20K	Styx River	83.60	28	Iamb	Iamb	10 11 39.5	
L22K	Petersville	84.78	27	P	P	10 11 43.3	-0.5
L22K	Petersville	84.78	27	P	Iamb	10 11 44.4	
ILAR	Eielson Array	86.73	25	P	P	10 11 51.8	-1.4
ARCES	ARCCESS Array B	93.18	340	P	P	10 12 22.0	-1.3
ARCES	ARCCESS Array B	93.18	340	P	Iamb	10 12 22.1	-1.2
ARCES	ARCCESS Array B	93.18	340	P	Iamb	10 12 22.8	
NOA	NORSH Array B101.54	334	P	P	10 12 58.9	-2.4	
PPH	PPH	101.66	320	ePP	P	10 17 09.3	-4.4
TXAR	Lajitas Array	122.00	54	PKP	PKPdf	10 18 03.4	-0.7
TORD	Tordil Arr	124.90	287	PKP	PKPdf	10 18 09.1	-0.7
TORD	Tordil Arr	124.90	287	PKP	PKPdf	10 18 09.4	-0.4
CFPA	Coronel Fontan	146.15	155	PKPbc	PKPbc	10 18 46.5	-2.2
CPUP	Villa Florida	154.57	169	PKPbc	PKPbc	10 19 09.9	-0.5
CPUP	Villa Florida	154.57	169	PKPbc	PKPbc	10 19 25.7	+0.4
LPAZ	La Paz	158.18	134	PKPab	PKPab	10 19 42.7	+0.8
LPAZ	La Paz	158.18	134	PKPab	PKPab	10 19 42.7	+0.8

SJA 08 10:01:10.4,0.5,24.02S;66.71W,h241km,ML4.4,MW4.3
 IDC 08 10:01:11.8,1.3,23.97S;66.56W,h200km,12km,mb3.9/15,
 mbmp4.4/22,Error ellipse: s-maj=13.5km s-min=9.9km
 az=70.0
 VAO 08 10:01:11.3,0.3,23.98S;66.72W,h215km,2km,mb4.7,
 Presumed earthquake
 GFZ 08 10:01:12.6,0.2,24.52S;67.2W,h208km,5km,ML4.6/17,
 mb4.5/17
 NEIC 08 10:01:12.2,1.5,24.02S;66.69W,0.08,h210km,6km,
 mb4.5/107,Error ellipse: s-maj=11.3km s-min=8.6km
 az=84.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
SALTA	SALTA	0.40	125	Op	10 01 42.5	+4.0
SALTA	SALTA	0.40	125	P	10 01 42.4	+4.0
SLA	San Lorenzo	1.30	124	iP	10 01 47.1	+3.8
SLA	SLA	1.30	124	iP	10 01 45.8	+3.8
HJA	Humahuaca	1.41	57	iP	10 01 48.4	+3.9
HJA	HJA	1.41	57	iP	10 02 21.1	
AF01	San Pedro de A	1.71	307	iP	10 01 50.6	+3.5
AF01	San Pedro de A	1.71	307	iS	10 02 19.8	+4.8
AF01	San Pedro de A	1.71	307	iS	10 02 26.1	
AF01	San Pedro de A	1.71	307	Pn	10 01 50.8	+3.7
YJY	Yavi	2.11	31	iP	10 01 55.0	+3.8
YJA	YJA	2.11	31	iP	10 02 33.0	
FSA	Cafayete	2.21	163	iP	10 01 54.6	+2.7
IP06	IPOC Station P	2.94	295	iP	10 02 02.5	+2.4
IP06	IPOC Station P	2.94	295	iS	10 02 40.7	+2.2
IP06	IPOC Station P	2.94	295	IAML	10 02 41.6	
IP06	IPOC Station P	2.94	295	Pn	10 02 02.4	+2.2
IP06	IPOC Station P	2.94	295	Pn	10 02 39.1	+0.6
IP06	IPOC Station P	2.94	295	Pn	10 02 40.7	+2.4
AHML	Horco Molle	3.04	156	iP	10 01 59.6	-1.6
AHML	AHML	3.04	156	iP	10 02 39.3	
IP09	IPOC Station P	3.21	312	iP	10 02 05.5	+2.1
IP09	IPOC Station P	3.21	312	iS	10 02 48.7	+1.9
IP09	IPOC Station P	3.21	312	Pn	10 02 06.0	+2.6
IP09	IPOC Station P	3.21	312	Pn	10 02 06.0	+2.6
IP09	IPOC Station P	3.21	312	Pn	10 02 06.0	+2.5
IP05	IPOC Station P	3.42	289	iP	10 02 40.7	+1.7
IP05	IPOC Station P	3.42	289	iS	10 02 49.9	+1.2
IP05	IPOC Station P	3.42	289	IAML	10 02 51.7	
IP05	IPOC Station P	3.42	289	Pn	10 02 07.3	+1.5
IP05	IPOC Station P	3.42	289	Pn	10 02 07.8	+1.8
IP03	IPOC Station P	3.42	304	iP	10 02 49.9	+1.1
IP03	IPOC Station P	3.42	304	iS	10 02 49.9	+1.1
IP03	IPOC Station P	3.42	304	IAML	10 02 50.6	
IP03	IPOC Station P	3.42	304	Pn	10 02 07.5	+1.6
IP03	IPOC Station P	3.42	304	Pn	10 02 07.8	+1.8
IP14	IPOC Station P	3.44	259	iP	10 02 07.9	+1.6
IP14	IPOC Station P	3.44	259	iS	10 02 50.4	+0.8
IP14	IPOC Station P	3.44	259	IAML	10 02 51.0	
IP14	IPOC Station P	3.44	259	Pn	10 02 07.8	+1.5
IP14	IPOC Station P	3.44	259	Pn	10 02 07.9	+1.6
AC02	Maricunga	3.59	217	iP	10 02 09.9	+1.7
AC02	Maricunga	3.59	217	iS	10 02 53.9	+0.9
AC02	Maricunga	3.59	217	IAML	10 03 21.0	
AC02	Maricunga	3.59	217	Pn	10 02 10.6	+2.5
AC02	Maricunga	3.59	217	Pn	10 02 10.7	+2.5
IP07	IPOC Station P	3.71	307	iP	10 02 11.0	+1.6
IP07	IPOC Station P	3.71	307	iS	10 02 56.1	+0.9
IP07	IPOC Station P	3.71	307	IAML	10 03 01.2	
IP07	IPOC Station P	3.71	307	Pn	10 02 10.9	+1.4
IP07	IPOC Station P	3.71	307	Pn	10 02 11.1	+1.6
IP07	IPOC Station P	3.71	307	Pn	10 02 13.9	+1.7

8d 10h

Table with columns: Station Name, Frequency, Power, Polarity, Azimuth, Elevation, SNR, and other parameters. Includes stations like SJMB Sao Joao De Ma, BSFB Barra de Sao F, RIB01 Linares ES, etc.

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Table with columns: Station Name, Frequency, Power, Polarity, Azimuth, Elevation, SNR, and other parameters. Includes stations like BOSA Boshof, MAW Maxwell, ESDC Sonseca Array, etc.

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Table with columns: Station Name, Frequency, Power, Polarity, Azimuth, Elevation, SNR, and other parameters. Includes stations like SOEI Soe, ABJI Asem Bagus, BBSI Bau Bau, etc.

MOS 08 10:17:47.6, 0.9:53S; 119:15E, h11km, mb5.1/51, Error ellipse: s-maj=10.9km s-min=5.2km az=116.3 BUJ 08 10:17:47.0, 9:70S; 119:10E, h10km, mb5.1/18, mb5.0/62, Ms4.8/38, Ms7.4/6/4

Table with columns: Code, Station Name, Azimuth, Elevation, Res, and other parameters. Includes stations like WBSI Waikabubak, WBSI Waingapu, WBSI Kabupaten Domp, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like ASAR Alice Springs, BKN1 Bangkok, and various other locations.

Table with columns for station code, name, frequency, and signal strength. Includes stations like JMJ Miyako jima 2, TOO Toolangi, ARMA Armidale, and various other locations.

Table with columns for station code, name, frequency, and signal strength. Includes stations like HHC comp=Z,89nm,4.4s, BTO2 Baotou, GOMU GeErMu, and various other locations.

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8d 10h

Table with columns for station name, frequency, power, and other parameters. Includes stations like ZSN Zaisan, KBL Kabul, TNSNS Tian-Shan, etc.

Table with columns for station name, frequency, power, and other parameters. Includes stations like BORK Borovoye, GOSPA South Pole, NRIK Noril'sk, etc.

Table with columns for station name, frequency, power, and other parameters. Includes stations like LPAZ La Paz, WBSI Waikabubak, KAPPI Kappang, etc.

IDC 08 10:23:29 6.0, 9.6SS, 118.91E, h0km, mb4.4/21, mblm4.4/25, ML4.4/4, Error ellipse: s-maj=23.6km s-min=12.1km az=68.0

NEIC 08 10:23:30 8.1, 9.79S, 0.07x118.88E, 0.06, h10km, 1km, mb5.2/33, Mw4.9/10, Error ellipse: s-maj=11.9km s-min=10.5km az=196.0

DJA 08 10:23:32 5.0, 3.10'S, 3x11'9"E, h10km, M5.5/42, mb5.2/32, mb6.0/8, MLV5.5/42, Mw(MB)5.6/8

GFZ 08 10:23:37 4.0, 2.10'S, 3x11'9"E, h58km, M5.0/31, mb4.8/31

ISC 08 10:23:31.0, 0.3, 9.83S, 0.05x118.88E, 0.04, h10km, n186, e182/174, mb4.8/85, MS4.3/4, 2D, Sumbawa region

Table with columns for Code, Station Name, Frequency, Power, and other parameters. Includes stations like WBSI Waikabubak, WSI Waigapu, DBNI Waingapu, etc.

Table with columns: Station, Name, Time, Az, Op, Phase, ID, Res, Time, Res. Includes stations like SONGAI DAREH, ALICE SPRINGS, RANTAU PRAPAT, etc.

Table with columns: Station, Name, Time, Az, Op, Phase, ID, Res, Time, Res. Includes stations like GAR Garm, CHGR Chuyangaron, SHAA Shahritus, etc.

Table with columns: Station, Name, Time, Az, Op, Phase, ID, Res, Time, Res. Includes stations like PMG Port Moresby, CTA Charters Tower, STKA Stephens Creek, etc.

Technical text block containing station identifiers and coordinates: IDC 08:10:24:01.9:0.4, 9:62S, 119:01E, h0km, mb4.8/28, mbmp4.8/32, ML4.6/4, MS4.0/1, Error ellipse: s-maj=17.7km, s-min=9.9km, az=71.0

8d 10h

Table of satellite data for the 8d 10h period, listing stations like BJ2, HHC, JTM, etc., with their respective coordinates and signal quality metrics.

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Main table of satellite data for August 2020, listing stations like BTK, BKTK, BTK, etc., with their respective coordinates and signal quality metrics.

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Table of satellite data for the 460 period, listing stations like SNA, SNA, SNA, etc., with their respective coordinates and signal quality metrics.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS Korea Array, MJAR Matsushiro Arr, USJAB Ussuriysk Arr, etc.

IDC 08 10:28:01.4+0.6, 9:65S; 118.75E, h0km, mb2.2/21, mbmp4.3/24, ML4.2/3, Error ellipse: s-maj=2.6km s-min=12.6km az=81.0

NEIC 08 10:28:02.2+0.8, 9:78S; 0:08h, 118.91E, 0:06, h10km, 1km, mb4.7/35, Error ellipse: s-maj=13.5km s-min=10.4km az=196.0

DJA 08 10:28:04.6+0.4, 10:5'S x 119'E, h10km, M5.0/16, ML5.0/16

ISC 08 10:28:01.9+0.4, 9:77S; 0:05h, 118.98E, 0:04, h10km, n88, s172/96, mb4.6/39, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, WSI Waingapu, DBNI Kabupaten Domp, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS Korea Array, EVN Everest, MJAR Matsushiro Arr, etc.

MOS 08 10:45:47.6+1.2, 9:54S; 119:10E, h10km, mb5.6/72, MS4.8/10, Error ellipse: s-maj=10.0km s-min=4.6km az=116.1

IDC 08 10:45:48.3+0.4, 9:61S; 119:03E, h0km, mb5.1/25, mbmp5.1/29, ML4.9/4, MS4.8/58, Error ellipse: s-maj=19.9km s-min=10.2km az=79.0

BUI 08 10:45:48.0, 9:70S; 119:00E, h10km, mb5.6/61, mb5.3/89, Ms5.3/89, Ms7.5/186

NEIC 08 10:45:49.2+1.5, 9:78S; 0:07h, 118.99E, 0:06, h10km, 1km, mb5.5/84, Mw5.3/17, Error ellipse: s-maj=12.6km s-min=10.4km az=197.0

GFZ 08 10:45:50.3+0.1, 10:5'S x 119'E, h10km, M5.4/73, mb5.5/73

DJA 08 10:45:50.4+0.1, 10:5'S x 119'E, h10km, M5.4/157, mb5.6/157, mb5.9/117, ML5.8/48, Mw(mB)5.5/117, Mw(mw)5.2/55, Mw(p5.4/55

GFZ 08 10:45:50.3, 9:71S; 118.93E, h35km, Mw5.4/77, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn=0.52; M1=1.46; M2=0.95; M3=0.02; M4=0.58; M5=0.03; Fault plane solution: M1:41134 x 1017, NP1: 6327.79166; 387.36848; 1.2.08204; NP2: 57.88750; 387.92019; 1.77.36674; Principal axes: T 1.5963, P1:0.82888; Azm192.82884; N -0.5142, Plg68.6449; Azm96.1647; P -1.0822, Plg3.32323; Azm282.8510; P

PTWC 08 10:45:51.1, 10:00S; 119:00E, h10km, Mw5.5/55

GCMT 08 10:45:54.0+1.1, 9:81S; 118.99E, h12km, Mw5.4/142, Moment Tensor Solution. s112,c196, s142,c278; Duration: 1s2 Moment tensor: Scale 10^17Nm; Mn=0.69; M1=1.76; M2=1.07; M3=0.04; M4=0.4; M5=0.52; M1=0.51; M2=0.51; M3=0.04; Best double couple: M1:1.66900 x 10^17, NP1: 320.00000; 365.00000; 1.155.00000; NP2: 320.00000; 370.00000; 1.26.00000; Principal axes: T 1.8590, P1:0.82888; Azm192.82884; N -0.5142, Plg68.6449; Azm96.1647; P -1.0822, Plg3.32323; Azm282.8510; P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, DBNI Kabupaten Domp, PLAI Plampang, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GNI, HAKKARI, BILIBINO, GEVAS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BELA SUR, LPSR, VNA1, BR131, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TXAR, CPUP, PTBG, RIB01, etc.

IDC 08 10:49:09.3, 2.0, 9.64S, 118.90E, h0km, mb4, 3/9, m-bmp4, 4/10, ML4, 7/1, Error ellipse: s-maj=61.6km s-min=36.9km az=121.0
NEIC 08 10:49:10.1, 0.0, 9.76S, 0.09, 118.95E, 0.07, h10km, 1km, mb4, 8/19, Error ellipse: s-maj=15.3km s-min=11.7km az=189.0
DJA 08 10:49:13.0, 0.0, 10.0S, 6.11, 118.9E, h10km, M4, 9/13, MLV4, 9/13
ISC 08 10:49:09.5, 0.5, 9.82S, 0.06, 118.95E, 0.04, h10km, n59, e1507/57, mb4, 7/22, Sumbawa phase

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

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Taliwang, Maumere, Kahang-Kahang, Singaraja, Makassar, Kappang, etc.

SIGU 08 11:17:16.1, 47.01N, 26.78E, h5km, mb2.3
BUC 08 11:17:17.0, 0.2, 47.01N, 26.82E, h5km, 1km, m12/7/38,
Error ellipse: s-maj=1.2km s-min=0.9km az=27.0
ISC 08 11:17:16.1, 1.1, 47.06N, 0.02, 26.85E, 0.02, h3km, 10km,
n44, c055276, 31C-36Z, Romania

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like GIRR, IASR, BICAZ, RASCA, etc.

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like GHRH, TURR, VRI, OZUR, Plostina, Bucovinia Array, etc.

HEL 08 11:17:32.0, 0.2, 67.66N, 30.89E, h0km, ML1.5, Explosion
KOLA 08 11:17:37.0, 0.4, 67.61N, 0.03, 30.36E, 0.09, h0km,
M2.5(MOS). The earthquakes of Russia in 2020. Obninsk,
GS, RS, AZ.
ISC 08 11:17:35.3, 0.8, 67.55N, 0.04, 30.35E, 0.03, h0km, n14,
c077127, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like VRF, APA, KVD, SGF, etc.

NEIC 08 11:22:10.0, 0.9, 16.95N, 10.146, 3E, 0.2, h54km, 10km,
mb4.3/19, Error ellipse: s-maj=32.9km s-min=12.2km
az=104.0
ISC 08 11:22:09.4, 3.9, 16.88N, 146.48E, h58km, 36km, mb3.5/12,
mbmp3.8/13, ML4.2/1, MS4.0/1, Error ellipse:
s-maj=31.5km s-min=16.5km az=81.0
ISC 08 11:22:10.6, 0.7, 16.87N, 0.07, 146.48E, 0.2, h68km, n46,
c057842, mb4.0/22, Mariana Islands

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like VRF, APA, KVD, SGF, etc.

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like DPSS, GUMO, GUMU, H11S1, etc.

MAN 08 11:25:59.0, 5.39N, 127.04E, h20km, MS3.6
IDC 08 11:25:59.0, 1.0, 4.90N, 125.11E, h0km, mb3.8/6,
mbmp3.8/7, ML4.0/1, Error ellipse: s-maj=52.2km
s-min=18.2km az=77.0
NEIC 08 11:26:01.3, 2.0, 4.99N, 0.06, 125.3E, 0.1, h10km, 1km,
mb4.1/9, Error ellipse: s-maj=20.2km s-min=10.4km
az=270.0
ISC 08 11:26:00.9, 3.0, 5.40N, 0.06, 127.05E, 0.09, h29km, 21km,
n20, c057937, mb4.0/11, Philippine Islands

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like DDMP, GSPH, DAV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WSI Waingapu, DBNI Kabupaten Domp, LBFI Labuhan Bajo, etc.

NEIC 08 11:54:55.6r.1.28.56N.0.07.129.60E.0.10. h55km,8km, mb4.4/18. Error ellipse: s-maj=12.9km s-min=8.9km az=112.0

NIED 08 11:54:55.4.28.62N.129.63E. h47km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn=-0.89; Mw=0.67; Mx=1.56; My=0.52; Mz=0.73; Mx0.73; My0.50; Fault plane solution: Ms1.61000x1015 Np1: 0.340.00000; 346.00000; -148.00000; -148.00000; 627.00000; 668.00000; -148.00000;

ISC 08 11:54:55.0.0.7.28.55N.0.04.129.70E.0.04. h57km,6km, n78. c099/94, mb4.2/23, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include Code Station Name, Amami Oshima, Kikaishima, Waikabubak, Su, Waingapu, Kabupaten Domp, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include Code Station Name, Mitsune, Matushiro, Matushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

ISC 08 12:29:48.9.2.0.9.56S. 119.04E, h0km, mb3.2/1, mbmp3.3/5, ML3.4/4, MS3.0/1, Error ellipse: s-maj=50.7km s-min=14.0km az=72.0

ISC 08 12:29:50.4.0.9.83SS.0.07.119.04E.0.06. h10km, n15, c205/15, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include Code Station Name, Waikabubak, Su, Waingapu, Kabupaten Domp, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include Code Station Name, Little Sitkin, Little Sitkin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include KIWB comp=E,236nm,1.0s, ADK Adak, ADK Adak, etc.

ISC 08 12:31:50.2.0.8.52.08N. 176.88E, h0km, mb3.8/16, mbmp3.9/20, ML3.4/3, MS3.4/4, Error ellipse: s-maj=23.4km s-min=13.1km az=2.0

ISC 08 12:31:51.6.0.5.52.06N.0.10.176.70E.0.03. h10km, n163, c1843/126, mb4.3/61, MS3.9/5, Rat Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include Code Station Name, Kodiak Island, Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include Code Station Name, Little Sitkin, Little Sitkin, etc.

Table with columns: ID, Station Name, Az, Phase, Time, Res, and various station codes like M27K, L27K, BCAR, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res, and various station codes like KBS, KRS, KRS, etc.

Table with columns: VLAD, Vladia, BARS, Barje, ZAGS, Zajecar, SRS, Serrai, PUNG, Punghina, etc.

IOC 08 12:48:46.6:1.8, 1.43N-91.43E, h0km, mb3.7/6, mbmp3.7/8, ML3.5/2, Error ellipse: s-maj=42.5km s-min=21.4km az=23.0

ISC 08 12:48:47.5:1.5, 1.4N-92.0:91.2E:0.2, h10km, n11, c0931/8, mb3.8/6, North Indian Ocean

Table with columns: Code, Station Name, Az, Phase, Time, Res, and various station codes like PALK, Pallekele, CMAR, Chiang Mai Arr, etc.

AEIC 08 12:52:57.9:2.4, 54.77N-0.06:158.19W:0.07, h28km, 3km, Error ellipse: s-maj=8.5km s-min=5.2km az=165.0

MOS 08 12:52:58.0:9.4, 54.97N-158.57W, h26km, mb5.8/82, MS5.1/38, Error ellipse: s-maj=8.3km s-min=4.2km az=99.1

IOC 08 12:52:58.2:3.4, 54.95N-158.54W, h18km, 14km, mb5.1/36, mbmp5.2/42, ML4.4/6, MS5.0/90, Error ellipse: s-maj=12.5km s-min=8.8km az=166.0

BUI 08 12:52:58.5:5.0:11N-159.18W, h18km, mb5.5/68, MS6.7/57, MS5.6/85, MS7.5/433

NEIC 08 12:52:59.0:54.94N-158.41W, h21km, NEIC 08 12:52:59.7:1.6, 54.93N-158.45W:0.05, h32km, 3km, mb5.2/709, ML5.6/40, Mw5.4/122, Mw5.3/25, Mw5.4/54, ML5.3(AEIC), Error ellipse: s-maj=6.8km s-min=3.9km az=175.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M0:0.71; M1:0.73; M2:0.01; M3:0.69; M4:0.03; M5:1.02; Fault plane solution: M1.420000x10^17 NP1:0.45, 64.0000, 87.740000, 1.72, 580000. NP2: 0.280, 080000, 321, 590000, 1.142, 450000. Principal axes: T 1.5701, P1g55.0000, Azm294.0000; N -0.3634, P1g71.0000, Azm50.0000; P -1.2067, P1g30.0000, Azm150.0000; Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M0:1.71; M1:0.21; M2:0.23; M3:0.02; M4:0.73; M5:0.03; M6:0.97; Fault plane solution: M1.230000x10^17 NP1:0.38, 14.0000, 8.66, 200000, 1.83, 900000. NP2:0.276, 250000, 87.170000, 1.47, 900000. Principal axes: T 1.2824, P1g48.0000, Azm302.0000; N -0.1046, P1g6.0000, Azm39.0000; P -1.1777, P1g41.0000, Azm134.0000.

GFZ 08 12:52:59.6:0.1, 55.15N-3.15W:0.01, h20km, M5.3/210, mb5.8/168, mb5.4/210, Mw5.4/9, Mw(MB)5.3/168

PTWC 08 12:52:59.6:54.95N-158.42W, h22km, Mw5.6/110, Azm150.0000; Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M0:1.510000x10^17 NP1: 0.245, 400000, 812, 060000, 1.15, 810000. NP2: 0.39, 900000, 87.9, 160000, 1.84, 690000. Principal axes: T 1.5162, P1g56.0000, Azm302.0000; N -0.0187, P1g5.0000, Azm40.0000; P -1.4975, P1g34.0000, Azm134.0000.

GCMT 08 12:53:02.0:1.5, 54.87N-0.01:158.40W:0.01, h25km, Mw5.5/145, Moment Tensor Solution. s119c219; s145c276; Duration: 1s3 Moment tensor: Scale 10^17Nm; M0:0.56; M1:0.45; M2:0.45; M3:0.11; M4:0.11; M5:1.33; M6:0.56; M7:1.01; M8:1.01; M9:0.3; Best double couple: M2.063000x10^17 NP1:0.252, 000000, 811, 000000, 1.18, 000000. NP2:0.43, 000000, 880, 000000, 1.85, 000000. Principal axes: T 1.9260, P1g55.0000, Azm307.0000; N 0.2730, P1g5.0000, Azm44.0000; P -2.1990, P1g35.0000, Azm136.0000; n1s1 refers to body waves, cutoff=40s. n1s2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 08 12:53:05.8:54.94N-158.41W, h22km, Moment Tensor Solution. Duration: 2s6 Moment tensor: Scale 10^17Nm; M0:0.56; M1:0.36; M2:0.20; M3:0.86; M4:0.29; M5:1.10; M6:0.56; M7:1.01; M8:1.01; M9:0.3; Best double couple: M2.063000x10^17 NP1: 0.245, 400000, 812, 060000, 1.15, 810000. NP2: 0.39, 900000, 87.9, 160000, 1.84, 690000. Principal axes: T 1.5162, P1g56.0000, Azm302.0000; N -0.0187, P1g5.0000, Azm40.0000; P -1.4975, P1g34.0000, Azm134.0000.

BGR 08 12:53:08.3:55.95N-159.31W, h33km, mb5.2, Ms4.8

ISC 08 12:52:59.6:0.3, 54.90N-0.04:158.45W:0.03, h25km, 1km, n41, c294/61, mb3.5/5, 6C, Svalbard region

DNK 08 12:36:39.9:4.4, 78.55N:6.81E, h5km, 55km, ML1.9, Presumed earthquake
BER 08 12:36:40.8:2.1, 78.48N:7.12E, h10km, Mw4.3, ML1.9(DNK), Confirmed Earthquake
KOLA 08 12:36:42.4, 78.41N:8.33E, h0km, ML3.5, Error ellipse: s-maj=14.5km s-min=9.1km az=90.0, Greenland sea, Knipovich ridge, middle
FCIAR 08 12:36:43.0, 78.48N:7.80E, h10km, station OMEGA has station magnitude of 3.10
IOC 08 12:36:44.1:1.3, 78.23N:8.21E, h0km, mb3.5/5, mbmp3.5/9, ML2.8/4, Error ellipse: s-maj=21.7km s-min=18.0km az=4.0

SOF 08 12:47:16.9:42.72N:0.01:23.77E:0.01, h14km, 1km, MD2.7
BEO 08 12:47:16.8:0.1, 42.78N:23.81E, h3km, 2km, ML2.6/15
ISC 08 12:47:17.1:1.0, 42.75N:0.02:23.77E:0.02, h9km, 9km, n44, c0877/15, 1C-13B, Bulgaria

Table with columns: Code, Station Name, Az, Phase, Time, Res, and various station codes like PLNA, PLNA, PGB, Panagyurishte, etc.

8d 12h

2020 AUG

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like GDXM Geysers, MFID Camas Ranch, MPK Martis Peak, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like KUR Kuril'sk, SZCU Shurtz Canyon, RDMU Red Mountain, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like GRNR comp=N,40nm,0.8s, GRNR comp=E,50nm,0.8s, etc.

80u 12h

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like Dourbes, Rochefort, Moxa, etc.

2020 AUG

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like KSH2, OKC, QIZ, etc.

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Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like TNCH, KESH, KECS, etc.

8ed 13h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kesra, North Rockhamp, Kappang, etc.

TAP 08 13:19:13.6, 24.21N, 121.70E, h31km, ML3.7, B
JMA 08 13:19:13.0-1.2, 24.2N, 0.3-121.7E, 0.5, h33km, MV2.7/13,
TAIWAN REGION
ISC 08 13:19:13.0-1.0, 24.18N, 0.0-121.71E, 0.0, h29km, 3km,
n190, i06/36G, 2C-1D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other technical details. Includes stations like ETL, NACB, EHP, etc.

2020 AUG

Main table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LXIB, LXIL, LXIL, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ZUZH, WNT, WNT, etc.

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

SSNC 08 13:36:49.2, 2.2, 20.13N, 70.82W, h5km, 13km, MD3.7, ML3.4, Presumed earthquake

OSPL 08 13:36:49.0, 2.2, 20.16N, 70.72W, h0km, 15km, ML3.3, Presumed earthquake

ISC 08 13:36:47.5, 1.6, 20.15N, 0.03, 70.79W, 0.09, h17km, 13km, n18, c127/10, 1D, Dominican Republic region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Punta Rusia, Presa de Saban, Grand Turk, etc.

ISC 08 13:58:14.6, 0.8, 3.50S, 139.48E, h0km, mb3.8/10, mbmp3.9/13, ML4.2/3, MS3.3/3, Error ellipse: s-maj=25.3km s-min=13.3km az=83.0

ISC 08 13:58:20.4, 0.7, 3.63S, 0.08, 139.33E, 0.1, h37km, n15, c2563/17, mb3.8/9, Irian Jaya

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Moresby, Warramunga Arr, Alice Springs, etc.

ISC 08 14:13:05.4, 1.0, 41.79N, 142.80E, h0km, mb3.6/11, mbmp3.6/13, ML3.0/2, MS3.5/2, Error ellipse:

s-maj=24.2km s-min=18.0km az=112.0 JMA 08 14:13:10.3, 0.1, 41.6N, 0.7, 142.8E, 0.9, h37km, 2km, MV3.8/5, E OFF AMORI PREF

JMA Felt J1 at E OFF AMORI PREF NIED 08 14:13:10.3, 41.60N, 142.76E, h37km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn:0.74; M1:1.95; M2:2.69; M3:2.01; M4:0.33;

ISC 08 14:13:11.2, 1.1, 41.62N, 0.05, 142.78E, 0.05, h42km, 10km, n18, c106/40, mb3.5/11, 8D, Hokkaido region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Erimo, Urakawa-nobuka, Tokachihiroo, etc.

ISC 08 14:25:58.2, 0.5, 9.15N, 40.36W, h0km, mb4.2/24, s-maj=15.2km s-min=11.6km az=132.0

GFZ 08 14:25:59.5, 0.2, 9.14N, 40.36W, 0.1, h10km, MB4.7/31, mb4.7/31

NEIC 08 14:26:00.7, 1.5, 9.09N, 0.03, 40.5W, 0.1, h10km, 1km, mb4.8/40, Error ellipse: s-maj=18.3km s-min=5.2km az=98.0

GCMT 08 14:26:01.7, 0.4, 9.15N, 0.05, 40.34W, 0.02, h18km, 1km, MW4.8/67, Moment Tensor Solution. s26, c29; s67, c82;

ISC 08 14:25:59.7, 0.3, 9.18N, 0.07, 40.43W, 0.07, h10km, n167, c1905/145, mb4.6/88, MS3.8/12, 1D, Central Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Montagnes des, Alice Springs, Parauapebas, etc.

ISC 08 14:25:59.7, 0.3, 9.18N, 0.07, 40.43W, 0.07, h10km, n167, c1905/145, mb4.6/88, MS3.8/12, 1D, Central Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Araguaiana, Santo Antonio, Pentes e Lamer, etc.

2020 AUG

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase, ID, Op, h, m, s, ISC. Includes stations like ALPN Alpine, YSMB Yuhne, TSUM Tsumeb, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, h, m, s, ISC. Includes stations like DOL Dolgo Island, HAG Hague Volcano, PSAA Pavlov South-4, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase, ID, Op, h, m, s, ISC. Includes stations like OHAK Old Harbor, O16K Kokovik River, P17K Kvichak River, etc.

BUJI 08 14:42:53.2, 55.10N, 161.84W, h37km, mb5.6/52, mb5.9/22, Mb5.2/94, Mb7.5/2/61

Azm320.91722; N 0.3583, Plg3.6870; Azm60.6404; P -2.3686, Plg20.5259; Azm152.0228; NEIC 08 14:42:54.1, 2.4, 54.71N, 0.04, 161.11W, 0.04, h39km, 3km,

ILAR comp=Z, 24nm, 0.7s, baz=206, slow=9.8, SNR=1.0 LR SN 14 48 00.3 -1.9

8d 14h

2020 AUG

Table with columns for station name, frequency, and various signal quality metrics (P, X, S, etc.). Includes stations like Saint Sauveur, Manado, Makhachkala, Tatarca, etc.

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

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

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like PBAR Barrancos, MAHO Ithor, PRAC Prado, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like PBA Port Blair, PBA PBA, EIDS Eidsvold, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like JRN Qarnain Island, GSI Gunungsitoli, CZSB Cruzeiro do Su, etc.

Code Station Name Δt AZ P Phase ID h m s ISC
BOZK Kars-Merkez-Bo 0.48 26 P Pg 15 08 01.4 -0.1
BOZK Kars 0.55 32 P Pg 15 08 02.4 -0.4
SENK Senkaya-Erzurum 0.48 326 P Pg 15 08 07.7 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R16K, R17L, PLK1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSSI, DNP, IGBI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SLVN, YHNB, CMAR, etc.

Technical notes and data for station BUJ: BUJ 06:16:32:29.1, 9.70Sx119.00E, h10km, mB5.1/17, mb4.9/56, MS4.6/36, MS7.4/35...

Code Station Name Az Phase ID Time Res

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like ASAR Alice Springs, AS11 Alice Springs, AS01 Alice Springs, etc.

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like HHT Hallett, HHT Hallett, HNS HongShan, etc.

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like ZEA Zeya, ZEA Zeya, ZEA Zeya, etc.

Table with columns: Station, Name, Time, Az, El, AzE, ElE, Phase, ID, Time Res, Res. Includes stations like BTk, BTLs, Baital, KURBS, etc.

Table with columns: Station, Name, Time, Az, El, AzE, ElE, Phase, ID, Time Res, Res. Includes stations like OHAK, VRH, D20K, KDAK, etc.

Table with columns: Station, Name, Time, Az, El, AzE, ElE, Phase, ID, Time Res, Res. Includes stations like H29M, I29M, ARCES, etc.

KRSC 08 16:57:46.6:0.6, 61.00N:166.45E, h27km:5km, M14.0
NERS 08 16:57:47.9:0.60:98N:166:29E, h10km
ISC 08 16:57:47.0:1.4, 61.04N:166.42E:0.0:08, h10km, n10,
c255:15, 17, Eastern Siberia

Table with columns: Station Name, Time, Res, ISC. Includes stations like TLAR Talaya, SEY Seymchan, BILL Bilobino, MGD Magadan, MA2 Magadan, SUUS Susuman.

IDC 08 16:59:23.6:1.8,9:64S:119:07E,h0km,mb4,1/8, mbmp4,1/10,MS3,3/1, Error ellipse: s-maj=28.1km s-min=25.9km az=53.0

ISC 08 16:59:24.8:1.8,9:75S:0:3,119:11E:0:4,h10km,n11, -0:75/10:26,Sumba region mb4.2/8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, WRA Warrungga Arr, ASAR Alice Springs, MJAR Matsushiro Arr, USRK Ussuriysk Ar, SONM Songino Array, HILR Hailar Array B, MKAR Makanchi Array, KURBB Kurchatov Arra, ZALV Zalesovo Beam, PETK Petropavlovsk.

IDC 08 17:22:38.0:1.7,64:42N:149:36W,h0km,mb3.6/2, mbmp3.5/6,ML3.4/4, Error ellipse: s-maj=28.7km s-min=12.4km az=143.0

NEIC 08 17:22:38.1:1.5,64:09N:0:02:149:04W:0.74,h1km2km, ML3.6/24S,ML3.4/A(EIC), Error ellipse: s-maj=3.1km s-min=1.7km az=122.0

AEIC 08 17:22:38.6:1.7,64:08N:0:03:149:03W:0.05,h14km,4km, Error ellipse: s-maj=4.2km s-min=3.4km az=163.0

ISC 08 17:22:38.0:1.0,64:10N:0:02:149:05W:0:02,h8km2,8km, n213,-0:9/191,Central Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BWN Browne, BWN Browne, MCK McKinley, NEA2 Nenana, WRH Wood River Hill, RND Reindeer, CCB Clear Creek Bu, MDM Murphy Dome, COLA College, HDA Harding Lake, I23K Milto, YUKON-K, PS08 TAPS Pump Stn8, ILAR Eielson Array, ILAR Eielson Array, MLY Manley, POKR Poker Plat Res, PS07 TAPS Pump Stn7, DHY Denali Highway, WAT7 Susitna Watana, WAT1 Susitna Watana, CHUM Lake Minchumini, K24K Donnelly Dome, K24K Donnelly Dome, K24K Donnelly Dome, CAST Castle Rocks, PS10 TAPS Pump Stn10, WAT6 Susitna Watana, I21K Tanana, J25K Salcha River, H23K Yukon River, L22K Petersburg, CUT Chulitna, PS06 TAPS Pump Stn6, H24K Noodor Dome, PPLA Purkeypile, RIDG Independent Ri, PAX Paxson.

Table with columns: Station Name, Time, Res, ISC. Includes stations like PAX comp=N,543nm,0.6s, H22K Ishaltina Cre, PRP Porcupine Dome, PRP comp=N,506nm,0.4s, J20K Nowinta River, J20K comp=N,343nm,0.4s, H21K Melozitna Rive, H21K comp=N,439nm,0.5s, SML Sawmill, SML comp=E,454nm,1.0s, GHO Glory Hole Cre, K20K Telida, K20K comp=N,304nm,0.6s, K20K comp=N,262nm,0.7s, M22K Willow, SCM Sheep Creek Mo, SKT Skwentna, SKT comp=N,276nm,0.5s, HARP Naighdeneel, I20K Palmer, PMR comp=N,403nm,1.0s, H25L TAPS Pump St11, PS11 Mentasta, G23K Bananza Creek, G24K Hadweencik Riv, G24K comp=N,200nm,0.8s, KNK Knik Glacier, KNK comp=N,358nm,1.0s, IMAR Indian Mountain, L26K Log Cabin Wild, I26K Coal Creek Min, I26K Coal Creek Min, I26K comp=N,229nm,0.4s, J19K Poorman, J19K comp=E,171nm,0.8s, J19K comp=N,171nm,0.7s, M20K Styx River, M20K Arctic Village, STLK Strandline Lak, G25K Bearman Lake, FYU Fort Yukon, KLU Klutina, KLU comp=E,199nm,0.6s, RC01 Rabbit Creek, RC01 Rabbit Creek, K27K Chicken, G21K Allakaket, G21K Allakaket, G21K comp=N,152nm,0.6s, SPCG Spurr Capps Gi, SPCG Spurr Capps Gi, COLD Coldfoot, M26K Nabesna, AK, M26K comp=N,234nm,0.5s, N25K Chitina, Valde, N25K Chitina, Valde, SPU Mount Spurr, L19K White Mountain, L19K comp=E,177nm,0.9s, L19K comp=N,120nm,0.9s, PWD Port Wells, DIV Divide, DIV Divide, GLI Glacier Island, GLI Glacier Island, BC01 Beaver Creek, L27K Beaver Creek, L27K comp=E,110nm,0.4s, L27K comp=N,152nm,0.7s, BCAR Beaver Creek A, J18K Innoko River, J18K Innoko River, F24K Squaw Lake, F24K comp=E,130nm,0.6s, I27K Kandik River, I27K Kandik River, FID Port Fidalgo, FID Port Fidalgo, FID comp=N,134nm,0.9s, FID comp=E,151nm,0.7s, GLB Gilahina Butte, GLB comp=N,146nm,1.0s, GLB comp=N,146nm,1.0s, F21K Alatina River, SLKM Skilak Lake, SLKM Skilak Lake, M27K Edge Creek, AK, M27K Edge Creek, AK, M27K comp=N,110nm,0.9s, BMRM Bremner River, BMRM Bremner River, F25K Christian River, F25K Christian River, BM04 Burnt Mountain, H27K Steamboat Moun, H27K comp=E,106nm,0.9s, VRDI Verde Repeater, VRDI Verde Repeater, RDT Redoubt.

Table with columns: Station Name, Time, Res, ISC. Includes stations like EYAK Cordova Ski Ar, EYAK comp=E,78nm,0.7s, MCARA McCarty VSAT, HIN Hinchinbrook I, L18K Granite Mounta, L18K comp=N,87nm,0.8s, L18K comp=E,69nm,0.7s, G19K Purcell Mounta, G19K Purcell Mounta, E23K Chandalar, E23K comp=E,62nm,0.7s, E24K Your Creek, E24K comp=N,71nm,0.7s, E24K comp=N,65nm,0.6s, SEW Seward, SEW Seward, G27K Doyon Strip, I28M Miner Creek, I28M Miner Creek, I28M comp=N,64nm,0.7s, F26K Sheenjek River, H18K Honokaa River, N19K Bonanza Creek, N19K Bonanza Creek, N19K comp=N,59nm,0.8s, N19K comp=N,70nm,0.8s, P23K Montague Islan, E22K Anaktuvuk Pass, PTFK Patty Peak, DAWY Dawson, DAWY Dawson, E25K Arctic Village, E25K Arctic Village, CRQM Cirque, CRQM Cirque, PS04 TAPS Pump Stn4, YUK2 White River, TGL Tana Glacier, TGL Tana Glacier, BRLL Bradley Lake, BRLL Bradley Lake, J17K VABM Dome, J17K VABM Dome, ILSW Iliamna South, F19K Shalericuk Mo, F19K comp=N,48nm,0.9s, TOLK Toolik Lake Re, TOLK Toolik Lake Re, BARN Bernard Glacie, L17K Donlin, N18K Kilae Creek, N18K comp=E,45nm,0.8s, CNPM China Poot, CNPM China Poot, M17K Hoflira River, KAIM Kayak Island, J29N Klondike Camp, E19K Redstone River, H17K Granite Mounta, H17K comp=E,37nm,0.5s, I29M Oglivie Camp, I29M comp=N,57nm,0.1s, GRNC Granite Creek, GRNC Granite Creek, E21K Killik River, D23K Nanushuk River, D23K Nanushuk River, LOGN Logan Glacier, L29M L29M, H29M Whitestone, H29M comp=E,44nm,1.2s, M29M Somme Creek, M29M Somme Creek, YAH Yahiye, YAH Yahiye, YAH comp=E,37nm,2.3s, D24K Happy Valley, D24K Happy Valley, D24K comp=N,47nm,0.7s, K29M Barlow Dome, K29M Barlow Dome, K29M comp=N,54nm,0.6s, E27K Coleen River, E27K comp=N,32nm,0.9s, F18K Selawik, I17K Unalakleet, I17K comp=N,37nm,0.8s, O18K Koktuh Hills, O18K comp=N,31nm,1.1s, O18K comp=N,31nm,1.1s, F28M Old Crow, F28M Old Crow, J16K Anvik River, J16K comp=N,28nm,1.1s, N17K Nushagak Hills, N17K comp=N,47nm,0.9s, N17K comp=N,49nm,1.0s, L16K Owhat River, L16K comp=N,30nm,0.8s, L16K comp=N,27nm,1.6s, D25K Kavik River, D25K comp=N,34nm,1.3s, D25K comp=N,22nm,1.1s, G29M Pine Creek, D20K Etiuvik River, J30M Hart River, I30M Mount Dempster, C21K Knifeblade Rid.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Q19K Cape Douglas, F17K Baldwin Pennin, EPYK Eagle Plains, etc.

IDC 08 17:24:11.7-2.8,3.3:77Sx178.96W,h0km,mb4.02, mbmp4.03,ML4.0/1, Error ellipse: s-maj=67.4km, s-min=43.1km az=127.0

NEIC 08 17:24:13.4-0.9,34.0S:0.1x178.93W:0.05,h10km,2km, mb4.1/6, Error ellipse: s-maj=21.9km s-min=7.6km az=183.0

WEL 08 17:24:16.6:1.1,34.5Sx177.9W:1.3,h12km,M4.1/11, mb4.7/3,ML4.0/10,MLV4.1/11,Mw(mb)4.0/3, Error ellipse: s-maj=19.3km s-min=7.2km az=116.6, confirmed

ISC 08 17:24:11.1+1.8,33.99S:0.1x178.6W:0.2,h10km,n37, r184/52,mb4.0/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MXZ Mataoka Point, WMGZ Waioamatini S, WMGZ Waioamatini S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FITZ Iamb Iamb, FINES FINES Array B, etc.

NOU 08 17:54:00.7,19.26S:169.65E,h192km,MLV3.8/13, Vanuatu Islands, Vanuatu Islands

AEIC 08 17:57:33.8+1.0,52.7N:0.1x169.0W:0.1,h68km,6km, Error ellipse: s-maj=19.1km s-min=4.5km az=152.0

NEIC 08 17:57:33.9-0.9,52.6N:0.1x169.0W:0.07,h50km,14km, ML3.5/18,ML3.0(AEIC), Error ellipse: s-maj=16.8km, s-min=2.6km az=161.0, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CLCO Concord Point, CLOS Cleveland East, etc.

AKMO Akutan Ground 2.31 47 Pn 17 58 09.6 +0.1 AKRB Akutan Reef Bi 2.31 46 Pn 17 58 09.9 +0.4

ZRO Akutan Zero 2.33 48 Pn 17 58 09.7 0.0 ZRO Akutan Zero 2.33 48 Pn 17 58 30.0 +0.9

LVA Lava Point 2.35 46 IAML 17 58 10.3 +0.3 LVA comp=N,198nm,0.7s IAML 17 58 56.6

AKUT Akutan 2.45 49 IAML 17 58 10.5 -0.8 AKUT comp=E,20nm,0.8s IAML 17 58 54.5

KOSE Korovin South 3.16 268 Pn 17 58 21.8 +0.6 KOFK Korovin Flat P 3.19 267 Pn 17 58 22.2 +0.6

KOKL Mount Kluechep 3.25 266 Pn 17 58 22.7 +0.3 ATKA Atka Island 3.27 266 Pn 17 58 59.3 -0.8

SSBA Shishaldin 3.60 50 Pn 17 58 27.6 +0.4 ISNN Insnanort 3.80 51 Pn 17 58 30.2 +0.3

GSIG Igitkin Island 4.35 265 Pn 17 58 37.8 +0.3 GSTR Great Sitkin T 4.42 267 IAML 17 59 48.9

GSTD Great Sitkin T 4.47 266 Pn 17 58 39.3 +0.1 GSKA Great Sitkin C 4.49 266 Pn 17 58 39.7 +0.2

GTCK Kagalaska Isla 4.67 264 Pn 17 58 41.7 -0.1 DTUN Dutton Round H 4.68 54 Pn 17 59 02.5 +0.5

SPIA Saint Paul Isl 4.69 351 Pn 17 58 40.9 -1.2 SPIA IAML 18 00 33.0

DTNA Dutton South I 4.71 54 Pn 17 58 42.7 +0.3 ADK Adak 4.83 265 IAML 17 59 43.6

ADK comp=E,29nm,0.9s IAML 18 01 27.4 DOL Dolgoprudny 4.91 55 Pn 17 58 45.5 +0.4

KIWB Kanaga Island 5.12 265 Pn 17 58 47.5 -0.5 KIWB IAML 18 00 44.6

KIWB comp=N,39nm,1.1s IAML 18 00 50.4 SDPT Sand Point 5.70 57 Pn 17 58 55.3 -0.6

CNBA Chernabura Isl 5.98 64 Pn 17 58 59.5 -0.1 GAKI Gareloi-Kavaler 6.02 265 Pn 17 59 02.5 -0.2

WNFG Fog Glacier, M 6.21 52 Pn 17 59 07.6 -0.8 CHGN Chignik 7.17 54 Pn 17 59 15.6 -0.4

AMKA Amchitka 7.39 265 Pn 17 59 18.4 -0.6 O14K Tiguykaiwet M 7.96 30 Pn 17 59 26.8 +0.1

M11K Mekoryuk 7.98 10 Pn 17 59 27.0 -0.1 O15K Ungalikthiuk R 8.36 34 Pn 17 59 32.7 +0.4

N14K Kuskokwak Cree 8.40 26 Pn 17 59 33.6 +0.8 N13K Dall Lake 8.45 19 Pn 17 59 34.1 -0.4

N15K Kwethluk River 9.05 29 Pn 17 59 41.8 +0.1 M14K Bethel 9.05 22 Pn 17 59 40.7 -1.0

O16K Kokwok River B 9.27 36 Pn 17 59 44.7 -0.1 L14K Kuka Creek 9.43 19 Pn 17 59 45.7 -1.2

IDC 08 18:12:36.0-0.7,53.97S:159.25E,h0km,mb4.5/9, mbmp4.4/10,ML3.6/1,MS3.8/29, Error ellipse: s-maj=34.6km s-min=15.6km az=71.0

GFZ 08 18:12:37.6:0.3,54.5Sx15.9E:1.1,h10km,M4.7/12, mb4.7/12, Error ellipse: s-maj=10.8km s-min=9.1km az=87.7, confirmed

NEIC 08 18:12:38.1+1.2,54.01S:0.0x159.2E:0.2,h10km,1km, mb4.8/43, Error ellipse: s-maj=20.2km s-min=5.7km az=103.0

ISC 08 18:12:38.2+1.4,54.01S:0.0x159.27E:0.07,h13km,9km, n242,r137/224,mb4.8/34,MS3.9/29,200-10D, Macquarie Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MCQ Macquarie Isla, APZ The Paps, etc.

RPZ baz=23,slow=16,SNR=3.5 LR 18 19 50.5 RPZ comp=Z,38nm,19.8s,baz=134,slow=34 comp=Z,2.2nm,0.7s LR 18 19 50.5

RPZ Rata Peaks 12.87 42 AML AML 18 15 44.6 +3.9 RPZ Wakanui South 13.00 44 Pn 18 15 44.8 +2.3

MHCZ Mount Hutt 13.23 43 Pn 18 15 48.5 +2.8 RACZ Rakaia 13.30 45 Pn 18 15 49.0 +2.4

AKCZ Akaroa Harbour 13.51 47 Pn 18 15 51.8 +2.4 MKCZ McQueen's Vall 13.53 46 Pn 18 15 49.9 +0.1

GAZ Gannetscough 10.92 41 Pn 18 15 42.0 +2.8 OXZ Oxford 13.59 43 Pn 18 15 51.6 +1.0

OXZ Oxford 13.59 43 Pn 18 15 52.4 +1.8 TAU Tasmania Univ 13.62 320 Pn 18 15 49.7 -1.3

TAU Tasmania Univ 13.62 320 Pn 18 15 49.5 -1.4 KCZC Okains Bay 13.69 47 Pn 18 15 54.6 +2.7

MOO Moorlands 14.07 320 Pn 18 15 56.3 -0.8 MOO Moorlands 14.07 320 Pn 18 15 56.2 -0.8

LTZ comp=Z,38nm,1.0s IAML 18 15 60.0 +1.9 LVZ Greta Valley S 14.30 45 Pn 18 16 03.2 +3.0

KHZ Kahutara 14.96 45 Pn 18 16 11.6 +2.4 KHZ Kahutara 14.96 45 Pn 18 16 09.5 +3.0

GLAD comp=Z,35nm,1.9s IAML 18 16 12.0 +1.4 THZ Tophouse 15.25 42 Iamb Iamb 18 16 14.9 +1.7

THZ 15.25 42 Iamb Iamb 18 16 19.7 QRZ Quartz Range 15.91 39 Pn 18 16 24.6 +2.9

MANG Mangatoinaka R 17.27 46 Pn 18 16 39.9 +0.8 MILA Mila 18.34 333 Pn 18 16 54.8 +2.6

TOO Toolangi 18.98 324 Pn 18 16 57.1 -2.2 TOO Toolangi 18.98 324 Pn 18 16 57.4 -1.9

URZ Urewera 19.93 45 LR 18 24 43.0 URZ comp=Z,311nm,18.2s,baz=12,slow=36 Canberra 20.02 335 Iamb Iamb 18 17 10.0 -0.7

CAN Canberra 20.02 335 Iamb Iamb 18 17 14.8 AUMAG Moama Anglican 20.56 325 Pn 18 17 19.0 +0.3

AUDCS Dubbo College 23.05 336 Pn 18 17 46.0 +2.5 VVND comp=Z,1.6nm,0.8s LR 18 25 11.1

VNDA Vanda 23.63 179 Pn 18 17 48.4 -0.1 VNDA Vanda 23.63 179 Pn 18 17 48.0 -0.6

CMSA Cobar Meteorol 24.48 331 Pn 18 17 57.3 +0.3 CMSA Cobar Meteorol 24.48 331 Pn 18 17 58.8 +1.9

CMSA Cobar Meteorol 24.48 331 Pn 18 17 54.8 -2.2 HTT Hallett 25.12 317 Pn 18 18 04.7 +2.0

HTT Hallett 25.12 317 Pn 18 18 04.8 +2.1 AUUCS Jamestown Cent 25.44 316 Pn 18 18 07.9 +2.3

STKA Stephens Creek 25.48 323 Pn 18 18 07.6 +1.7 STKA Stephens Creek 25.48 323 Pn 18 18 07.2 +1.3

2020 AUG

Table with columns: LPAZ, La Paz, 1.65 312, Pg, Pb, 18 28 38.6 +1.0, 18 29 02.0 +3.7, 18 29 09.9

Table with columns: KRBS, Karabastua, 2.57 307, Pg, Pb, 19 06 58.5 +0.3, 19 07 32.1, 19 06 58.5 +0.3, 19 07 32.1 +2.3

Table with columns: RETA, Reutte, 0.32 14, eSg, Sg, 19 44 56.5 -0.3, 19 44 51.6 -0.5, 19 44 51.6 -0.5

IDC 08 18:31:03.5:2.2, 3.66S:128.39E, h0km, mb3.2/2, mbtmp3.2/3, ML2.5/1, Error ellipse: s-maj=152.8km s-min=28.9km az=67.0, Seran

IDC 08 19:38:24.5:1.7, 9.88S:118.69E, h0km, mb3.6/2, mbtmp3.5/6, ML3.4/4, MS3.2/1, Error ellipse: s-maj=69.5km s-min=22.0km az=57.0

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr 17.19 161 P' Pn 18 35 06.1 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

IDC 08 18:39:15.2:6.7, 18.02S:175.87W, h0km, mb4.2/2, mbtmp4.2/2, Error ellipse: s-maj=346.4km s-min=53.1km az=147.0, Tonga Islands

IDC 08 19:38:28.3:0.3, 10.5:3.11*10^9E, h10km, M4.1/30, mb6.3/1, mb4.2/9, MLv4.1/30, Mw(mb)6.0/1

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr 46.99 259 P' Pn 18 47 48.2 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

IDC 08 18:42:46.5:5.1, 7.27S:127.26E, h267km, 54km, mb2.9/1, mbtmp3.5/4, Error ellipse: s-maj=73.3km s-min=21.8km az=64.0, Banda Sea

IDC 08 19:38:28.3:0.3, 10.5:3.11*10^9E, h10km, M4.1/30, mb6.3/1, mb4.2/9, MLv4.1/30, Mw(mb)6.0/1

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, FITZ Fitzroy Crossi 10.88 188 P' Pn 18 45 15.8 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

KRNET 08 19:06:10.9:0.1, 42.16N:78.55E, h23km, mb2.6, SOME 08 19:06:11.3, 42.22N:78.55E, h15km

IDC 08 19:38:28.3:0.3, 10.5:3.11*10^9E, h10km, M4.1/30, mb6.3/1, mb4.2/9, MLv4.1/30, Mw(mb)6.0/1

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr 14.35 152 P' Pn 18 45 57.6 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

KRNET 08 19:06:12.0:1.2, 42.17N:78.48E, h10km, gkm, n27, r1560/49, 5C-9D, Lake Issyk-Kul region

IDC 08 19:38:28.3:0.3, 10.5:3.11*10^9E, h10km, M4.1/30, mb6.3/1, mb4.2/9, MLv4.1/30, Mw(mb)6.0/1

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PRZ Przeval'sk 0.32 349i eP Pn 19 06 17.9 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

IDC 08 19:44:44.3:0.8, 46.09N:10.89E, h0km, mb3.5/4, mbtmp3.6/11, ML3.1/6, MS2.4/1, Error ellipse: s-maj=19.2km s-min=6.2km az=152.0

IDC 08 19:38:28.3:0.3, 10.5:3.11*10^9E, h10km, M4.1/30, mb6.3/1, mb4.2/9, MLv4.1/30, Mw(mb)6.0/1

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PRZ Przeval'sk 0.32 349i eP Pn 19 06 17.9 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

IDC 08 19:44:45.7, 47.19N:10.66E, h8km, 3km, MLh4.0/171, Error ellipse: s-maj=582.7km s-min=988.8km az=239.0

IDC 08 19:38:28.3:0.3, 10.5:3.11*10^9E, h10km, M4.1/30, mb6.3/1, mb4.2/9, MLv4.1/30, Mw(mb)6.0/1

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PRZ Przeval'sk 0.32 349i eP Pn 19 06 17.9 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

IDC 08 19:44:45.0, 0.47:158N:0.001:10.658E:0.003, h1km, ML3.6/228, Error ellipse: s-maj=0.5km s-min=0.2km az=18.0

IDC 08 19:38:28.3:0.3, 10.5:3.11*10^9E, h10km, M4.1/30, mb6.3/1, mb4.2/9, MLv4.1/30, Mw(mb)6.0/1

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PRZ Przeval'sk 0.32 349i eP Pn 19 06 17.9 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

IDC 08 19:44:45.0, 0.47:158N:0.001:10.658E:0.003, h1km, ML3.6/228, Error ellipse: s-maj=0.5km s-min=0.2km az=18.0

IDC 08 19:38:28.3:0.3, 10.5:3.11*10^9E, h10km, M4.1/30, mb6.3/1, mb4.2/9, MLv4.1/30, Mw(mb)6.0/1

RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PRZ Przeval'sk 0.32 349i eP Pn 19 06 17.9 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBSI Waikabubak, Su 0.41 59 P' Pn 19 38 35.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RETA Reutte 0.32 14 eSg Sg 19 44 56.5 -0.3

8d 19h

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502

Table with columns for station name, frequency, power, and antenna type. Includes stations like STU Stuttgart, ROTHE Rothenfluh, FIESA Fiescheralp, etc.

Table with columns for station name, frequency, power, and antenna type. Includes stations like GERES GERESS Array B, HINHF Hinteralpe, SESA Seetaler Alpe, etc.

Table with columns for station name, frequency, power, and antenna type. Includes stations like PRU Pruhonice, OCHTUNG Ochtendung, TREC Trest, etc.

8d 22h

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

AUST 08 22:06:55.0, 7.20'S x 141.41'E, h10km, ML3.6/7, Error ellipse: s-maj=12.8km s-min=6.3km az=120.9,

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GIRL, CVOOZ, MBWA, etc.

IDC 08 22:29:45.1+4.6, 6.32S, 129.94E, h126km, 46km, mb3.7/12, mbmp4.1/15, Error ellipse: s-maj=35.5km s-min=17.6km az=77.0

GFZ 08 22:29:47.3+0.3, 6.3S x 133.0E, h155km, 5km, M4.4/7, mb4.7/7, Error ellipse: s-maj=10.5km s-min=7.4km az=87.6, confirmed

DJA 08 22:29:47.1+0.3, 6.3S x 133.0E, h178km, 9km, M4.5/19, mb5.1/7, mb4.4/13, ML4.5/19, Mw(MB)4.4/7

NEIC 08 22:29:48.0+1.2, 6.25S, 0.08h, 130.0E, 0.1, h153km, 9km, mb4.1/11, Error ellipse: s-maj=14.8km s-min=11.0km az=74.0

2020 AUG

Main table with columns: BNDI, Bandanaira, 1.83 358, P, Pn, 22 30 20.9 +1.6, etc. Includes stations like BNDI, BANI, SAUI, etc.

IDC 08 22:36:27.0+0.9, 9.57S, 119.02E, h0km, mb3.7/6, mbmp3.8/10, ML3.8/4, MS2.8/1, Error ellipse: s-maj=45.0km s-min=17.6km az=68.0

NEIC 08 22:36:29.0+1.8, 9.68S, 0.08h, 118.92E, 0.06, h10km, 1km, mb4.2/9, Error ellipse: s-maj=12.9km s-min=10.3km az=162.0

DJA 08 22:36:30.3+0.3, 10.54S x 119.0E, h10km, M4.4/28, mb5.0/1, mb4.5/14, ML4.3/28, Mw(MB)4.4/1

506

ISC 08 22:36:28.8+0.5, 9.78S, 0.05h, 118.94E, 0.03, h10km, n65, c180/57, mb4.0/10, Sumbawa region

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

IDC 08 22:54:17.6+0.9, 59.84N, 153.58W, h124km, 11km, mb3.8/12, mbmp4.3/16, MS2.9/1, Error ellipse: s-maj=15.0km s-min=10.0km az=106.0

NEIC 08 22:54:19.2+1.3, 59.78N, 0.04h, 153.53W, 0.04, h148km, 9km, mb4.5/23, ML4.2/170, ML4.0(AEIC), Mw4.231(SLM), Error ellipse: s-maj=5.6km s-min=2.4km az=110.0

AEIC 08 22:54:20.6+1.7, 59.77N, 0.02h, 153.53W, 0.07, h142km, 3km, Error ellipse: s-maj=5.2km s-min=3.0km az=92.0

NEIC 08 22:54:20.9, 59.84N, 153.56W, h158km, Moment Tensor

Solution. Moment tensor: Scale 10^15Nm; Mr:0.68; Mw:1.98; Mw:1.31; Mw:0.45; Mw:0.24; Mw:1.07; Fault plane solution: M2.11000x10^15 NP1=313.00000°, 574.00000°, λ143.00000°. NP2=55.00000°, 855.00000°, λ20.00000°. Principal axes: T 2.1087, Plg37.00000°, Azm269.00000°; N 0.0032, Plg50.00000°, Azm113.00000°; P -2.1119, Plg12.00000°, Azm8.00000°.

ISC 0822:54:19.4+0.5,59.78N,0.03:153.51W,0.03, h147km, n287, o0939/315, mb4.5/29, 1C, Southern

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists seismic stations such as P19K, ILSW, ILS, IVE, AUF, AU22, AU2Z, AU2H, AU2J, AU2K, AU2L, AU2M, AU2N, AU2O, AU2P, AU2Q, AU2R, AU2S, AU2T, AU2U, AU2V, AU2W, AU2X, AU2Y, AU2Z, etc.

Table with columns: PWL, Name, Magnitude, Location, Time, Res, ISC. Lists seismic events such as PMR Palmer, PMR Palmer, PMR Palmer, PMR Palmer, PMR Palmer, etc.

Table with columns: NEA2, Name, Magnitude, Location, Time, Res, ISC. Lists seismic events such as NEA2 Nenana, NEA2 Nenana, NEA2 Nenana, NEA2 Nenana, NEA2 Nenana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like S39A Bolivar, JTM Tenimabayashi, TXAR Latijas Arr, etc.

IDC 08 22:59:23.6:8.7, 7.02S: 128.74E, h65km, 83km, mb3.6/2, mbmp4.1/5, ML4.2/3, Error ellipse: s-maj=99.2km s-min=33.1km az=53.0

NEIC 08 22:59:34.2:1.0, 7.35S: 0.1: 128.52E: 0.09, h169km, 5km, mb4.1/4, Error ellipse: s-maj=15.4km s-min=12.2km az=138.0

ISC 08 22:59:32.3:0.8, 7.34S: 0.09: 128.49E: 0.08, h150km, n22, r153/20, mb4.1/3, BANDA 5C

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

MOS 08 23:00:29.6:1.2, 36.66N: 2.02E, h10km, mb4.6/18, Error ellipse: s-maj=10.4km s-min=4.2km az=65.3

IDC 08 23:00:30.2:0.7, 36.66N: 2.10E, h0km, mb3.9/17, mbmp3.9/25, ML4.1/7, MS3.4/34, Error ellipse: s-maj=18.4km s-min=12.7km az=152.0

MDD 08 23:00:30.6:0.4, 36.35N: 2.22E, h22km, 5km, Mb4.7/73, M_mb4.2/73, Error ellipse: s-maj=5.9km s-min=1.8km az=143.0

NEIC 08 23:00:31.2:1.2, 36.67N: 0.07: 1.99E: 0.07, h10km, 1km, mb4.5/33, Error ellipse: s-maj=12.6km s-min=8.8km az=176.0

CRAAG 08 23:00:31.1, 36.60N: 2.09E, ML4.2, Algrie 03km NW Sidi-Ghiles

IGIL 08 23:00:31.9, 36.66N: 2.12E, h1km INMG 08 23:00:31.3:2.4, 36.64N: 2.08E, h0km, 14km, ML3.4, Error ellipse: s-maj=14.7km s-min=4.4km az=127.0 #DIST_RANGE: REGIONAL #PMA_REGION: N Algeria (ALG) NAO 08 23:00:32.4, 36.09N: 5.35E, h10km, MB3.6 GFZ 08 23:00:35.1:0.4, 37.1N: 5.5E, h10km, M4.0/40 ISC 08 23:00:52.0:2.7, 36.59N: 0.03: 2.04E: 0.03, h11km, 4km, n460, r199/529, mb4.4/44, MS3.5/29, 59C-9D, Northern

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ABKD Sidi Amar, EARB Arbar, EBNH Beni Houa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EGOR Granatula de C, PSIM Malaga-Limoner, EMAL Malaga-Limoner, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like PBDV, PBEJ, PCBR, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like TUE, TEOL, DAVOX, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like KRCL, CHVC, OSTO, etc.

8d 23h

Table of astronomical observations for 8d 23h, listing stations like VSU, EIL, FINES, etc., with columns for station name, coordinates, and observation details.

2020 AUG

Table of astronomical observations for 2020 AUG, listing stations like ILAR, PDAR, APMT, etc., with columns for station name, coordinates, and observation details.

510

Table of astronomical observations for 510, listing stations like WSSB, ICHU, SSSLB, etc., with columns for station name, coordinates, and observation details.

TAP 08 23:24:30.5, 22°08'N; 121°04'E, h10km, ML4.0, B

ISC 08 23:24:30.8 ± 0.8, 22.98°N ± 0.01 × 121.06°E ± 0.01, h14km ± 5km,

n168, #071/268, 31C-11D, Taiwan region

Table of seismic event data for TAP 08 23:24:30.5, 22°08'N; 121°04'E, h10km, ML4.0, B, listing station names, codes, and arrival times.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Valley View, Boomville, CA, Bonanza King, Snow Mountain, Callahan, Hoiland Field, Hogback Ridge, Clark Valley, Dry Creek, Little Low Cre, Tuscan Springs, Pine Mountain, Cave Junction, Round Top Moun, Geysers, Funks Creek, Geyser Peak, Sage Hen Hill, College of the Yreka Blue Hor, Gray Butte, McCloud, Paynes Creek, Digger Pass, Military Pass, Middletown, Wright Ranch, Montague, Sutter Buttes, Colby Mountain, Mount Lassen, Taylor, Sutter Butte, Redding Peak, Siftord Mountain, Hat Creek Radi, Garner Mountai, Stimpson Lane, Oroville, Marconi Confer, Carmenet Viney, Lincoln School, Point Reyes, Macdowell, Atlas Peak, Klamath Falls, Quail Ridge Na, Farallon Island, Athens-Neo Psi, Megalochori, Me, Kameni Chora, Penteli, Athens-Acharne, Athens-Elefsin, Magoula, Villia, Loutraki, Loutraki, Acrocorinthos, Agia Marina, M, Agia Marina, M, Kymi, Euboea I, Pine Mountain, Big Mountain B, Wild Horse Val, Walker, Pine Mountain, Devils Postpil, Kaisersville, Bear Valley Ra, Circle Bar, Manual Prospec, Blue Mountains, Hanford, Tropic Hills, Chr Canyon, Besch Ranch, Goldstone, Bar, Mount Baldy Ra, Belle Mtn, Jos, Pinyon Flats O, Big Chuckawall.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like Waikabubak, Su, Waingapu, Labuhan Bajo, Kabupaten Domp, Baing, Sumba, Plampang, Taliwang, Sumb, Bau Bau, Buton, Denpasar, Denpasar, Kappang, Jajag, Banyuwa, Soe.

ICD 09 00:15:49.6;7.3;35:63N;26:10E,h0km,mb3.4/3, mbtmp3.4/4,ML2.9/1,MS2.3/1, Error ellipse: s-maj=18.0km s-min=5.7km az=144.4

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like Laurium, Voula,Athens, Voula,Athens, Athens Univers, Athens Univers, Athios Theodor, Methana Town, Athens Parliam, Athens Observa, Athens Observa, Athens Observa, Athens-Thissio, YDRA, Athens-Neo Psi, Megalochori, Me, Kameni Chora, Penteli, Athens-Acharne, Athens-Elefsin, Magoula, Villia, Loutraki, Loutraki, Acrocorinthos, Agia Marina, M, Agia Marina, M, Kymi, Euboea I, Davac City (W), Alice Springs, Songino Array, Makanchi Array, Zalesovo Beam, Kurchatov Arr, Borovoye Array, Kalithea.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like Ithomi, Santorini-Thir, LAKA, LAKA, SERG, Artemida-Makis, Ancient Thera, Drossia, Antikythira Is, Antikythira Is, Epfalio, PYLOS, Ano Chora, Ano Chora, Chios island, Agios Georgios, Riolos of Patr, Riolos of Patr, Araxos, Araxos, Evrytania, Evrytania, Iera Moni Meta, Iera Moni Meta, Plevrona-Mesol, Paravola, Vamos, Palaiochora Ch, Palaiochora Ch, Anoyia, Klokotos Trika, Tyrnavos, Tyrnavos, Paraskevi, Ampelaki, Ratzaki, Kefa, Orthonies,Zaky, Sivas, Sivas, Sivas, Valsamata, Valsamata, Neapoli, Tetrakomo, Epi, Tetrakomo, Epi, Gavdhos, Lefkada island, Nydri-Lefkada, Nydri-Lefkada, Tsoukalades, L, Tsoukalades, L, Damouliatan-K, Pramanda, Hortiatis, Hortiatis, Kasperke Hory, Zivkov, Dobruska-Polom, PRU, Pruhonice, CHVC, Chvalec, ESDC, Sonseca Array, FINESSE Array B, ESKALEMuir Arr, Arta Tunnel.

ICD 09 00:23:07.5;11.0;6:84S;129:69E,h110km,126km, mb3.3/5,mbtmp3.8/8,ML3.9/3,MS3.5/1, Error ellipse: s-maj=93.6km s-min=58.3km az=44.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like FIZT, FIZT, WRA, WRA, WRA, DAV, ASAR, ASAR, ASAR, SONM, MKAR, ZALV, KURB, BVAR.

MAN 09:00:30:30.0, 7.51N, 126.74E, h28km, MS3.6
IDC 09:00:30:31.2-4.8, 7.65N, 126.86E, h67km, 42km, mb3.4/8,
mbmp3.7/8, MS2.7/1, Error ellipse: s-maj=45.4km
s-min=17.3km az=64.0

ISC 09:00:30:27.0-1.7, 7.44N, 126.93E, 0.08, h32km, 11km,
n28, c246/44, mb3.9, Mindanao

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

DMN 09:01:19:01.1-0.2, 27.19N, 89.08E, h60km, M1.4/9, Error
ellipse: s-maj=7.1km s-min=4.2km az=9.0
NDI 09:01:19:02.5-3.2, 27.36N, 88.71E, h15km, 20km, ML3.8,
MW3.9, Presumed earthquake
ISC 09:01:19:05.0-1.5, 27.29N, 0.08, 88.78E, 0.03, h32km, 15km,
n16, c1930/31, Sikkim

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Continuation of seismic station data.

comp=N, 1.0m, 0.5s
DANN Danging 4.57 284 Pg Pn 01 20 11.5 -0.7
baz=285, slow=0.0
DANN comp=N, 103nm, 0.4s, baz=285, slow=0.0
DANN AML AML

NOU 09:01:22:31.6, 15373S-16739E, h70km, mb4.0/18, Vanuatu
Islands, Vanuatu Islands
Code Station Name Delta A, Delta Z, Phase ID, Time, Res, ISC

IDC 09:01:49:11.8-3.2, 34.38N, 25.57E, h0km, mb3.6/3,
mbmp3.5/5, ML3.6/2, MS2.6/1, Error ellipse: s-maj=67.5km
s-min=30.6km az=172.0
ATH 09:01:49:12.3, 34.22N, 25.57E, h12km, 5km, ML3.0/7,
Latitude uncertainty: 2 km, Longitude uncertainty: 1 km
ISK 09:01:49:14.9, 34.36N, 25.66E, h21km, ML2.8/10,
THE 09:01:49:15.7, 34.34N, 25.57E, h0km, 2km, M2.7/11,
MLh2.7/11
ISC 09:01:49:14.3-1.6, 34.34N, 0.07, 25.55E, 0.03, h14km, 9km,
n40, c072/55, mb3.7/3, Crete

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations across various regions like Greece, Turkey, and the Middle East.

IDC 09:01:51:35.9-0.6, 54.84N, 161.35W, h0km, mb4.4/32,
mbmp4.3/35, ML4.0/3, MS3.3/36, Error ellipse:
s-maj=18.7km s-min=10.7km az=179.0
MOS 09:01:51:39.7-1.0, 54.81N, 161.25W, h38km, mb4.8/30,
Error ellipse: s-maj=13.0km s-min=5.5km az=96.2
AEIC 09:01:51:41.7-2.4, 54.69N, 161.15W, 0.05, h36km, 5km,
Error ellipse: s-maj=7.0km s-min=4.2km az=182.0
GFZ 09:01:51:42.0-0.3, 55.1N, 161.1W, h39km, M5.0/42,
mb4.8/42
NEIC 09:01:51:42.3, 54.73N, 161.12W, h44km
NEIC 09:01:51:42.1-1.8, 54.71N, 161.12W, 0.05, h44km, 5km,
mb4.5/91, ML4.4/34, Mw4.2/67, ML4.2(AEIC), Error ellipse:
s-maj=7.8km s-min=4.3km az=183.0, Moment Tensor
Solution. Moment tensor: Scale: 10^15Nm; M1: 1.3;
M2: -1.48; M3: 0.09; M4: 1.74; M5: -0.23; M6: 1.27; Fault
plane solution: M2: 60000x10^15 Np1: 59.37000,
0.74, 0.2000, 1.76, 36000. Np2: 280.78000, 3.20, 89000,
1.29, 48000. Principal axes: T: 2.6613, P: 59.37000,
N: 1.0000, N: 1.0000, P: 1.0000, P: 1.0000, Azm: 63.0000;
P: 2.5410, P: 28.0000, Azm: 160.0000.
ISC 09:01:51:39.6-0.5, 54.54N, 161.20W, 0.03, h33km, 2km,
h33km, P-P, N566, h3454, mb4.7/15, MS3.3/32,
23C-27D, Alaska Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Continuation of seismic station data.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations in the Pacific region, including Hawaii, Alaska, and the Philippines.

Table with columns for call letters, frequency, power, mode, and name. Includes stations like SP6B, J14K, K17K, L19K, etc.

Table with columns for call letters, frequency, power, mode, and name. Includes stations like ULM, ULM, ULM, AGMN, etc.

Table with columns for call letters, frequency, power, mode, and name. Includes stations like ARCES, KNGR, HHC, HHC, BORG, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like KURBB Kurchatov Arra, KURBB 4.3nm,0.7s, KURBB 8.1nm,0.8s, MK31 Makanchi Array, MAZK Makanchi, MAZK 3.4nm,1.1s.

IDC 09 02:15:57.9e-1.0, 58°13S:24.03W, h0km, mb3.7/3, mbtmp3.8/4, ML3.8/1, MS3.4/1, Error ellipse: s-maj=48.2km s-min=28.6km az=82.0

ISC 09 02:15:59.2e-0.9, 58°25S:02.24W, h0.3, h10km, n10, e113/9, South Sandwich Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like VNA1 Neumayer-Stat, SNAA Sanae, SNAA Sanae, SNAA South Pole Qui, LPAZ La Paz, LSZ Lusaka, TORD Torodi Arr, FINES FINESS Array B, SONMI Songoing Array, ILAR Eielson Array.

IDC 09 02:17:54.6e-2.4, 17°05S:178.65W, h592km, 21km, mb3.1/4, mbtmp4.0/5, Error ellipse: s-maj=110.8km s-min=27.0km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like MSVF Nonsavu, STKA Stephens Creek, WRA Warrungarra Arr, ASAR Alice Springs, ASAR 8.0nm,0.5s, TXAR Lajitas Array.

IDC 09 02:21:19.1e-1.1, 59°20S:148.67W, h0km, mb3.7/3, mbtmp3.7/3, MS3.8/21, Error ellipse: s-maj=48.4km s-min=36.3km az=50.0

ISC 09 02:21:20.1e-1.4, 59°25S:03.148S, h0.4, h10km, n39, e084/8, mb3.9/3, MS3.8/21, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like VVDA Vanda, RPZ Rata Peaks, QSPA South Pole Qui, QSPA 0.4nm,0.4s, PMSA Palmer Station, PPT Papeete, SNAA Sanae, MSVF Nonsavu, AFI Afiamalu, PLCA Paso Flores, H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, MAW Mawson, H03N2 Juan Fernandez, H03N1 Juan Fernandez, STKA Stephens Creek, ASAR Alice Springs, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, WRA Warrungarra Arr, CPUV Villa Florida, LPAZ La Paz, FITZ Fitzroy Crossi, ATAH Athabasca, KAPI Kappang, SUR Sutherland, LPIG La Paz, BOSA Boshof, LBTB Lobatse, PFO Pinyon Flats, H10N3 ASCENSION HYDR03.73, H10N1 ASCENSION HYDR03.79, H10N2 ASCENSION HYDR03.11, ILAR Eielson Array, MKAR Makanchi Array, ESCD Sonseca Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

IDC 09 02:32:30.1e-14.0, 6°90S:129.44E, h140km, 150km,

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like mb3.6/3, mbtmp4.1/6, ML4.1/3, Error ellipse: s-maj=99.7km s-min=56.0km az=34.0, NEIC 09 02:34.8e-1.8, 6°89S:0°08:129.2E:0.09, h182km, 12km, mb4.3/4, Error ellipse: s-maj=13.6km s-min=11.1km az=125.0, ISC 09 02:32:34.3e-0.7, 6.99S:0.07:129.31E:0.07, h200km, n20, e201/24, mb3.8/5, Banda Sea

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Soe, SOEI Sogei, MTRN Manton Dam, MMRI Maumere, KNRA Kununurra, FITZ Fitzroy Crossi, FITZ 2.6nm,0.3s, WBO Warrungarra Arr, WRA Warrungarra Arr, WRA 1.4nm,0.4s, WRA WRR, COEN Coen, AS31 Alice Springs, ASAR Alice Springs, ASAR 2.2nm,0.3s, ASAR 2.0nm,0.4nm,0.5s, ASAR Forrest, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, AB31 Akbulak array, AB31 2.2nm,1.5s, ABKAR Akbulak array.

IDC 09 02:43:09.3e-1.8, 2°35N:126°57E, h0km, mb3.4/5, mbtmp3.4/5, Error ellipse: s-maj=124.5km s-min=21.6km az=69.0

DJA 09 02:43:15.6e-0.3, 2°N:4°12'7E, h10km, M3.6/8, MLv3/6/8, ISC 09 02:43:16.3e-1.1, 2.3N:0.2:126.8E:0.2, h50km, n7, e193/37, mb3.4/4, Northern Molucca Sea

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like GAMI Galea, Maluku, GAMI Sangihe, SSSI SSSI, FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

NEIC 09 02:47:56.4e-2.4, 19°25S:02:177.6W:0.1, h570km, n40, mb4.0/8, Error ellipse: s-maj=24.1km s-min=13.8km az=178.0

IDC 09 02:47:57.1e-2.0, 18°99S:177.77W, h579km, 21km, mb2.9/8, mbtmp3.8/9, Error ellipse: s-maj=28.3km s-min=18.2km az=144.0

ISC 09 02:47:54.9e-0.6, 19°15S:01:177.6W:0.1, h570km, n40, e192/41, mb3.6/11, 1D, Fiji Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like MSVF Nonsavu, MSVF Nonsavu, KOUN Niue, NIUC Koumac, New Ca, WRR Warrungarra Arr, WRA Warrungarra Arr, WRA 2.0nm,0.2nm,0.5s, WRA WRR, ASAR Alice Springs, ASAR Alice Springs, ASAR 2.0nm,0.5s, ASAR 2.0nm,0.5s, ASAR 2.0nm,0.5s, VVDA Vanda, VVDA Vanda, QSPA South Pole Qui, QSPA South Pole Qui, NVAR Mina Array, SMAI San Martin Arr, K15K Wolf Creek Mou, K15K Wolf Creek Mou, VHRN Van Horn, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Eielson Array, ELIB Princess Elise, ARCES ARCES Array B, EKA Eka, BURAR Bucovina Array, BRTR Keskin Array, KHC Kasperske Hory, GERES GERES Array B.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like GERES GERES Array B, CONA Conrad Osage, RONA Rosalia, Auster, SESA Sealair Array, LESA Schwarzloetz, WATA Terra Mystica, WTTA Wattenberg, MYKA Terra Mystica, ABTA Abfattersbakk, FETA Feichten.

IDC 09 02:50:31.8e-6.3, 15°30S:173.29W, h0km, mb3.8/2, mbtmp3.8/3, ML3.6/1, MS3.4/6, Error ellipse: s-maj=352.4km s-min=25.8km az=146.0, Tonga Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like AFI Afiamalu, AFI 21nm,0.3s, AFI 30nm,0.3s, AFI RARotonga, AFI RARotonga, PPT Papeete, PPT Papeete2, URZ Urewea, WRA Warrungarra Arr, YBH Yreka Blue Her, NVAR Mina Array, NEW Newport, PDAR Pinedale Array, ULM Lac du Bonnet, GERES GERES Array B, BRTR Keskin Array B.

MDD 09 03:17.9e-1.1, 36°71N:2°19E, h0km, Mb3.6/8, M, mb2.8/8, Error ellipse: s-maj=30.2km s-min=6.8km az=146.0

CRAAG 09 03:17:19.2e-36.58N:2°10E, M2.9, Algrie 02km SW Sidi-Ghiles

ISC 09 03:17:19.4e-1.4, 36°66N:0°08:206E:0.06, h15km, 16km, n13, e192/18, 4C, Northern Algeria

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like ABKD Sidi Amar, EARB Arib, EBHN Beni Hachou, EHRZ Djeldja, RANR Beni Rachou, EDDR Deurdeur, ABA Alger-Bouzarea, ABRIN Birine, EIBI Ibizia, ETOB Mallorca, ETOB Tobarra, ETOB 84nm, SNR=1.3, ETOB Cofrentes, Val, EVIV 116nm, SNR=1.6, EVIV Mosqueruela, EMOS 81nm, SNR=1.3.

IDC 09 03:23:54.0e-4.0, 40°41N:124°31W, h0km, mb2.4/1, mbtmp3.0/4, ML3.8/3, Error ellipse: s-maj=56.1km s-min=13.4km az=93.0

NEIC 09 03:23:53.2e-1.1, 40°27N:0°04:124.72W:0.07, h33km, 6km, ML3.1/88, ML3.3/28(NCEDC), Error ellipse: s-maj=8.3km s-min=5.4km az=69.0

NCEDC 09 03:23:55.9e-4.1, 40°31N:0°02:124.58W:0.05, h20km, 5km, ISC 09 03:23:52.1e-1.7, 40°29N:0°03:124.70W:0.08, h25km, 12km, n109, e1907/103, Near coast of northern California

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like KCTM Capetown, KCTM FER, FER Ferndale, RBOW Rainbow Ridge, RBOW Mount Pierce, KMPA Briceland Vine, BJES Bald Jesse, CA, KCRM Chalk Rock, JCC Jacoby Creek, JCC 84nm, SNR=1.3, KCRM Mail Ridge, KCRM Dimsmores, CA, KMOR Morse Mountain, KHPM Mount Pierce, KHPM Canto Peak, KCPM Iron Peak, INGLE Inglewood, SMI Round Valley, KHEM Hayfork Bay, KHEM 84nm, SNR=1.3, KBNM Bonhoefer Fire, MINDO Woodend, GTC Three Chop Ridge, GNAM Navarro Ridge, KRKM Rackout Spring, OQD2 Mt. Diablo Mer, OQD2 84nm, SNR=1.3, KWRM Wonder Ranch, GWHM Hamilton Openi, GROM Round Mountain, GSV GSV, BONV Boonville, CA.

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Table with columns: ID, Name, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like Bonanza King, Snow Mountain, Callahan, Hopland Field, Hoagback Ridge, etc.

Table with columns: Code, Station Name, Az, El, Pn, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Dolgoi Island, Hague Volcano, Sand Point, Dutton Round H, etc.

Table with columns: ID, Name, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like Whitestone, Mount Dempster, Pine Creek, Aoh Zhai Nrii, Peel River, etc.

9d 3h

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BFZ, WAZ, PRWZ, MRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, MKAR, MKAR, HO4N2, etc.

NOU 09 03:43:24.0, 37°41'S; 179°13'E, h13km, MLv4.0/13, Off E.

WEL 09 03:43:24.5, 11.37°S, 5°17'9"E, h15km, 5km, M3.5/18, ML3.5/22, MLv3.5/18, Error ellipse: s-maj=9.1km

ISC 09 03:43:25.4, 2.3, 35°35'9"S, 178°43'E, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=70.5km s-min=33.8km

ISC 09 03:43:23.3, 2.4, 37°23'S, 0°06', 179°20'E, 0°10', h23km, 14km, n79, c1908/88, mb3.7/3, Off east coast of North Island

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

FINES FINES Array B 150.513 34 PKPbc 3.5nm, 1.1s, baz=40, slow=1.8, SNR=4.2

DJA 09 04:43:54.0, 4.0, 3°S, 13°8'E, h101km, 8km, M4.2/13, mb4.0/4, MLV4.3/13, Irian Jaya

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

KRSC 09 04:05:53.4, 1.5, 49°38'N, 158°59'E, h46km, 25km, MI3.7, East of Kuril Islands

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

IDC 09 04:13:29.9, 1.3, 9°65'S, 119°07'E, h0km, mb3.8/3, mbtmp3.8/7, ML3.6/4, MS3.3/1, Error ellipse: s-maj=48.2km

NEIC 09 04:13:31.7, 1.4, 9°52'S, 0°09', 119°11'E, 0°08', h10km, 1km, mb4.0/6, Error ellipse: s-maj=18.5km s-min=8.9km

DJA 09 04:13:33.1, 0.3, 10°S, 2°11'9"E, h10km, M4.2/19, mb4.0/4, MLV4.1/19

ISC 09 04:13:31.6, 0.6, 9°65'S, 0°04', 119°09'E, 0°04', h10km, n48, c2813/36, mb4.0/5, Sumba region

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

IDC 09 04:25:59.2, 34.0, 4°27'N, 122°35'E, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=568.8km

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like WRA, WRA, WRA, ASAR, etc.

IDC 09 04:34:24.4, 53.0, 22°28'S, 173°75'W, h0km, mb3.7/3, s-maj=191.5km az=87.0, Tonga Islands region

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

SOME 09 04:42:56.2, 41°00'N, 83°53'E, h5km, NNC 09 04:43:00.9, 2.4, 41°26'N, 83°58'E, h2km, 7km, mb3.7, mpv3.4, Error ellipse: s-maj=16.8km s-min=11.6km

ISC 09 04:43:00.9, 2.4, 41°26'N, 0°11', 83°52'E, 0°07', h10km, n19, c2811/31, 9C-3D, Southern Xinjiang

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

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like KTMS, KTMS, KTMS, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like WRA, WRA, WRA, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like KTMS, KTMS, KTMS, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like SHLS, SHLS, SHLS, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like SHLS, SHLS, SHLS, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like PDGK, PDGK, PDGK, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like PDGK, PDGK, PDGK, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like UZB, UZB, UZB, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like UZB, UZB, UZB, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like DJR, DJR, DJR, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like DJR, DJR, DJR, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like SATY, SATY, SATY, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like SATY, SATY, SATY, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like SATY, SATY, SATY, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like KURS, KURS, KURS, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like KURS, KURS, KURS, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like ARXS, ARXS, ARXS, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like ARXS, ARXS, ARXS, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like MK31, MK31, MK31, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like MK31, MK31, MK31, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like MAKZ, MAKZ, MAKZ, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like MAKZ, MAKZ, MAKZ, etc.

MOS 09 04:52:49.6, 1.0, 9°54'S, 118°99'E, h13km, mb5.1/45, Error ellipse: s-maj=12.4km s-min=5.5km az=115.4

IDC 09 04:52:49.5, 0.4, 9°57'S, 118°95'E, h0km, mb4.7/27, mbtmp4.7/29, ML4.8/2, MS4.0/51, Error ellipse: s-maj=21.3km s-min=10.3km az=80.0

BUI 09 04:52:50.0, 0.7, 705°S, 119°00'E, h10km, mb5.0/19, mb4.8/60, Ms4.6/39, Ms7.4/39

NEIC 09 04:52:51.3, 2.4, 9°68'S, 0°05', 118°92'E, 0°06', h10km, 1km, mb5.1/62, Mww5.0/13, Error ellipse: s-maj=10.9km s-min=8.4km az=104.0

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BJT, HHC, BT02, GOMU, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like PDGK, UZB, SATY, NARN, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ABKAR, RAR, RAYN, etc.

Table with columns: YKA, TORD, TORD, ESCD, NVAR, PDAR, PLCA, LENM, TXAR, CPUP, GBN, TKL, TSKA, AQDB, BDFB, BDFB, LPZAP. Includes station names, codes, and coordinates.

JMA 09 04:55:17.4, 0.3, 25'N, 122°55.0'7, h130km, 2km, MV1.9/10, NW OFF ISHIGAKIJIMA IS

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like EOS2, TWB1, JYNG, etc.

IDD 09 04:58:45.4, 1.0, 23'44N, 142°85E, h0km, mb3.76, mbmp3.7/6, Error ellipse: s-maj=40.6km s-min=26.7km az=91.0

JMA 09 04:58:55.5, 0.2, 23'8N, 0.6:142E, 1.0, h194km, MV4.3/4, ITO ISLANDS REGION

ISC 09 04:58:58.3, 1.0, 23'61N, 0.10:142E, 0.3, h100km, n15, c145/11, mb3.6/6, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JHH2, CBJJ, H1N1, etc.

Table with columns: H1S3, H1S1, H1S2, WRA, MKAR, KURBB, ILAR, YKA, FINES, PLCA. Includes station names and codes.

AEIC 09 05:19:44.7, 1.9, 60'66N, 0.01:143'03W, 0.02, h8km, 5km, Error ellipse: s-maj=2.3km s-min=1.0km az=212.0

NEIC 09 05:19:45.2, 60'70N:142'98W, h13km, NEIC 09 05:19:45.8, 2.4, 60'68N, 0.01:143'00W, 0.03, h12km, 5km, ML4.0/128, Mwr3.9/82, ML3.9(AEIC), Error ellipse: s-maj=2.3km s-min=1.6km az=211.0

ISC 09 05:19:44.7, 0.8, 60'63N, 0.03:143'02W, 0.02, h11km, 5km, n244, c1392/248, mb4.1/17, MS3.4/3, Southern Alaska

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like CRQM, TGL, BARK, BERG, etc.

Main station list table with columns: Q29M, P23K, P23K, YUK6, MENT, MENT, SCM, BC01, I27K, M23K, YUK5, PWL, PWL, PWL, KNK, P29M, WAT6, N30M, P30M, P30M, PMR, PMR, PMR, PMR, PMR, PMR, DHY, DHY, DHY, RIDG, RIDG, RIDG, SEW, O22K, RC01, RC01, RC01, L29M, L29M, L29M, WAT1, K27K, PLBC, WAT7, SLKM, SLKM, M30M, N31M, DAWY, RND, RND, RND, BRSE, WYBY, BRLL, SKAG, SKAG, K29M, J25K, L22K, L22K, MCK, MCK, MCK, CNPM, SKT, SKT, SKT, STLK, STLK, STLK, HOM, SPCG, M31M, M31M, SPU, SPCP, WRH, WRH, IL31, ILAR, ILAR, ILAR, CCK, CCK, SPBG, RDY, I26K, KTH, DFR, SPNN, P32M, JIS, COLA, COLA, COLA, COLA, RED, NEA2, NEA2, N32M, N32M, POKR, R32K, MIDM, JIS, JIS, IVE, I27K, I27K, I27K, I28M, I28M, PRP, PRP. Includes station names, codes, and coordinates.

9d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists various stations like M20K Styx River, P33M Teslin, Yukon, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists various stations like ESDC Sonseca Array, KBZ Khabaz, LPAZ La Paz, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists various stations like URZ Urewera, URZ Ouen Toro, URZ Rabaul, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Doyon Strip, Meade River, Itliklik River, etc.

SOME 09 06:40:20.4, 42.47N, 78.47E, h10km
KRNET 09 06:40:20.2, 42.40N, 78.53E, h19km, mb2.6
NNC 09 06:40:20.9, 1.1, 42.50N, 78.58E, h3km, mb1.7, mpv2.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Przheval'sk, Przh, Saty, etc.

IDC 09 06:49:48.2, 1.0, 13.05N, 145.52E, h0km, mb3.7/8,
mbmp3.7/8, Error ellipse: s-maj=26.6km s-min=17.7km
az=64.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO, H111N1, H11N2, etc.

IDC 09 06:50:04.9, 2.6, 16.30S, 175.30W, h313km, 61km,
mb2.8/3, mbtmp3.5/4, Error ellipse: s-maj=319.6km
s-min=30.8km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AFI, WRA, ASAR, etc.

NEIC 09 06:53:48.8, 1.4, 21.6S, 0.1, 171.37E, 0.08, h36km, 13km,
mb4.5/5, Error ellipse: s-maj=15.6km s-min=10.1km

az=177.0
IDC 09 06:53:53.4, 6.8, 21.84S, 171.07E, h60km, 52km, mb3.8/4,
mbtmp4.2/5, ML3.8/1, MS3.6/2A, Error ellipse:
s-maj=45.1km s-min=36.4km az=50.0

NOU 09 06:54:05.0, 2.1, 50S, 169.78E, h0km, MLV3.9/9, Southeast
of Loyalty Islands
ISC 09 06:53:48.2, 0.7, 21.61S, 0.09, 171.37E, 0.07, h35km, n50,
0.081/29, mb4.3/5, MS3.7/21, Southeast of Loyalty

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MARNC, YATNC, OUENC, etc.

ASAR Alice Springs 34.58 259 P P 07 00 33.9 -0.1
ASAR Alice Springs 34.58 259 P P 07 00 34.0 +0.1

ASAR Alice Springs 34.58 259 P P 07 00 34.2 +0.3
WBO Warramunga Arr 34.59 266 P Iamb Iamb 07 00 41.5

WRA Warramunga Arr 34.61 266 P P 07 00 33.1 -1.1
PPT Papeete 36.95 91 LR LR 07 12 37.8

FITZ Fitzroy Crossi 43.04 266 LR LR 07 19 51.8
GUMO Guam 43.59 321 LR LR 07 17 35.5

VNDA Vanda 56.15 182 LR LR 07 23 49.7
QSPA South Pole Qui 68.46 180 P P 07 04 47.3 +0.8

QSPA South Pole Qui 68.46 180 P Iamb Iamb 07 04 55.8
PETK Petropavlovsk- 75.34 352 LR LR 07 32 35.6

MLR Kul'duk 78.85 335 LR LR 07 36 46.8
MA2 Magadan 82.64 350 LR LR 07 37 13.5

KDAX Kodiak Island 84.61 18 LR LR 07 38 19.7
SEY Seymchan 85.58 351 LR LR 07 39 02.0

LPIG La Paz 88.66 64 LR LR 07 36 50.6
ILAR Eielson Array 91.90 17 LR LR 07 42 12.6

ANMO Albuquerque 96.01 55 LR LR 07 43 16.3
TXAR Lajitas Array 96.15 61 LR LR 07 47 36.9

TIXI Tiksi 97.47 348 LR LR 07 45 51.3
INK Inuvik 98.16 18 LR LR 07 45 08.3

CMIG Matias Romero 99.75 75 LR LR 07 43 08.7
EKA Eskdalemuir Arr 146.07 354 PKPbc PKIKP 07 13 26.4 -1.1

GERES GERES Array B 147.51 332 PKPbc PKPbc 07 13 30.6 -0.1
IDC 09 07:00:00.3, 2.2, 22.31S, 171.45E, h115km, 21km, mb3.7/7,
mbtmp4.1/10, Error ellipse: s-maj=24.6km s-min=16.1km

NEIC 09 07:00:01.5, 2.2, 4S, 0.1, 171.54E, 0.09, h109km, 8km,
mb4.5/10, Error ellipse: s-maj=17.4km s-min=11.6km
az=173.0

NOU 09 07:00:03.2, 2.2, 39S, 171.06E, h0km, mb5.4/19, Southeast
of Loyalty Islands
ISC 09 06:59:59.2, 0.6, 22.49S, 0.07, 171.51E, 0.06, h98km, n54,
0.1943/57, mb4.3/11, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MARNC, YATNC, OUENC, etc.

MRZ Mangatainoka R 18.44 170 Iamb Iamb 07 04 08.2 +1.3
BFZ Birch Farm 18.57 169 P P 07 04 09.8 +1.4

TCW Tory Channel 18.81 174 P P 07 04 13.2 +2.2
TUWZ Tuamarina 18.99 174 P Pn 07 04 15.9 +1.2

MSWZ Moikau Station 19.13 171 P P 07 04 14.9 +0.5
THZ Tophouse 19.25 177 Iamb Iamb 07 04 17.3 +1.5

PLWZ Kalliter 19.28 171 P P 07 04 17.2 +1.0
KHZ Paluara 19.94 176 P Iamb Iamb 07 04 24.2 +1.0

STKA Stephens Creek 28.13 244 P P 07 05 43.1 +1.1
INNA Innaminka 28.30 253 P P 07 05 44.1 +0.5

WRA Warramunga Arr 34.59 266 P P 07 06 38.4 -0.2
ASAR Alice Springs 34.55 261 P P 07 06 38.5 -0.1

ASAR Alice Springs 34.55 261 P P 07 06 37.3 -1.3
WRA Warramunga Arr 34.69 267 P P 07 06 38.6 -1.2

KNRA Kununurra 40.86 272 P Iamb Iamb 07 07 39.8 -1.9
KNRA Morawa 50.20 250 P P 07 08 43.6 -0.2

VNDA Vanda 55.28 183 Iamb Iamb 07 09 22.5 +0.6
SBA Scott Base 55.46 181 P Iamb Iamb 07 09 26.6 +1.4

CASY Casey 58.03 205 P Iamb Iamb 07 09 41.7 +0.1
CASY Kuroka 66.22 330 P P 07 10 35.1 -1.5

QSPA South Pole Qui 67.58 180 P Iamb Iamb 07 10 44.9 -0.1
QSPA South Pole Qui 67.58 180 P Iamb Iamb 07 10 46.0

BELA Belgrano 2 78.68 175 P P 07 11 48.5 -1.6
CHIG Chignik 82.51 167 P P 07 12 07.9 -2.7

O19K Cape Douglas, 86.08 17 P P 07 12 27.9 -0.7
L16K Ohwat River 87.09 13 P Iamb Iamb 07 12 34.7 +1.2

NVAR Milna Array B 89.39 48 P P 07 12 44.5 -0.8
ILAR Eielson Array 92.71 17 P P 07 12 56.7 -3.0

CLL Colim 146.75 335 ePKPbc PKPbc 07 19 29.0 -0.6
IDC 09 07:04:06.5, 3.2, 26.25N, 127.01E, h62km, 33km, mb3.6/10,
mbtmp3.8/12, ML3.4/2, Error ellipse: s-maj=32.6km
s-min=15.9km az=64.0

JMA 09 07:04:06.8, 0.3, 26.25N, 127.01E, h58km, 2km,
JYFO MLV3.9/7, NEAR OKINAWAJIMA ISLAND
JMA Feil J1 at NEAR OKINAWAJIMA ISLAND

ISC 09 07:04:06.6, 0.8, 26.15N, 0.06, 127.01E, 0.05, h69km, 7km,
n34, 0.162/45, mb3.9/10, Ryukyu Islands

JKE Kumejima 2 0.33 302 Op ISC 07 04 16.2 -1.6
JAGN Aguni-jima 0.45 17 P P 07 04 18.1 -0.8

JAGN Aguni-jima 0.45 17 P P 07 04 26.6 -1.3
JTT3 Tamagusuku-0 0.62 91 P P 07 04 21.4 +0.9

JTT3 Tamagusuku-0 0.62 91 P P 07 04 33.2 +2.5
JNTH Nagatoyohara 0.91 66 P P 07 04 25.4 +0.6

JNTH Nagatoyohara 0.91 66 P P 07 04 37.4 +0.7
JIH Iheya 1.18 41 P P 07 04 27.4 +0.2

JOW Kunigami 1.25 57 P P 07 04 28.7 +0.4
JOW Kunigami 1.25 57 P P 07 04 28.4 +0.1

JOW Kunigami 1.25 57 P P 07 04 28.7 +0.4
JYRO Yoronjima 1.49 54 P P 07 04 31.8 +0.4

JYRO Yoronjima 1.49 54 P P 07 04 30.5 +0.3
JYRO Yoronjima 1.49 54 P P 07 04 35.0 0.0

JYRO Yoronjima 1.49 54 P P 07 04 37.1 +0.1
JMAM Amaminishikomi 2.19 41 eP P 07 04 48.9 0.0

JAMN Amami Oshima 3.17 44 P P 07 05 20.7 -0.7
JTAK Takarajima 3.53 32 P P 07 04 59.8 +0.8

JMZ Minamidaito 2 3.73 94 eS P 07 05 39.0 -5.5
JKDJ Kitadaitoujima 3.79 92 eS P 07 05 00.6 -2.0

JKDJ Kitadaitoujima 3.79 92 eS P 07 05 41.6 -4.2
JYAK Yakushimahira 5.06 36 eS P 07 05 39.4 -0.7

JYAK Yakushimahira 5.06 36 eS P 07 05 44.9 -2.9
NACB Nanchuanbiao 5.36 250 P P 07 05 25.5 +1.4

YULB Yu-li 5.94 244 P P 07 05 32.2 +1.4
SSLB Suanglung 5.05 248 P P 07 05 35.0 +1.1

JSU Suzuyama 6.09 28 P P 07 05 36.6 +2.5
JNU Nankaiuse 7.69 24 P P 07 05 56.4 +0.5

JNU Monobe 9.57 36 P AML 07 06 20.6 -1.0
JMSR Korea Array 11.29 3 P Pn 07 06 45.5 +0.4

KSRS Makanchi Array 40.83 312 AML 07 11 40.6 -0.9
MKAR Makanchi Array 40.83 312 AML 07 11 40.6 -0.9

ZALV Zalesovo Beam 41.07 323 P P 07 11 47.7 -0.7

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like MDSI Maura Dua, LHSI Lahat, KSI Kapahiang, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, MJAR Matsuhiro, MJAR Matsuhiro, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like BZGR Bezymannyi-Gr, BZWR Bezymannyi-We, KPT Kopyto, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like Batken, Karatay Array, Kurchatov, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like Yuzhno-Sakhalii, Belogoroye, Khabaz, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like Malin Array Si, SORCA, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like TREC, NORSAR Array S, ARSZA, BRG, ZVC, CKRC, etc.

IDD 09 08:52:50.51 1.3, 18.42km, 145.52E, h288km, 13km, mb3.8/19, mbmtpd.4/5/24, Error ellipse: s-maj=15.2km s-min=7.7km az=77.0

NEIC 09 08:52:52.1 1.2, 18.36km, 145.55E, 0.07, 145.55E, 0.2, h296km, 7km, mb4.4/39, Error ellipse: s-maj=20.6km s-min=10.0km az=90.0

ISC 09 08:52:51.6 0.4, 18.38km, 145.45E, 0.09, h300km, n84, 1929/84, mb4.3/41, AC, Mariana Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like DPSS, GUMO, JMW, etc.

Main table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like JMN, INU, INU, INU, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like YKA, NVAR, FINES, etc.

NOU 09 08:54:10.7, 14.87S, 167.42E, h127km, MLV4.6/25, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SANVU, DVP, etc.

IDD 09 09:06:30.3 4.0, 1.24S, 101.29E, h0km, mb3.8/6, mbmtpd.3.8/6, Error ellipse: s-maj=225.8km s-min=19.3km az=53.0

DJA 09 09:06:34.5 0.5, 2.2S, 101.02E, h16km, 4km, M3.9/20, MLV3.9/20

ISC 09 09:06:35.4 0.9, 1.83S, 0.05, 100.34E, 0.06, h56km, n16, 19100/18, mb3.9/6, S005, Sumatra

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PDSI, PDSI, PDSI, etc.

NEIC 09 09:16:6.2 1.7, 17.88km, 0.03, 66.92W, 0.01, h10km, 1km, ML3.6/43, MD3.3/20(RSPR), Error ellipse: s-maj=4.4km s-min=2.7km az=11.0

OSPL 09 09:16:6.2 3, 17.73km, 66.87W, h0km, 43km, ML4.1, Presumed earthquake

RSPR 09 09:17:2.1, 17.93km, 66.94W, h14km, MD3.3/20, ISC 09 09:16:6.2 1.1, 17.93km, 0.05, 66.92W, 0.02, h17km, 2km, n54, 0963/64, C-10D, Puerto Rico

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like GBPR, GBPR, GBPR, etc.

535	STOK	Stokkvaagen	37.54 339	eP	P	09 23 32.1	-0.7
	STOK	comp=Z,54nm,1.1s		I Amb	I Amb	09 23 33.2	
	KONS	Konvik	37.63 339	eP	P	09 23 30.5	-3.1
	FAUS	Fauske	37.65 341	eP	P	09 23 33.2	-0.4
	FAUS	comp=Z,63nm,1.5s		I Amb	I Amb	09 23 33.7	
	FOO	Floro	37.67 329	eP	P	09 23 33.7	-0.2
	VAGH	Vaagaholm	37.74 340	eP	P	09 23 34.6	+0.2
	VAGH	comp=Z,72nm,1.2s		I Amb	I Amb	09 23 34.8	
	CWF	Charnwood Fore	38.03 314	eP	P	09 23 35.7	-1.4
	CWF	comp=Z,6.5nm,0.7s		I Amb	I Amb	09 23 37.0	
	STEI	Steig	38.06 342	eP	P	09 23 36.8	-0.4
	JETT	Jetten, Norway	38.15 346	eP	P	09 23 37.9	+0.1
	TRO	Tromsø	38.52 345	eP	P	09 23 40.3	-0.6
	MCH1	Mischelchuch	38.94 312	eP	P	09 23 43.4	-1.4
	MCH1	comp=Z,14nm,0.7s		I Amb	I Amb	09 23 44.5	
	HLM1	Long Myrd	38.94 313	eP	P	09 23 43.5	-1.4
	HLM1	comp=Z,9.2nm,0.8s		I Amb	I Amb	09 23 44.9	
	FOEL	Foel Wyifa	39.19 314	eP	P	09 23 45.6	-1.3
	FOEL	comp=Z,16nm,0.8s		I Amb	I Amb	09 23 47.4	
	KESW	Keswick, Cumb	39.42 316	eP	P	09 23 48.0	-0.8
	KESW	comp=Z,20nm,0.8s		I Amb	I Amb	09 23 49.2	
	DRUM	Mains of Drum	39.59 320	eP	P	09 23 48.8	-1.3
	DRUM	comp=Z,20nm,0.7s		I Amb	I Amb	09 23 50.7	
	EKA	Eskdalemyr Ar	39.60 318	P	P	09 23 49.2	-1.1
	EKA	comp=Z,3.7nm,0.5s,baz=104,slow=8.6,SNR=33		PcP	PcP	09 25 57.6	+0.4
	EKA	comp=Z,4.3nm,0.9s,baz=129,slow=2.7,SNR=5.9		LR	LR	09 43 36.5	
	ESK	Eskdalemyr	39.62 318	eP	P	09 23 48.9	-1.5
	ESK	comp=Z,6.2nm,0.7s		I Amb	I Amb	09 23 50.4	
	ESBB	Sonsec Array	39.64 293	P	P	09 23 50.0	-0.9
	ESDC	Sonsec Array	39.64 293	P	P	09 23 50.5	-0.4
	ESDC	comp=Z,5.4nm,0.9s,baz=65,slow=8.6,SNR=34		PcP	PcP	09 25 58.2	+0.5
	ESDC	comp=Z,1.9nm,0.8s,baz=37,slow=3.4,SNR=6.8		P	P	09 23 50.6	-0.4
	ESDC	Sonsec Array	39.64 293	P	P	09 23 50.7	-0.7
	EDI	Edinburgh	39.74 318	eP	P	09 23 52.6	
	LRW	Lerwick	39.87 325	eP	P	09 23 51.3	-1.1
	LRW	comp=Z,13nm,0.6s		I Amb	I Amb	09 23 53.7	+0.1
	GOMU	GeErMu	39.92 73	P	P	09 23 52.4	-0.7
	GOMU	comp=Z,10.0nm,0.9s		P	P	09 23 54.1	-0.7
	MCD	Coleburn Disti	40.16 321	eP	P	09 23 54.1	-0.7
	MCD	comp=Z,26nm,0.6s		I Amb	I Amb	09 23 55.1	
	INVG	Invergelde, C	40.32 319	eP	P	09 23 55.2	-1.0
	INVG	comp=Z,16nm,0.8s		I Amb	I Amb	09 23 56.7	
	EAB	Aberfoyle	40.43 319	eP	P	09 23 56.2	-1.0
	EAB	comp=Z,11nm,0.7s		I Amb	I Amb	09 23 58.1	
	SHL	Shillong	40.73 89	P	P	09 24 00.3	0.0
	SHL	comp=Z,32nm,1.2s		P	P	09 24 01.8	+1.6
	SHL	Shillong	40.73 89	P	P	09 24 00.2	0.0
	SHL	comp=Z,32nm,1.2s		I Amb	I Amb	09 24 04.8	
	KNGR	Kungurtug, Tuv	40.84 50	iP	P	09 24 01.9	+1.2
	KNGR	comp=Z,15nm,1.2s		P	P	09 24 02.6	-0.4
	DSB	Dublin	41.14 314	P	P	09 24 03.9	+0.4
	ILTH	Bellurgan, Co L	41.21 315	P	P	09 24 04.0	-0.3
	IWEX	Carriackbyrne,	41.29 313	P	P	09 24 03.4	-0.8
	LINV	Loch Inver, As	41.30 321	eP	P	09 24 04.8	-0.8
	LINV	comp=Z,15nm,0.7s		I Amb	I Amb	09 24 05.1	-0.8
	PBRG	Braganca	41.46 297	eP	P	09 24 05.1	-0.8
	PBRG	comp=Z,17nm,1.7s		I Amb	I Amb	09 24 07.6	
	MD31	MD31	41.70 283	P	P	09 24 07.9	-0.1
	BRDH	Bariadhala	41.74 93	LR	LR	09 42 33.4	
	MVO	Moncorvo	41.76 296	eP	P	09 24 08.1	-0.3
	MVO	comp=Z,21nm,1.8s		I Amb	I Amb	09 24 15.0	
	IDGL	Inch Island, C	42.02 317	P	P	09 24 09.6	-0.6
	NR1K	Noril'sk	42.18 21	P	P	09 24 11.2	-0.1
	NR1K	comp=Z,5.7nm,0.4s,baz=214,slow=5.9,SNR=14		LR	LR	09 45 09.0	
	NR1K	Noril'sk	42.18 21	eP	P	09 24 11.7	+0.4
	NR1K	comp=Z,38nm,1.4s		P	P	09 24 11.9	+0.6
	NR1K	Noril'sk	42.18 21	P	P	09 24 12.5	+0.1
	MTE	Manteigas	42.25 295	P	P	09 24 13.8	
	MTE	comp=Z,33nm,1.2s		I Amb	I Amb	09 24 15.1	+0.7
	MTE	Manteigas	42.25 295	eP	P	09 24 14.7	
	MTE	comp=Z,32nm,1.5s		eLR	LR	09 36 39.0	
	MTE	comp=Z,100nm,18.0s		I AMs_20	I AMs_20	09 44 34.5	
	PBAR	Barrancos	42.26 291	eP	P	09 24 12.4	0.0
	PBAR	comp=Z,34nm,1.5s		I Amb	I Amb	09 24 14.3	
	PCBR	Castelo Branco	42.29 294	eP	P	09 24 12.7	+0.1
	PCBR	comp=Z,30nm,1.3s		I Amb	I Amb	09 24 14.1	
	POLO	Lamas de Oio	42.30 296	eP	P	09 24 11.7	-1.1
	POLO	comp=Z,12nm,1.8s		I Amb	I Amb	09 24 15.4	
	PMRV	Marv???	42.30 293	eP	P	09 24 11.8	-0.9
	PMRV	comp=Z,22nm,1.6s		eLR	LR	09 37 36.9	
	PMRV	comp=Z,104nm,20.0s		I AMs_20	I AMs_20	09 43 02.0	
	PCAB	Cabril	42.42 297	eP	P	09 24 15.5	+1.8
	PVIS	Viseu	42.47 295	eP	P	09 24 13.8	-0.4
	PESTR	Estremoz	42.55 292	eP	P	09 24 14.6	-0.2
	PESTR	comp=Z,15nm,2.1s		I Amb	I Amb	09 24 23.5	
	PGAV	Gavieira, Arco	42.57 297	eP	P	09 24 15.2	+0.2
	PGAV	comp=Z,40nm,1.4s		I Amb	I Amb	09 24 17.4	
	PGAV	comp=Z,122nm,16.0s		eLR	LR	09 41 20.8	
	PGAV	comp=Z,122nm,16.0s		I AMs_20	I AMs_20	09 46 57.7	
	PSARD	Sardao	42.85 294	eP	P	09 24 19.5	-2.5
	PBEJ	Beja	42.93 291	eP	P	09 24 17.5	-0.4
	PVAQ	Vaqueiros	42.94 290	eP	P	09 24 17.6	-0.4
	PVAQ	comp=Z,44nm,1.7s		I Amb	I Amb	09 24 19.1	
	PVAQ	comp=Z,75nm,18.0s		eLR	LR	09 36 30.7	
	PVAQ	comp=Z,75nm,18.0s		I AMs_20	I AMs_20	09 46 05.4	
	IGLA	Glengowia, Co	42.94 314	P	P	09 24 17.1	-0.6
	PMTO	Montargil	43.00 293	P	P	09 24 18.4	-0.1
	PCAS	Casmilo, Conde	43.03 294	eP	P	09 24 18.0	-0.7
	GT2A	Gaotai	43.13 67	eP	P	09 24 20.8	+1.2
	GT2A	comp=Z,16nm,1.3s		S	S	09 30 48.6	+3.1
	GT2A	comp=Z,230nm,18.1s		L	L		
	GT2A	comp=Z,230nm,18.1s		L	L		
	GT2A	comp=Z,200nm,18.1s		L	L		
	PCVE	Castro Verde	43.14 291	eP	P	09 24 20.0	+0.4
	PCVE	comp=Z,30nm,2.0s		I Amb	I Amb	09 24 29.7	
	VAL	Valentia	43.40 312	P	P	09 24 20.3	-1.1

2020 AUG

HOPEN	Hopen	43.53 353	eP	P	09 24 22.7	+0.5
HOPEN	comp=Z,153nm,1.2s		I Amb	I Amb	09 24 28.1	
TORD	Tordi Ar, Bea	44.92 253	P	P	09 24 34.8	+0.7
TORD	comp=Z,13nm,1.1s,baz=51,slow=6.6,SNR=30		P	P		
TORD	Tordi Ar, Bea	44.92 253	P	P	09 24 34.2	+0.1
TORD	comp=Z,18nm,1.4s		I Amb	I Amb	09 24 35.9	
IRK	Irkutsk	45.11 48	eP	P	09 24 36.5	+1.3
IRK	comp=Z,31nm,1.1s		P	P		
SPB2	Spitsbergen Ar	45.92 352	P	P	09 24 41.2	-0.1
SPA0	Spitsbergen Ar	45.93 352	eP	P	09 24 41.7	+0.3
SPA0	comp=Z,16nm,0.4s,baz=131,slow=10.0,SNR=60		I Amb	I Amb	09 24 42.3	
SPITS	Spitsbergen Ar	45.93 352	P	P	09 24 41.4	+0.1
SPITS	comp=Z,16nm,0.4s		P	P		
SPITS	Spitsbergen Ar	45.93 352	P	P	09 24 41.2	-0.1
SPITS	comp=Z,95nm,1.1s		P	P		
SONM	Songino Array	46.72 54	P	P	09 24 48.8	+0.7
SONM	comp=Z,0.7nm,0.5s,baz=285,slow=11,SNR=2.1		LR	LR	09 47 51.4	
SONM	comp=Z,166nm,19.2s,baz=238,slow=41		LR	LR		
LZH	Lanzhou	47.05 70	eP	P	09 24 52.6	+1.7
LZH	comp=Z,0.7nm,0.5s		sP	sP	09 25 02.4	+4.7
LZH	comp=Z,31nm,1.3s		L	L		
LZH	comp=Z,290nm,12.4s		L	L		
LZH	comp=Z,230nm,12.7s		L	L		
LZH	comp=Z,210nm,12.4s		L	L		
KBS	Kingsbay	47.06 352	eP	P	09 24 50.1	-0.1
KBS	comp=Z,24nm,1.0s		I Amb	I Amb	09 24 51.2	
KBS	Kingsbay	47.06 352	eP	P	09 24 50.0	-0.1
KBS	comp=Z,24nm,1.0s		P	P		
KBS	Kingsbay	47.06 352	iP	P	09 24 44.5	-5.7
ULN	Ulanbaatar	47.16 54	eP	P	09 24 51.5	0.0
ULN	comp=Z,13nm,1.1s		P	P		
ULN	Ulanbaatar	47.16 54	P	P	09 24 51.9	+0.4
PZH	Panzhihua	48.52 83	P	P	09 25 03.8	+1.4
CD2	Chengdu	48.55 77	P	P	09 25 03.6	+1.1
CHTO	Chiang Mai	49.57 94	P	P	09 25 10.2	-0.2
CHTO	comp=Z,11nm,0.6s		P	P		
CHTO	Chiang Mai	49.57 94	P	P	09 25 14.6	+4.3
CHTO	Chiang Mai	49.57 94	P	P	09 25 10.2	-0.2

Table of seismic events with columns: ILAR, Eielson Array, magnitude, depth, location, time, and status.

Summary text for the first table: IDC 09:23:18.9±5.3, 4.765±150.62E, h102km±47km, mb3.7/3, mbmtpd.1/4, MS2.9/2, Error ellipse: s-maj=123.4km...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Summary text for the second table: WEL 09:24:45.0±1.4, 33°S, 26°18'0E±4.7, h291km±39km, M3.8/7, mb4.3/4, ML3.9/10, MLv4.0/7, Mw(Mb)3.4/4, Error ellipse: s-maj=66.3km...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Summary text for the third table: IDC 09:41:00.2±1.5, 27.59N±0.3, 176.3W±0.3, h37km±n8, c0311/8, mb3.8/4, Kermadec Islands region...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Table of seismic events with columns: WRA, Warramunga Arr, magnitude, depth, location, time, and status.

Summary text for the fourth table: IDC 09:10:27:24.8±1.9, 17°31'S±179°13'W, h521km±20km, mb3.9/11, mbmtpd.4/2/12, Error ellipse: s-maj=18.8km...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Summary text for the fifth table: IDC 09:23:18.9±5.3, 4.765±150.62E, h102km±47km, mb3.7/3, mbmtpd.1/4, MS2.9/2, Error ellipse: s-maj=123.4km...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Summary text for the sixth table: WEL 09:24:45.0±1.4, 33°S, 26°18'0E±4.7, h291km±39km, M3.8/7, mb4.3/4, ML3.9/10, MLv4.0/7, Mw(Mb)3.4/4, Error ellipse: s-maj=66.3km...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Summary text for the seventh table: RSPR 09:10:26:9.19±14N-67°32'W, h38km±9km, MD3.4/12, SDD 09:10:26:6.25, 19°07'N-67°18'W, h0km±14km, MD3.5, ML2.0, MW2.1, Presumed earthquake...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Table of seismic events with columns: ECPR, Experimental S, magnitude, depth, location, time, and status.

Summary text for the eighth table: WEL 09:10:11:06.3±0.6, 40°S±3°17'7E±1.7, h38km±5km, M2.0/10, ML2.1/12, MLv2.0/10, Error ellipse: s-maj=5.4km...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Summary text for the ninth table: NOU 09:10:20:17.5, 21°78'S-169°89'E, h0km, MLv3.6/13, Southeast of Loyalty Islands, Southeast of Loyalty...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Summary text for the tenth table: IDC 09:10:26:16.3±2.4, 5.765±130.70E, h0km±mb3.4/1, mbmtpd.3/4, ML3.1/3, Error ellipse: s-maj=84.4km...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

Summary text for the eleventh table: IDC 09:13:39:18.2±1.0, 19°49'N-121°11'E, h1km, MS3.2, mbmtpd.3/7, ML3.5/2, MS3.2/4, Error ellipse: s-maj=34.1km...

Table of seismic events with columns: Code, Station Name, magnitude, depth, location, time, and status.

9d 12h

BBAC		S	Sn	11 53 18.8 -1.6
TXAR	Lajitas Array	36.40 312 P	P	11 57 29.2 +1.4
	0.2nm, 0.7s, baz=129, slow=6.4, SNR=2.7			
WRA	Warrunga Arr	150.33 241 PKPbc	PKPbc	12 10 10.6 -1.4
	0.2nm, 0.4s, baz=112, slow=2.3, SNR=4.7			
<p><i>BUI</i> 09 12:07:35.2, 36°49N, 81°50W, h5km, mB5.2, mb5.3/18, M5.3/19, M5.7 5.1/19</p> <p><i>MOS</i> 09 12:07:37.4, 0.8, 36°52N, 81°17W, h12km, mb5.6/4, M5.5/28, Error ellipse: s-maj=7.0km s-min=4.6km az=69.0</p> <p><i>NEIC</i> 09 12:07:37.8, 36°48N, 81°11W, h5km</p> <p><i>GFZ</i> 09 12:07:37.6, 0.2, 37°N, 3°8'W, h10km, M5.1/23, mb5.4/23</p> <p><i>NEIC</i> 09 12:07:37.8, 1.2, 36°47N, 01°81'08W, 01°02, h3km, 1km, mB5.5/122, mb_L5.5/177, ML5.6/133, Mw5.1/129, Mw5.5/154, Error ellipse: s-maj=2.9km s-min=2.8km az=121.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; Mr=4.76; Mb=0.94; M0=3.82; M1=0.86; M2=3.56; M3=1.32; Fault plane solution: Ms=85000*10¹⁶ NP1=165.05000°, S1=61000°, A1=116.47000°. NP2=306.33000°, S2=44000°, A2=604000°. Principal axes: T 5.3380, Plg69.0000°, Azm138.0000°; N 0.9177, Plg20.0000°, Azm328.0000°; P -6.2556, Plg3.0000°, Azm237.0000°</p> <p><i>IDC</i> 09 12:07:37.1-0.3, 36°54N, 81°16W, h0km, mb5.1/48, mbmp5.1/51, ML4.2/3, MS4.8/62, Error ellipse: s-maj=9.8km s-min=6.4km az=147.0</p> <p><i>NEIC</i> 09 12:07:37.9, 36°47N, 81°09W, h4km</p> <p><i>SLM</i> 09 12:07:37.7, 1.9, 36°48N, 01°81'09W, 01°02, h8km, 5km, Error ellipse: s-maj=2.3km s-min=1.7km az=142.0</p> <p><i>NEIC</i> 09 12:07:38.2, 36°48N, 81°11W, h12km, Moment Tensor Solution. Duration: 199 Moment tensor: Scale 10¹⁶Nm; Mn=4.34; M0=0.25; M1=4.09; M2=2.08; M3=4.69; Mw=0.00; Fault plane solution: Ms=64000*10¹⁶ NP1=173.8000°, S1=848.46000°, A1=135.96000°. NP2=298.55000°, S2=858.65000°, A2=150.95000°. Principal axes: T 5.5560, Plg57.0000°, Azm154.0000°; N 1.7947, Plg33.0000°, Azm321.0000°; P -3.5507, Plg6.0000°, Azm55.0000°</p> <p><i>GCMT</i> 09 12:07:39.8-0.1, 36°52N, 01°81'08W, 01°01, h13km, MW5.2/133, Moment Tensor Solution. s55, c87; s133, c232; Duration: 150 Moment tensor: Scale 10¹⁷ Nm; Mn=0.56±0.02; M0=0.05±0.01; M1=0.51±0.02; M2=0.15±0.04; M3=0.56±0.01; Mw=3.1±0.04; Best double couple: M0=80400*10¹⁷ NP1=136.0000°, S1=33.00000°, A1=75.00000°; M2=234.00000°, S2=352.00000°, A2=107.000000°; M3=216.00000°, S3=933.2°, Az=111.1335°, N 0.9147; Principal axes: T 0.6460, Plg75.0000°, Azm271.0000°; N 0.3160, Plg8.0000°; Azm149.0000°; P -0.9620, Plg13.0000°, Azm57.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function</p> <p><i>GFZ</i> 09 12:07:39.2, 36°51N, 81°17W, h10km, Mw5.2/38, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; Mn=4.73; M0=0.74; M1=3.99; M2=0.32; M3=3.46; Mw=3.69; Fault plane solution: Ms=72076*10¹⁶ NP1=165.22052°, S1=146113°, A1=109.77293°. NP2=306.70680°, S2=90630°, A2=56.25134°. Principal axes: T 6.2165, Plg65.9332°, Az=111.1335°, N 0.9147; Principal axes: T 0.6460, Plg75.0000°, Azm271.0000°; N 0.3160, Plg8.0000°; Azm149.0000°; P -0.9620, Plg13.0000°, Azm57.0000°</p> <p><i>BGR</i> 09 12:07:50.0, 36°90N, 79°90W, h33km, mB5.6, Ms5.2</p> <p><i>ISC</i> 09 12:07:37.9-0.2, 36°48N, 01°81'13W, 01°01, h10km, mB67, s1541/817, mB5.4/231, MS5.0/93, 42C-35D, North Carolina</p>				
Code	Station Name	Δ° AZ°	Phase ID	Time Res
				h m s I SC
TVNC	Taylorsville	0.45 189	Op	12 07 46.0 -1.9
U54A	Nelsons Funny	0.56 275	Pb	12 07 48.2 -1.7
U54A			Sg	12 07 55.6 -0.6
U54A			IAML	12 07 59.5
U56A	516um, 1.4s			
U56A	King	0.61 102	Pg	12 07 48.2 -1.5
U56A			Sg	12 07 55.9 -2.0
U56A			IAML	12 07 58.1
U56A	274um, 1.2s			
V55A	414um, 1.4s			
V55A	Taylorsville	0.63 187	Pb	12 07 49.0 -1.9
V55A			Sg	12 07 56.9 -1.5
V55A			IAML	12 08 03.8
GFM	286um, 1.1s			
GFM	Grandfather Mo	0.66 237	Pb	12 07 49.8 -1.8
BLA	Blacksburg	0.92 38	Pg	12 07 59.6 -1.3
BLA	Blacksburg	0.92 38	Pg	12 07 53.9 -1.9
BLA	Blacksburg	0.92 38	Pg	12 07 53.8 -1.9
BLA	Blacksburg	0.92 38	Sb	12 08 06.8 -1.6
BLA	Blacksburg	0.92 38	IAML	12 08 16.3
BLA	Blacksburg	0.92 38	IAML	12 08 16.5
SMNC	144um, 1.4s			
SMNC	South Mountain	0.98 205	Pg	12 07 55.3 -1.5
MGNC	Mount Gibbs	1.20 232	Pg	12 07 59.4 -1.5
SS4A	Dingess, Beckl	1.33 354	Pn	12 08 01.2 -1.3
SS4A	Dingess, Beckl	1.33 354	Sg	12 08 18.7 -1.6
SS4A	Dingess, Beckl	1.33 354	Sn	12 08 20.0 -0.6
SS4A	Dingess, Beckl	1.33 354	IAMB_Lg	12 08 21.9
SS4A	comp=Z, 14um, 0.8s			
SS4A	comp=Z, 38um, 0.7s			
SS4A	comp=Z, 65um, 1.9s			
KMSC	Kings Mountain	1.34 187	Pb	12 08 01.8 -1.4
KMSC	comp=Z, 27um, 1.3s			
KMSC	comp=Z, 27um, 1.3s			
VHTN	132um, 0.2s			
VHTN	Van Hill	1.35 267	Pg	12 08 02.2 -1.6
CCNC	Camp Creek Bal	1.36 251	Pg	12 08 02.3 -1.3
LRVA	Lonesome Ridge	1.37 284	Pg	12 08 02.5 -1.7
V53A	Saluda	1.59 240	Pg	12 08 05.7 -1.6
V53A			Sg	12 08 27.6 -1.3
V53A			IAMB_Lg	12 08 32.0
PAULI	comp=Z, 24um, 0.7s			
PAULI	Pauline	1.75 199	Pg	12 08 09.2 -2.2
PAULI	Pauline	1.75 199	Sg	12 08 32.9 -1.1
PAULI	Pauline	1.75 199	IAMB_Lg	12 08 34.8
V58A	Windy Hill, Pi	1.77 112	Pb	12 08 08.1 -2.2
V58A	Windy Hill, Pi	1.77 112	Sb	12 08 31.3 -1.2
V58A	Windy Hill, Pi	1.77 112	IAMB_Lg	12 08 33.5
ASTN	comp=Z, 24um, 1.1s			
ASTN	Avondale Sprin	1.90 266	Pb	12 08 11.8 -0.9
ASTN			Sg	12 08 38.1 -1.0
ASTN			Pb	12 08 11.0 -1.7
BIRD	Birdtown, Kers	1.91 163	Sb	12 08 36.1 -0.5
BIRD			IAMB_Lg	12 08 42.3
TZTN	comp=Z, 22um, 1.0s			
TZTN	Tazewell	1.95 273	Pb	12 08 12.4 -1.2
TZTN	Tazewell	1.95 273	Sg	12 08 39.6 -1.0
TZTN	Tazewell	1.95 273	IAMB_Lg	12 08 44.7
TZTN	comp=Z, 37um, 1.1s			
TZTN	Tazewell	1.95 273	P	12 08 12.5 -1.0
R55A	Marlington	1.97 24	Pb	12 08 11.8 -2.1
R55A	Marlington	1.97 24	Sg	12 08 39.4 -1.9
R55A	Marlington	1.97 24	IAMB_Lg	12 08 39.9
BG3	comp=Z, 7um, 1.1s			
BG3	Lake Jocassee	2.09 225	Pb	12 08 13.9 -1.9
BG3			IAMB_Lg	12 08 49.1
SS7A	comp=Z, 33um, 0.9s			
SS7A	Dark Hollow, R	2.16 53	Pb	12 08 14.8 -2.2
SS7A			IAMB_Lg	12 08 47.4
JSC	comp=Z, 30um, 1.1s			
JSC	Jenkinsville	2.19 183	P	12 08 15.2 -2.4
JSC	Jenkinsville	2.19 183	Pb	12 08 15.2 -2.4
SS1A	Beattyville	2.29 301	Pb	12 08 16.8 -2.5
SS1A			IAMB_Lg	12 08 52.6
TKL	comp=Z, 19um, 1.0s			
TKL	Tuckaleechee C	2.30 250	Pn	12 08 17.3 -2.1
TKL	comp=Z, 322nm, 0.3s, baz=78, slow=14, SNR=1623			
TKL	comp=Z, 584nm, 0.3s, baz=327, slow=5, SNR=5.5			
TKL	comp=Z, 38um, 20.0s, baz=82, slow=46			

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TKL	comp=Z, 1um, 0.4s			
TKL	Tuckaleechee C	2.30 250	P	12 08 16.8 -2.6
TKL	Tuckaleechee C	2.30 250	Pb	12 08 16.8 -2.6
X58A	Rowland	2.41 142	Pb	12 08 17.9 -3.5
HOGGE	Hodges	2.43 203	Pb	12 08 16.7 -3.5
PKKY	Potato Knob	2.43 322	Pb	12 08 19.1 -2.7
Q54A	Coxs Mills	2.51 5	Pb	12 08 19.5 -3.6
Y57A	Sumter	2.53 166	Pn	12 08 19.3 +0.4
Y57A			IAMB_Lg	12 09 01.4
W59A	Clinton	2.54 120	Pn	12 08 19.0 -0.1
CCRT	Cow Camps Rge	2.58 248	Pb	12 08 21.3 -3.0
GRBT	Greenback	2.62 253	Pb	12 08 21.7 -3.1
Q52A	Bidwell	2.64 340	Pn	12 08 20.9 +0.4
Q52A			IAMB_Lg	12 09 07.7
W52A	Murphy	2.67 240	Pb	12 08 22.4 -3.3
Y58A	Scranton	2.83 155	Pn	12 08 23.1 -0.1
Y58A			IAMB_Lg	12 09 11.6
T59A	Double "B" Far	2.91 79	Pn	12 08 23.7 -0.5
ETT	Etowah	2.94 248	Pb	12 08 26.1 -4.3
CPCT	Cooper Cave	2.94 251	Pb	12 08 25.2 +0.6
CPCT			IAMB_Lg	12 09 13.1
Q56A	Snyder Ridge,	2.98 30	Pn	12 08 25.8 +0.5
Q56A			IAMB_Lg	12 09 12.7
R58B	Mineral	2.98 59	Pn	12 08 25.1 -0.1
R58B			IAMB_Lg	12 09 18.9
P53A	Whipple	3.01 356	Pn	12 08 26.2 +0.6
P53A			IAMB_Lg	12 09 17.9
Q51A	comp=Z, 11um, 1.0s			
Q51A	Peebles	3.09 326	Pn	12 08 27.4 +0.6
Q51A			IAMB_Lg	12 09 20.8
R50A	Paris	3.12 306	Pn	12 08 28.2 +1.1
P52A	Corning	3.25 346	Pn	12 08 29.6 +0.7
P52A			IAMB_Lg	12 09 21.5
MCWV	comp=Z, 15um, 1.2s			
MCWV	Mont Chateau	3.33 17	Pn	12 08 31.1 +1.0
MCWV			IAMB_Lg	12 09 23.3
P51A	Williamsport	3.37 334	Pn	12 08 30.7 +0.2
P51A			IAMB_Lg	12 09 30.8
Y60A	Bolivia	3.43 135	Pn	12 08 31.6 +0.3
Y60A			IAMB_Lg	12 09 32.7
CBN	comp=Z, 19um, 0.8s			
CBN	Corbin Frederi	3.45 59	Pn	12 08 31.7 0.0
CBN			IAMB_Lg	12 09 28.6
NH5C	New Hope	3.45 167	Pn	12 08 31.6 -0.1
Y52A	Libur	3.55 224	Pn	12 08 33.8 +0.8
Y52A			IAMB_Lg	12 09 32.7
CSU	Charleston Sou	3.59 166	Pn	12 08 33.6 0.0
CSU			IAMB_Lg	12 09 39.2
X51A	Calhoun	3.59 239	Pn	12 08 34.3 +0.7
GOGA	Godfrey	3.61 213	P	12 08 33.9 0.0
GOGA			pmax	
GOGA	Godfrey	3.61 213	P	12 08 33.9 0.0
GOGA	Godfrey	3.61 213	P	12 08 34.4 +0.4
W50A	Signal Mountai	3.63 251	Pn	12 08 35.3 +1.1
RGRS	Roger Stewart	3.64 168	Pn	12 08 34.3 -0.1
RGRS			IAMB_Lg	12 09 33.3
O52A	comp=Z, 15um, 1.0s			
O52A	Adamsville	3.67 351	Pn	12 08 35.4 +0.6
O52A			IAMB_Lg	12 09 35.3
O44A	Shelbyville	3.70 301	Pn	12 08 36.4 +1.3
O54A	Avela	3.74 9	Pn	12 08 36.5 +0.8
O54A			IAMB_Lg	12 09 36.7
V61A	Red	3.74 99	Pn	12 08 36.0 +0.3
U49A	Roper Boiling Sp	3.75 272	Pn	12 08 36.5 +0.8
O53A	New Philadelph	3.77 359	Pn	12 08 36.5 +0.5
O53A			IAMB_Lg	12 09 45.5
P57A	comp=Z, 11um, 1.1s			
P57A	Homestead Farm	3.88 38	Pn	12 08 38.1 +0.6
AC50	Alum Creek Sta	4.02 339	Pn	12 08 39.9 +0.4
SWET	Seawance	4.10 254	Pn	12 08 41.9 +1.2
SWET			IAMB_Lg	12 09 52.2
FPAL	Fort Paine	4.14 243	Pn	12 08 42.1 +1.0
FPAL			IAMB_Lg	12 09 56.4
CLTN	Cedars of Leba	4.22 266	Pn	12 08 43.4 +1.1
CLTN			IAMB_Lg	12 09 54.2
N53A	Lisbon	4.33 3	Pn	12 08 44.3 +0.6
N53A			IAMB_Lg	12 09 55.4
WCJ	Wyandotte Cave	4.47 295	P	12 08 46.5 +0.8
WCJ			pmax	
WCJ	Wyandotte Cave	4.47 295	P	12 08 46.5 +0.8
WCJ	Wyandotte Cave	4.47 295	Pn	12 08 46.5 +0.8
WCJ	Wyandotte Cave	4.47 295	Pn	12 08 46.5 +0.8
WCJ	Wyandotte Cave	4.47 295	P	12 08 47.0 +1.3
WCJ	Soldier's Dell	4.48 48		

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like OBNSK, MOSCOW, ARGES, TORODI, etc.

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BRTR, KIRS, KIV, AKTO, etc.

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BNX, MAKZ, MKAR, etc.

DJA 09 12:15:30.9:0.5:5:4:12:6E: h191km,6km,M4,2/1, mB5.0/3,mb4.2/7,MLv4.3/12,MW(m)4.3/3,MW(m)4.4/1, MAN 09 12:5:33.0:6:63N:125:63E,h6km,MS3.7 ISC 09 12:5:23.7:1.3:6.05N:0.05x:126.03E:0.07,h131km,12km,n17,c2528/29,Mindanao Code Station Name Az AZ2 Phase ID Time Res

9d 12h

ROSC	comp=Z,7.3nm,0.4s,baz=111,slow=16,SNR=12	LR	LR	13 09 26.7
ROSC	comp=Z,3.0um,19.2s,baz=74,slow=35			
ROSC	El Rosal	46.71 276	P	12 50 41.9 -0.2
ROSC	comp=Z,87nm,1.5s			
ROSC	El Rosal	46.71 276	P	12 50 41.9 -0.2
BBSR	IBO Station P	47.04 317	P	12 50 42.5 +0.1
PB06	comp=Z,16nm,1.2s			
PB06	IBO Station P	46.82 237	P	12 50 44.0 -0.2
PB06	comp=Z,61nm,1.3s			
PB06	IPOC Station P	47.62 238	P	12 50 49.1 +0.3
ATE	Arete	48.46 26	P	12 50 56.4 +1.6
PB14	IPOC Station P	48.52 235	P	12 50 56.1 +0.1
PB14	comp=Z,75nm,1.6s			
PB14	IPOC Station P	48.52 235	P	12 50 57.7 +1.8
TSUM	Tsumeb	48.72 117	LR	13 07 07.1
TSUM	comp=Z,1.0um,21.8s,baz=314,slow=31			
TSUM	Tsumeb	48.72 117	P	12 50 57.3 -0.1
TSUM	comp=Z,1.0um,21.0s			
TSUM	Tsumeb	48.72 117	IAMS_20	13 06 54.7
KEST	Kesra	48.84 41	P	12 50 57.3 -0.6
KEST	comp=Z,1.4nm,1.0s,baz=239,slow=3			
KEST	Kesra	48.84 41	P	12 50 58.3 +0.3
KEST	comp=Z,2.4nm,0.9s			
CEST	Estერი de Car	48.98 28	P	12 50 59.9 +1.0
CEST	Windhoek	49.47 121	P	12 51 03.4 +0.3
WIN	comp=Z,33nm,1.3s			
WIN	Windhoek	49.47 121	P	12 51 03.4 +0.3
WIN	comp=Z,20nm,1.4s			
WIN	Windhoek	49.47 121	P	12 51 03.1 +0.1
EJON	La Jonquera	49.66 30	P	12 51 06.1 +2.0
SJAF	Saint Jean de	49.68 30	P	12 51 04.8 +0.6
SJAF	comp=Z,23nm,1.4s			
MTLF	Montlieu	50.00 28	P	12 51 06.9 +0.3
MTLF	comp=Z,36nm,1.3s			
MTLF	Montlieu	50.00 28	P	12 51 06.9 +0.3
CFA	Coronel Fontan	50.18 226	LR	13 12 54.2
CFA	comp=Z,2.0um,18.3s,baz=35,slow=37			
AC05	El Transito	50.30 230	P	12 51 10.1 +0.8
AC05	El Transito	50.30 230	P	12 51 12.2 +2.8
NNA	Nana	50.44 254	LR	13 12 18.1
NNA	comp=Z,1.0um,19.6s,baz=55,slow=36			
NNA	Nana	50.44 254	i/P	12 51 07.0 -3.4
NNA	comp=Z,31nm,1.1s			
NNA	Nana	50.44 254	IAMS_20	13 12 06.6
ZON	Zonda	50.47 227	P	12 51 11.6 +1.2
ZON	comp=Z,49nm,1.5s			
ZON	Zonda	50.47 227	P	12 51 11.6 +1.2
ZON	comp=Z,49nm,1.5s			
ZON	Zonda	50.47 227	P	12 51 17.8
AC04	Llanos de Chal	50.63 232	P	12 51 12.3 +0.7
AC04	comp=Z,45nm,1.3s			
AC04	Llanos de Chal	50.63 232	P	12 51 21.6
LCO	Las Campanas	50.72 231	P	12 51 13.3 +0.7
LCO	comp=Z,32nm,1.4s			
LCO	Las Campanas	50.72 231	P	12 51 13.3 +0.7
LCO	comp=Z,2.0um,20.0s			
LCO	Las Campanas	50.72 231	P	12 51 12.9 +0.3
CO01	Juntas del Tor	50.72 229	IAMB	12 51 22.9
CO01	comp=Z,46nm,1.4s			
OTAV	Otavalo	50.75 270	P	12 51 13.3 0.0
OTAV	comp=Z,21nm,1.4s			
OTAV	Otavalo	50.75 270	P	12 51 13.3 0.0
OTAV	comp=Z,897nm,22.0s			
VSL	Villasalto	51.18 37	IAMS_20	13 14 29.6
ATAH	Atahualpa	51.19 260	LR	13 12 41.5
ATAH	comp=Z,2.0um,21.0s,baz=78,slow=36			
ARBH	Arbahuja	51.64 30	P	12 51 20.5 +1.6
CO02	Combarbal	52.00 228	P	12 51 22.9 +0.9
CO02	comp=Z,36nm,0.9s			
RUSF	Rustrel	52.04 30	P	12 51 19.9 -2.1
RUSF	comp=Z,15nm,1.7s			
KOOLE	Kule	52.28 120	P	12 51 24.8 +0.5
KOOLE	comp=Z,41nm,1.1s			
MT08	Bocatoma Ro	52.42 225	P	12 51 26.3 +1.1
MT08	comp=Z,84nm,1.2s			
CLTB	Caltabellella	52.44 41	P	12 51 26.8 +1.6
CLTB	comp=Z,113nm,1.6s			
BCIP	Isla Barro Col	52.52 281	IAMS_20	13 09 22.3
BCIP	comp=Z,7.4nm,20.0s			
SSB	Saint Sauveur	52.56 28	P	12 51 26.6 +0.8
SSB	comp=Z,50nm,1.3s			
SSB	Saint Sauveur	52.56 28	P	12 51 26.6 +0.8
SSB	comp=Z,50nm,1.3s			
SSB	Saint Sauveur	52.56 28	IAMS_20	13 11 55.9
PEL	comp=Z,67nm,20.0s			
PEL	Peldehue	52.74 226	P	12 51 27.6 +0.2
PEL	comp=Z,43nm,1.1s			
PEL	Peldehue	52.74 226	P	12 51 27.6 +0.2
PEL	comp=Z,3.0um,19.0s			
PEL	Peldehue	52.74 226	P	12 51 36.6
PEL	comp=Z,43nm,1.1s			
PEL	Peldehue	52.74 226	P	12 51 28.1 +0.7
MT13	San Alfonso	52.77 225	P	12 51 28.3 +0.6
MT03	Universidad Ad	52.80 225	P	12 51 28.6 +0.6
MT05	Renca	52.91 226	P	12 51 29.2 +0.6
MT05	comp=Z,64nm,1.2s			
BO04	La Punta	53.13 225	P	12 51 31.1 +0.8
BO04	comp=Z,54nm,1.1s			
VAE	Valguarnera	53.18 42	LR	13 14 37.5
VAE	comp=Z,2.0um,18.2s,baz=235,slow=37			
MT01	Popeta	53.52 225	P	12 51 33.3 +0.2
MT01	comp=Z,53nm,1.2s			
LKGBW	Lokgweb	53.55 121	P	12 51 37.6 +4.0
LKGBW	comp=Z,48nm,1.2s			
CLF	Chambon-Forêt	53.64 25	P	12 51 35.1 +1.5
CLF	comp=Z,39nm,1.2s			
BO02	Sierra Bellavi	53.67 224	P	12 51 34.5 +0.2
BO02	comp=Z,41nm,1.1s			
BO01	Tunca	53.68 225	P	12 51 34.6 +0.4
BO01	comp=Z,41nm,1.0s			
HAL	Halifax	53.91 329	P	12 51 35.2 -0.5
HAL	comp=Z,109nm,1.4s			
HAL	Halifax	53.91 329	P	12 51 35.2 -0.5
HAL	comp=Z,49nm,1.4s			
HAL	Celeste	54.59 429	P	12 51 35.2 -0.5
HAL	comp=Z,37nm,1.1s			
HAL	Celeste	54.59 429	P	12 51 41.6 +0.1
SENI	Lac Senin/Sane	54.67 29	P	12 51 50.7
SENI	comp=Z,43nm,1.2s			
SENI	Lac Senin/Sane	54.67 29	IAMS_20	13 15 14.8
BI02	San Fabin de	55.01 223	P	12 51 44.2 +0.3
BI02	comp=Z,630nm,18.0s			
PRMA	PARMA	55.12 32	P	12 51 45.2 +0.7
ZCCA	Zocca	55.20 33	P	12 51 45.8 +0.6
AQU	L'Aquila	55.34 36	P	12 51 46.7 +0.5

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AQU	comp=Z,550nm,1.0s			
AQU	L'Aquila	55.34 36	P	12 51 46.7 +0.5
AQU	comp=Z,50nm,1.0s			
AQU	L'Aquila	55.34 36	P	12 51 55.5
AQU	comp=Z,50nm,1.0s			
AQU	L'Aquila	55.34 36	i/P	12 51 47.1 +0.9
AQU	comp=Z,591nm,comp=Z,44nm,1.1s			
AQU	L'Aquila	55.34 36	P	12 51 46.1 -0.1
MURB	Monte Urbino	55.38 35	P	12 51 46.6 +0.1
INTR	Introdacqua	55.43 37	P	12 51 46.9 0.0
INTR	comp=Z,61nm,1.2s			
INTR	Introdacqua	55.43 37	IAMB	12 51 56.5
NRCA	Norcia	55.46 36	P	12 51 47.2 +0.1
FDMO	Fiordimonte	55.56 36	P	12 51 47.9 0.0
FDMO	comp=Z,66nm,1.5s			
FDMO	Fiordimonte	55.56 36	IAMB	12 51 58.3
TIP	Timpagrade	55.65 41	i/P	12 51 48.3 -0.2
TIP	Timpagrade	55.65 41	P	12 51 48.4 -0.1
TIP	comp=Z,45nm,1.3s			
TIP	Timpagrade	55.65 41	IAMS_20	13 17 44.1
TIP	comp=Z,783nm,18.0s			
TIP	Timpagrade	55.65 41	P	12 51 47.2 -1.3
GUMA	comp=Z,23nm,1.4s			
GUMA	Guaido di Mace	55.73 36	P	12 51 48.8 -0.2
TUE	Stuetta	55.76 30	P	12 51 48.5 -0.9
ECH	Echery	55.94 27	P	12 51 50.5 +0.1
ECH	comp=Z,28nm,1.1s			
ECH	Echery	55.94 27	P	12 51 50.5 +0.1
ECH	comp=Z,290nm,21.5s,baz=214,slow=31			
ECH	Echery	55.94 27	IAMS_20	13 13 13.2
GGN	Saint George	55.95 327	P	12 51 50.5 0.0
GGN	comp=Z,74nm,1.5s			
GGN	Saint George	55.95 327	IAMB	12 51 59.7
EMMW	East Machias	56.02 327	P	12 51 51.1 +0.1
EMMW	comp=Z,49nm,1.2s			
EMMW	East Machias	56.02 327	IAMB	12 51 53.6
DOU	Dourbes	56.22 24	dP	12 51 52.2 0.0
DOU	comp=Z,21nm,1.2s			
TEOL	Teolo	56.23 30	P	12 51 52.8 +0.2
DAVOX	Davos/Dischmat	56.24 30	LR	13 14 37.1
DAVOX	comp=Z,392nm,18.4s,baz=253,slow=35			
DAVOX	Davos/Dischmat	56.24 30	LR	13 14 37.1
L64A	Middleborough	56.31 322	P	12 51 53.3 +0.2
BMRD	Maredsous	56.45 24	dP	12 51 52.9 -1.1
BMRD	comp=Z,9.3nm,1.4s			
SUR	Sutherland	56.48 131	LR	13 10 57.1
SUR	comp=Z,290nm,21.5s,baz=214,slow=31			
SUR	Sutherland	56.48 131	LR	13 10 57.1
RCHB	Rochert	56.53 25	dP	12 51 54.5 0.0
RCHB	comp=Z,11nm,1.2s			
RCHB	Rochert	56.53 25	dP	12 51 54.5 0.0
WLF	Walfordange	56.55 26	IAMS_20	13 13 56.3
WLF	comp=Z,953nm,19.0s			
WLF	Walfordange	56.55 26	dP	12 51 55.4 +0.7
WLF	comp=Z,7.0nm,1.4s			
WLF	Walfordange	56.55 26	dP	12 51 55.4 +0.7
BFO	Black Forest	56.56 28	P	12 51 55.3 +0.4
BFO	comp=Z,45nm,1.3s			
BFO	Black Forest	56.56 28	P	12 51 55.3 +0.4
BFO	comp=Z,45nm,1.3s			
BFO	Black Forest	56.56 28	IAMB	12 52 03.7
BFO	comp=Z,45nm,1.3s			
BFO	Black Forest	56.56 28	IAMS_20	13 13 52.8
BFO	comp=Z,550nm,20.0s			
BFO	Black Forest	56.56 28	P	12 51 55.4 +0.6
BFO	comp=Z,34nm,1.2s,baz=226,slow=6.9			
BFO	Black Forest	56.56 28	eP	12 51 55.4 +0.6
DAVA	Damuels	56.59 30	i/P	12 51 54.9 -0.3
DAVA	comp=Z,30nm,1.0s,SNR=18			
DAVA	Damuels	56.59 30	i/P	12 51 54.9 -0.3
DAVA	comp=Z,30nm,1.0s,SNR=18			
DAVA	Damuels	56.59 30	P	12 51 56.0 +0.6
UCole	Uccle	56.66 24	dP	12 51 53.3 -2.8
UCole	comp=Z,18nm,1.2s			
UCole	Uccle	56.66 24	dP	12 51 53.3 -2.8
UCole	comp=Z,18nm,1.2s			
UCole	Uccle	56.66 24	dP	12 51 53.3 -2.8
PLCA	Paso Flores	56.83 218	P	12 51 57.5 +0.5
PLCA	comp=Z,5.1nm,1.1s,baz=38,slow=14,SNR=3.4			
PLCA	Paso Flores	56.83 218	P	13 16 10.2
PLCA	comp=Z,1.0um,19.3s,baz=48,slow=36			
PLCA	Paso Flores	56.83 218	P	13 16 10.2
PLCA	comp=Z,5.1nm,1.1s			
PLCA	Paso Flores	56.83 218	P	12 51 56.7 -0.2</

9d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTV Rentapao, DVP Devils Point, YATNC Mamie plateau, etc.

IDC 09 13:33:56.6:3.8, 8.82S, 148.01E, h122km, 14km, mb3.0/2, mbtmp3.5/3, MS3.3/1, Error ellipse: s-maj=62.6km s-min=36.0km az=99.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMG Pori Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

AEIC 09 13:43:35.3:0.8, 51.44N, 177.07W, 0.06, h35km, 7km, Error ellipse: s-maj=8.7km s-min=4.4km az=156.0

NEIC 09 13:43:35.7:0.8, 51.44N, 177.07W, 0.03, h35km, 2km, ML3.6/10, ML3.2(AEIC), Error ellipse: s-maj=11.4km s-min=3.4km az=5.0, Andean/Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KIMD Kanaga Island, KIWIB Kanaga Island, KIKV Kanaga Island, etc.

IDC 09 14:26:40.5:3.5, 30.42N, 140.03E, h0km, mb3.2/2, mbtmp4.1/3, ML2.2/1, Error ellipse: s-maj=248.2km s-min=33.2km az=84.0, Southeast of Honshu

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

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CATAC 09 14:52:00.7:0.3, 9°N, 3°E, 8°4'W, h23km, 2km, M4, 2/14, MLV4, 2/14, Error ellipse: s-maj=6.8km s-min=3.1km az=39.9, confirmed

UCR 09 14:52:01.7:0.7, 9.02N, 83.69W, h38km, 3km, MW4.3, Presumed earthquake

ISC 09 14:52:01.4:1.0, 8.97N, 104.8373W, 0.03, h30km, 5km, n72, c077/84, 7C-2D, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OCHAL Ojochal, EDPE Pejibaye, PANP Palmar Arce, etc.

DJA 09 14:54:42.7:0.5, 6°S, 4°E, 12°9'E, h347km, 9km, M4, 1/21, mb4.9/5, mb3.9/10, MLV4, 1/21, Mw(m)6.4/2/5

NEIC 09 14:54:44.5:0.3, 5.74S, 0.09, 128.9E, 0.1, h130km, 14km, mb4.2/11, Error ellipse: s-maj=17.7km s-min=11.7km az=106.0

IDC 09 14:54:46.0:6.6, 5.96S, 129.33E, h289km, 101km, mb3.3/1, mbtmp4.2/4, MS3.4/1, Error ellipse: s-maj=93.8km s-min=63.8km az=121.0

ISC 09 14:54:43.6:0.8, 5.76S, 128.87E, s-maj=93km, n30, c153/32, mb3.4/3, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, BNI Namia, NLAU Saumlaki, etc.

548

BBOO Buckleboog 27.73 167 P Iamb Iamb 15 00 04.5 -0.6 15 00 10.9

STKA Stephens Creek 28.58 157 P Iamb Iamb 15 00 12.2 -0.5 15 11 33.5

CAN Canberra 34.78 150 P Iamb Iamb 15 01 05.8 -0.7 15 01 07.0

JSG Sagara 41.17 12 P P 15 01 58.5 -0.9

NOU 09 14:55:22.2, 19.15S, 168.63E, h0km, MLV4, 3/19, Vanuatu Islands

NEIC 09 14:55:23.3:0.7, 19.10S, 0.07, 169.02E, 0.08, h70km, 9km, mb4.3/9, Error ellipse: s-maj=12.4km s-min=7.9km az=135.0

IDC 09 14:55:23.7:5.3, 19.48S, 169.28E, h100km, 46km, mb3.8/4, mbtmp4.1/5, Error ellipse: s-maj=94.4km s-min=39.0km az=133.0

ISC 09 14:55:22.9:0.9, 19.12S, 168.98E, 0.09, h70km, n34, c054/35, mb3.4/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTV Rentapao, DVP Devils Point, YATNC Mamie plateau, etc.

ASAR Alice Springs 32.92 256 P Iamb Iamb 15 01 50.5 -0.3 15 01 51.1

ASAR Alice Springs 32.92 256 P Iamb Iamb 15 01 50.8 -0.1 15 01 50.2 -0.6

ASAR Alice Springs 32.92 256 P Iamb Iamb 15 01 50.2 -0.6 15 02 24.9 +0.1

ASAR Alice Springs 32.92 256 P Iamb Iamb 15 01 50.2 -0.6 15 03 01.1

ASAR Alice Springs 32.92 256 P Iamb Iamb 15 01 50.2 -0.6 15 03 18.1

ASAR Alice Springs 32.92 256 P Iamb Iamb 15 01 50.2 -0.6 15 03 31.1

ASAR Alice Springs 32.92 256 P Iamb Iamb 15 01 50.2 -0.6 15 03 48.6 -0.4

ASAR Alice Springs 32.92 256 P Iamb Iamb 15 01 50.2 -0.6 15 04 49.5 +0.6

MOS 09 14:57:50.0:0.8, 55.23N, 158.12W, h12km, mb5.7/85, MS4, 5/27, Error ellipse: s-maj=8.7km s-min=4.2km az=99.9

BUI 09 14:57:52.0:5.0, 20N, 158.10W, h27km, mb5.3/33, mb5.6/85, MS5, 0/89, MS7, 4/8/66

NEIC 09 14:57:53.4:5.1, 15N, 158.12W, h24km, mb5.7/120, mb5.4/222, MW5, 1/23, Mw(m)5.2/120

IDC 09 14:57:54.7:0.7, 55.17N, 158.23W, h32km, 4km, mb5.1/35, mbtmp5.2/40, ML5.0/5, MS4, 5/86, Error ellipse: s-maj=12.2km s-min=8.8km az=177.0

AEIC 09 14:57:54.2:1.7, 55.05N, 0.04, 157.93W, 0.08, h23km, 2km, Error ellipse: s-maj=7.9km s-min=4.8km az=131.0

NEIC 09 14:57:54.5:5.1, 15N, 158.13W, h32km, mb5.3/752, ML5.4/38, MW5, 1/30, Mw(m)5.1/93, ML5.2(AEIC), Error ellipse: s-maj=6.1km s-min=4.5km az=223.0

Moment Tensor Solution. Moment tensor: Scale 1016Nm; Mrr: 3.4; Mth: -3.24; Mtt: 0.20; M3: 3.78; M3: -0.78; M3: 0.92; 1.21, 4.90000. Principal axes: T 6.0573, Plg1 0.0000, Azm312.0000; N -0.3818, Plg10.0000, Azm61.0000; P -5.6755, Plg27.0000, Azm157.0000

GCMT 09 14:57:56.0:2.5, 55.06N, 0.01, 157.93W, 0.02, h35km, MW5, 1/114, Moment Tensor Solution. s94, c147; s114, c196; Duration: 0 Moment tensor: Scale 1016Nm; Mrr: 4.86; 1.4; Mth: 4.12; 1.1; Mtt: 0.74; 1.0; M3: 3.05; 1.0; M3: -2.56; 0.7; M3: 1.65; 1.2; Best double couple: 8.62, 4120000, 1.88, 6400000. Principal axes: T 5.9670, 1.87, 0.0000. NP2=63.00000, 863.00000, 1.92, 0.00000. Principal axes: T 6.0940, Plg27.0000, Azm337.0000; N 0.6310, Plg10.0000, Azm243.0000; P -6.7290, Plg18.0000, Azm152.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 09 14:57:59.4:5.5, 05N, 158.13W, h36km, Moment Tensor Solution. Duration: 199 Moment tensor: Scale 1016Nm; Mrr: 4.92; Mth: -3.91; Mtt: -1.01; M3: 2.93; M3: -2.26; M3: 1.76; Fault plane solution: M6.08000x1016 NP1=59.920000, 8.62, 4120000, 3.27, 90000, 1.92, 570000. NP2=59.920000, 8.62, 4120000, 1.88, 6400000. Principal axes: T 5.9670, Plg73.0000, Azm327.0000; N 0.2268, Plg1.0000, Azm61.0000; P -6.1939, Plg17.0000, Azm151.0000

BGR 09 14:58:02.7:56.27N, 158.37W, h33km, mb5.3, Ms4.2

ISC 09 14:57:53.6:0.3, 55.15N, 0.03, 158.11W, 0.03, h27km, 1km, h27km; pp-P, n1547, c1806/1277, mb5.4/764, MS4.5/131, 99C-32D, Alaska Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHNA Chernabura Isl, CNBA Chernabura Isl, CNBA Chernabura Isl, etc.

ANNW	Aniakchak Nort	1.83 358	Pn	14 58 24.7 +1.5
PS1A	Pavlof South-1	2.10 279	Pn	14 58 28.1 +1.3
PS1A			Pb	14 58 55.5 -0.9
PS4A	Pavlof South-4	2.15 277	Pn	14 58 28.5 +0.9
PS4A			Pb	14 58 57.2 +0.8
DOL	Dolgoi Island	2.15 272	Pn	14 58 28.7 +1.0
DOL			Pb	14 58 57.7 -1.0
DTNA	Dutton South F	2.38 272	Pn	14 58 31.8 +1.1
DTNA			Pb	14 59 03.4 -1.1
DT1	Dutton Round H	2.40 271	Pn	14 58 32.0 +1.1
DT1			Pb	14 59 03.4 -1.6
R16K	Pilot Point	2.44 7	IAML	14 59 15.9
R16K	comp=N,27um,1.0s		IAML	14 59 26.0
R17L	Mt. Peaville Vol	2.67 21	Sb	14 59 10.0 -3.1
OHAK	Old Harbor	3.41 50	P	14 58 44.6 -0.2
OHAK	Old Harbor	3.41 50	Pn	14 58 44.3 -0.5
ACHA	Alone Creek He	3.44 25	Pn	14 58 45.8 +0.5
Q16K	King Salmon	3.63 12	Pn	14 58 49.0 +1.2
P16K	Nushagak River	3.90 1	Pn	14 58 52.6 +1.1
KDIK	Kodiak Island	4.05 47	Pn	14 58 52.6 -1.0
KDIK	comp=N,45nm,0.3s,baz=217,slow=7.2,SNR=320			
KDIK	comp=N,201nm,0.5s			
KDAK	Kodiak Island	4.05 47	AML	14 58 53.0 -0.6
KDAK	Kodiak Island	4.05 47	Pn	14 58 53.0 -0.6
KDAK	Kodiak Island	4.05 47	IAML	15 00 16.1
KDAK	comp=N,4um,1.2s			15 00 17.0
KDAK	comp=N,3um,1.1s			14 58 53.3 -0.3
O15K	Unalgalthiuk R	4.15 348	Pn	14 58 56.0 +1.0
O15K			IAML	15 00 19.9
O15K	comp=E,3um,1.1s			15 00 28.1
O15K	comp=N,3um,0.8s			14 58 56.0 +0.8
P17K	Kvichak River	4.16 12	Pn	14 58 56.0 +0.8
O14K	Tiguyakuivet M	4.46 339	Pn	14 59 00.5 +1.2
O14K			IAML	15 00 30.7
O14K	comp=N,3um,0.8s			15 00 34.2
O14K	comp=E,3um,0.9s			14 58 59.8 +0.6
O16K	Kokwok River B	4.46 0	Pn	14 58 59.8 +0.6
Q19K	Cape Douglas,	4.51 31	Pn	14 59 02.2 +0.2
AKSA	Akutan Strait	4.52 260	Pn	14 59 02.9 +0.7
AKUT	Akutan	4.56 260	P	14 59 02.1 +1.4
AKUT	Akutan	4.56 260	Pn	14 59 01.9 +1.2
AKUT			IAML	15 00 18.9
AKUT	comp=E,3um,0.9s			15 00 19.3
AHB	Akutan Harbor	4.59 260	Pn	14 59 02.1 +1.0
AKBBA	Akutan Broad B	4.67 260	Pn	14 59 02.9 +0.8
AKGG	Akutan Green G	4.67 262	Pn	14 59 03.4 +1.2
O17K	Koliganek Bria	4.67 6	Pn	14 59 02.9 +1.1
AKV	Akutan Volcano	4.67 261	Pn	14 59 03.6 +1.3
ZRO	Akutan Zoro	4.69 260	Pn	14 59 03.7 +1.2
LVA	Lava Point	4.71 261	Pn	14 59 03.9 +1.2
LVA			IAML	15 00 22.7
LVA	comp=E,3um,0.8s			15 00 24.2
LVA	comp=N,5um,0.8s			14 59 04.0 +1.0
AKRB	Akutan Reef Bi	4.73 261	Pn	14 59 06.9 +0.5
O18K	Koktuh Hills	4.97 17	IAML	15 01 01.9
UNV	Unalaska Valle	5.06 259	P	14 59 08.2 +0.7
UNV	Unalaska Valle	5.06 259	IAML	15 00 25.3
UNV	comp=E,1um,1.2s			15 00 27.7
N15K	Kwethluk River	5.15 349	Pn	14 59 10.0 +1.3
N15K			IAML	15 01 01.6
N14K	Kuskokwak Cree	5.16 340	Pn	14 59 10.0 +1.1
N14K			IAML	15 01 14.0
N17K	Nushagak Hills	5.42 5	Pn	14 59 12.9 +0.5
ILSW	Ilisliamna Southw	5.54 27	Pn	14 59 14.4 +0.2
IL6K	Timber Creek	5.91 356	Pn	14 59 20.9 +1.1
RED	Redoubt Volcan	6.01 26	Pn	14 59 20.9 +0.4
OKTU	Okmok Mt. Tuli	6.08 257	Pn	14 59 21.7 +0.1
RJHJ	Redoubt Jeurge	6.15 25	Pn	14 59 23.0 +0.5
SPU	Mount Spurr	6.84 25	Pn	14 59 23.1 0.0
SPU			P	14 59 35.5 +0.3
SPIA	Saint Paul Isl	7.08 292	P	14 59 36.6 +1.4
STLK	Strandline Lak	7.17 25	Pn	14 59 36.8 +0.2
CLES	Cleveland East	7.33 256	Pn	14 59 39.9 +1.3
PMR	Palmer	8.00 32	P	14 59 47.1 -0.7
FID	Fort Fidslow	8.35 43	Pn	14 59 51.4 -1.2
EYAK	Cordova Slek Ar	8.52 46	P	14 59 54.4 -0.8
ATKA	Atka Island	9.99 259	Pn	15 00 15.6 +0.5
ATKA	Atka Island	9.99 259	Pn	15 00 15.5 +0.4
GRNC	Granite Creek	10.32 51	Pn	15 00 18.5 -1.4
MENT	Mentasta	10.74 38	P	15 00 26.0 +0.6
COLA	College	11.01 23	P	15 00 26.2 -2.7
COLA	College	11.01 23	P	15 00 26.4 -2.5
COLA	College	11.01 23	Pn	15 00 26.3 -2.7
PNL	Peninsula	11.05 58	Pn	15 00 30.1 +0.5
F15K	North Star Dit	11.07 346	Pn	15 00 31.1 +1.3
IMAR	Indian Moutain	11.08 9	Pn	15 00 30.1 +0.1
ILAR	Eielson Array	11.15 26	Pn	15 00 27.6 -3.3
ILAR	comp=E,3.4nm,0.3s,baz=217,slow=1.4,SNR=135			
ILAR	comp=E,3.3nm,0.3s,baz=213,slow=1.4,SNR=4.4			
ILAR	comp=E,2um,20.8s,baz=216,slow=4.1			
ILAR	comp=E,0.8nm,1.0s,baz=286,slow=2.2,SNR=4.4			
ILAR	comp=E,1.2nm,0.5s			
ILAR	comp=N,1.79nm,1.0s,comp=N,2um			
ILAR	comp=N,1.1nm,1.1s			
BCAR	Beaver Creek A	11.52 40	P	15 00 35.2 -0.8
ADK	Adak	11.52 261	P	15 00 36.5 +0.4
ADK	Adak	11.52 261	Pn	15 00 36.5 +0.4
ADK	Adak	11.52 261	P	15 00 35.9 +0.2
ADK	Adak	11.52 261	P	15 00 35.9 -0.2
KIWB	Kanaga Island	11.80 262	Pn	15 00 39.8 -0.1
P29M	Windy Craggy	11.85 59	Pn	15 00 40.5 -0.1
SKAG	Skagway	13.02 61	P	15 00 58.4 +1.9
JISJ	Juneau Island	13.38 67	Pn	15 01 02.5 +1.2
WHY	Whiteside	13.49 56	Pn	15 01 02.5 -0.4
C16K	Utukuk Hills	13.60 348	Pn	15 01 04.4 +0.2
C18K	Litkoor River	13.63 355	Pn	15 01 04.9 +0.1
AMBA	Amchitka	14.02 264	Pn	15 01 09.2 -0.9
DIK	Dawson Inlet,	15.11 87	Pn	15 01 24.1 -0.7
C23K	Ikliulik River	15.12 10	IAMB	15 01 32.5
B22K	Teshkeguk Lake	15.39 6	IAMB	15 01 33.4
MMPY	Sheldon Lake,	15.67 51	IAMB	15 01 38.8
MMPY	comp=N,123nm,0.8s			
DLBC	Dease Lake	15.68 66	Pn	15 01 32.1 -0.3
DLBC	comp=N,1.9nm,0.3s,baz=242,slow=1.2,SNR=19			
DLBC	comp=N,2um,18.1s,baz=262,slow=37			
DLBC	comp=N,3.3nm,0.6s			
DLBC	comp=N,1.4nm,0.7s			
H31M	Peel River	15.73 38	AML	15 01 39.3
G30M	Aah Zraii Nij	15.78 33	IAMB	15 01 39.2
G30M	comp=N,205nm,0.7s			
HG4B	Hot Spring	16.14 89	P	15 01 39.9 -1.4
F30M	Barrier River	16.31 31	IAMB	15 01 48.1
G31M	Satah River	16.36 34	IAMB	15 01 46.0
G31M	comp=N,331nm,1.4s			
SHEM	Shemya Is, Ala	16.50 273	Pn	15 01 42.1 -0.6
SHEM	comp=N,4.0nm,0.3s,baz=84,slow=9.2,SNR=2.3			
SHEM	comp=N,2um,20.8s,baz=68,slow=37			
SHEM	comp=N,2.52nm,0.7s			
SHEM	Shemya Is, Ala	16.50 273	AML	15 01 48.7
SHEM	comp=N,2.33nm,0.8s			
F31M	Tsigichtic	16.83 33	IAMB	15 01 50.3
INK	Inuvik	17.41 31	Pn	15 01 53.0 -1.1
INK	comp=N,2.24nm,0.3s,baz=205,slow=8.5,SNR=64			
INK	comp=N,3um,19.5s,baz=224,slow=39			
INK	comp=N,1.21nm,0.5s			

INK	Inuvik	17.41 31	IAMB	15 01 56.2
INK	comp=N,1.42nm,0.6s			
BBB	Bella Bella	17.95 87	LR	15 07 30.5
BILI	Bilibino	20.84 322	P	15 02 33.7 +0.9
BILI	comp=N,295nm,comp=N,2.96nm,1.3s			
C36M	Palautuk	20.88 34	P	15 02 33.0 -0.1
BILL	Bilibino	20.90 322	CP	15 02 32.2 -1.1
BILL	comp=N,103nm,1.1s			
BILL	comp=N,4um,17.0s			
BILL	Bilibino	20.90 322	P	15 02 32.7 -0.6
A36M	Sachs Harbor	21.85 27	P	15 02 42.6 -0.8
A36M	comp=N,192nm,0.8s			
LLL	Lillooet	22.16 87	P	15 02 48.1 +1.0
PGC	Sidney	22.18 93	P	15 02 47.3 +0.1
B04A	Port Angeles	22.45 94	P	15 02 50.5 +0.4
B04A	Maple Falls	22.75 91	IAMB	15 03 06.9
WISH	Wishkah	22.80 96	IAMB	15 03 08.9
WISH	comp=N,176nm,1.4s			
E03A	Lebam	23.24 97	IAMB	15 03 11.1
E03A	comp=N,14nm,1.2s			
YKA	Yellowknife Ar	23.29 54	P	15 02 58.4 -0.3
YKA	comp=N,2.2nm,0.5s,baz=273,slow=9.3,SNR=83			
YKA	comp=N,4.5nm,0.7s,baz=264,slow=2.4,SNR=4.6			
YKA	comp=N,2um,18.3s,baz=276,slow=39			
YKAW	Yellowknife Wh	23.35 54	IAMB	15 03 02.1
F03A	Seaside	23.60 99	IAMB	15 03 17.1
F03A	comp=N,272nm,1.8s			
D05A	Enunclaw	23.78 94	IAMB	15 03 19.3
D05A	comp=N,289nm,1.1s			
G04A	Mulino	24.64 99	IAMB	15 03 24.2
G04A	comp=N,72nm,0.9s			
HOOD	Mount Hood Mea	25.04 98	IAMB	15 03 28.6
HO4A	Detroit Lake	25.12 100	IAMB	15 03 29.8
HO4A	comp=N,107nm,1.2s			
PET	Petropavlovsk	25.15 283	P	15 03 15.2 -0.8
PET	Petropavlovsk	25.15 283	P	15 03 15.8 -0.5
PET	Petropavlovsk	25.15 283	eP	15 07 40.5 +1.4
PET	Petropavlovsk	25.15 283	eS	15 08 51.2 +2.1
PET	Petropavlovsk	25.15 283	eS	15 08 51.2 +2.1
PET	comp=N,148nm,0.7s			
PET	comp=N,2.600nm,17.0s			
PET	comp=N,800nm,17.0s			
PET	Petropavlovsk	25.15 283	P	15 03 15.5 -0.5
PET	Petropavlovsk	25.15 283	P	15 03 16.6
PET	Petropavlovsk	25.15 283	P	15 03 15.8 -0.2
PET	Petropavlovsk	25.15 283	P	15 03 16.2 +0.2
G05A	Wamic	25.27 98	IAMB	15 03 34.1
G05A	comp=N,191nm,1.6s			
PEA0B	Petropavlovsk-	25.65 284	P	15 03 19.8 -0.8
PETK	Petropavlovsk-	25.65 284	P	15 03 20.2 -0.4
PETK	comp=N,136nm,0.7s,baz=76,slow=13.3,SNR=159			
PETK	comp=N,6.8nm,0.7s,baz=65,slow=3.8,SNR=7.1			
PETK	comp=N,2.904nm,20.1s,baz=81,slow=37			
PETK	comp=N,136nm,0.7s			
PETK	Petropavlovsk-	25.65 284	P	15 03 20.5 -0.1
PETK	Petropavlovsk-	25.65 284	P	15 03 20.5 -0.1
F07A	Phinny Hill Vi	25.69 95	IAMB	15 03 35.5
F07A	comp=N,86nm,1.1s			
WIFE	Three Sisters-	25.71 100	IAMB	15 03 36.6
WIFE	comp=N,84nm,1.2s			
EDM	Edmonton	25.93 76	P	15 03 23.4 +0.2
EDM	comp=N,99nm,0.8s			
EDM	Edmonton	25.93 76	P	15 03 23.4 +0.2
EDM	Edmonton	25.93 76	IAMB	15 03 25.4
NEW	Newport	26.01 88	LR	15 12 10.6
NEW	comp=N,1um,20.7s,baz=93,slow=33			
NEW	Newport	26.01 88	P	15 03 25.4 +1.5
NEW	comp=N,31nm,1.1s			
SEY	Seymour	26.02 308	LR	15 14 43.2
SEY	comp=N,18.8s,baz=89,slow=39			
SEY	Seymour	26.02 308	P	15 03 22.4 -1.4
SEY	comp=N,4.1nm,0.9s			
J04A	Umqua Nationa	26.06 102	IAMB	15 03 32.9
J04A	comp=N,1um,20.7s,baz=94,slow=37			
YBH	Yreka Blue Hor	26.72 105	LR	15 11 37.1
YBH	comp=N,3um,22.0s,baz=312,slow=31			
MA2	Magadan	27.35 300	P	15 03 35.2 -0.6
MA2	comp=N,2.4nm,0.7s,baz=91,slow=12,SNR=17			
MA2	comp=N,1um,21.9s,baz=94,slow=37			
MA2	Magadan	27.35 300	P	15 03 35.3 -0.6
MA2	Magadan	27.35 300	P	15 03 35.5 -0.4
MA2	Magadan	27.35 300	P	15 03 35.4 -0.5
MA2	Magadan	27.35 300	P	15 03 35.7 -0.2
MA2	Magadan	27.35 300	P	15 03 36.0 +0.1
SKR	Severo-Kuril's	27.56 280	CP	15 03 37.2 -0.6
O03E	Paynes Creek	28.20 107	IAMB	15 03 56.0
O03E	comp=N,2.4nm,1.1s			
WVOR	Wild Horse Val	28.54 100	P	15 03 48.0 +1.3
WVOR	comp=N,303nm,1.4s			
MPK	Harley Peak	29.88 106	IAMB	15 04 17.2
MPK	comp=N,39nm,1.0s			
HLID	Mailis	30.23 94	P	15 04 02.8 +0.9
PNTR	Pine Nut	30.26 106	IAMB</	

9d 14h

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like PVI18 Skein Mesa, PA, CBX Cerro Bola, and many others.

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Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like MSTX Muleshoe, SCIA State Center, and many others.

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Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like SFJD comp=Z,51nm,0.7s, SFJD Kangerlussuaq, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Osenovka, Ibbenburg, Kajisay, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BGES Gesves, UBBA Untereibzbach, BMRD Mareduros, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KRLO Kraliky, GRA3 Grafenberg Arr, GRA1 Grafenberg Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHTO Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VALANDOVO, KELT, PAOL, TOLIZ, TOLIZ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KEESRA, KAKADU, NARMADA NAGAR, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PALP Casiguran, PCPS Palayan City, BRGY Gulod, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PZH comp=N,60nm,1.7s, EVN Everest, CD2 Chengdu, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like ZSN Zaisan, MK31 Makanchi Array, MKAR Makanchi Array, etc.

DJA 09 17:13:20.9,3.5,31.31N;95.49E, h10km, Mb4.6, ML4.3

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like LUWI Luwu, APSI Ampana, KDI Kendari, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CHTO Chiang Mai, XAN Xi'an, GYA Guiyang, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BJI2 Beijing, ULN Ulaanbaatar, ULN Ulaanbaatar, etc.

NDI 09 17:13:20.9,3.5,31.31N;95.49E, h10km, Mb4.6, ML4.3

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ZIRO ZIRO, LSA Lhasa, TAWA TAWA, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CHTO Chiang Mai, XAN Xi'an, GYA Guiyang, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BJI2 Beijing, ULN Ulaanbaatar, ULN Ulaanbaatar, etc.

NEIC 09 17:13:33.3,1.8,30.45N;107.94E, h10km, Mb4.9, ML4.3

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ZIRO ZIRO, LSA Lhasa, TAWA TAWA, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CHTO Chiang Mai, XAN Xi'an, GYA Guiyang, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BJI2 Beijing, ULN Ulaanbaatar, ULN Ulaanbaatar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Stuetta, Black Forest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waomatatini S, Raukumara Rang, etc.

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

ICD 09 17:18:32.21.0.30.21N:94.77E, h0km, mb3.6/9, mbtmp3.6/11, ML3.6/2, Error ellipse: s-maj=38.5km s-min=19.2km az=54.0

ICD 09 17:23:12.1.2.2.30.48N:94.69E, h0km, mb3.5/4, mbtmp3.5/7, ML3.8/2, Error ellipse: s-maj=49.6km s-min=23.7km az=66.0

SOME 09 17:35:17.4.39.75N:77.17E, h5km NINC 09 17:35:25.0.1.9.40.00N:77.23E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=14.1km s-min=10.3km az=168.0

Table with columns: STA, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LCO Las Campanas, AC05 El Transito, AC04 Llanos de Chal, etc.

Table with columns: STA, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, STKA Lajas Array, ASAR Alice Springs, etc.

Table with columns: STA, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

ICD 09 18:12:36.5:2.7, 20.31Sx178.04W, h562km, 27km, mb2.8/3, mbtmp3.8/5, Error ellipse: s-maj=56.5km s-min=38.1km az=16.0

ICD 09 18:34:02.5:2.3, 36.57N:69.83E, h229km, 55km, mb3.2/3, mbtmp3.8/8, Error ellipse: s-maj=38.1km s-min=23.6km az=30.0

ICD 09 19:07:15.3:5.0, 22.65N:94.23E, h61km, 44km, mb3.3/5, mbtmp3.5/6, ML3.4/1, Error ellipse: s-maj=100.9km s-min=18.2km az=61.0, Myanmar

ICD 09 18:12:34.4:1.9, 20.6S:0.3:177.8W:0.3, h534km, n6, c1568/6, mb3.3/3, Fijil Islands region

ICD 09 18:48:00.4:2.2, 7.29S:130.31E, h0km, mb3.5/1, mbtmp3.6/4, ML3.7/3, Error ellipse: s-maj=82.1km s-min=28.2km az=78.0, Tanimbar Islands region

NIC 09 19:18:50.1:1.1, 42.46N:78.54E, h0km, mb3.2, mpv3.3, Error ellipse: s-maj=8.4km s-min=3.4km az=165.0

ICD 09 18:17:48.1:3.3, 49.24S:106.38E, h0km, mb3.8/5, mbtmp3.8/5, MS3.6/8, Error ellipse: s-maj=111.9km s-min=22.0km az=114.0

BER 09 19:04:12.6:2.7, 81.37N:3.33W, h10km, Mw3.6, ML2.2(DNK), Confirmed Earthquake

ICD 09 19:18:51.0:0.9, 42.46N:0.03:78.47E:0.02, h7km, 6km, n50, c1559/2, 22C-12Z, Lake Issyk-Kul region

Table with columns: O30N, comp=N, 150nm, 0.8s, O30N, Mendenhall, 2.79 332, Pn, Pn, 20 14 15.2 +1.2, etc.

Table with columns: PKIN, Phulchoki, 5.79 126, Pn, Pn, 20 24 31.2 +1.6, etc.

Table with columns: KURS, 174nm, 0.2s, S, Sb, 20 39 35.1 -1.0, etc.

IDC 09:20:17.49.3.30.0, 29.81S, 179.42W, h388km, 287km, mb3.0/3, mbtmp 3.73, Error ellipse: s-maj=156.0km

NOU 09:20:18:37.3.34.85S, 180.00E, h354km, mb4.07, South of Kermadec Islands

ISC 09:20:17.45.4.1.2, 30.32S, 0.09, 178.9W, 0.2, h350km, n59, e190/63, mb3.2/3, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GLKZ Green Lake, 1.37 40, Op Pn, 20 18 41.4 +8.5, etc.

Table with columns: AAK, Ala-Archa, 12.36 340, P, AML, 20 26 00.3 +0.7, etc.

Table with columns: KURS, 174nm, 0.2s, S, Sb, 20 39 35.1 -1.0, etc.

IDC 09:20:33.43.5.2.9, 30.28S, 178.10W, h0km, mb3.9/3, mbtmp 3.9/3, Error ellipse: s-maj=85.2km s-min=40.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ASAR Alice Springs, 43.03 267, Op P, 20 41 44.6 -0.5, etc.

Table with columns: WRA Warramunga Arr, 44.01 272, P, 20 41 53.4 +0.3, etc.

Table with columns: DJR Jarjent, 28nm, 0.2s, 2.03 47, Pg, 20 39 51.8 -1.1, etc.

NNC 09:20:39:14.6.0.3, 43.02N, 177.69E, h1km, 2km, mb3.4, mpv3.6, Error ellipse: s-maj=3.6km s-min=1.2km az=176.0

Table with columns: WRA Warramunga Arr, 44.01 272, P, 20 41 53.4 +0.3, etc.

Table with columns: ASAR Alice Springs, 43.03 267, Op P, 20 41 44.6 -0.5, etc.

Table with columns: DJR Jarjent, 28nm, 0.2s, 2.03 47, Pg, 20 39 51.8 -1.1, etc.

IDC 09:20:23:01.3.0.7, 30.91N, 80.06E, h0km, mb3.7/16, mbtmp 3.7/19, ML3.6/3, MS3.1/1, Error ellipse: s-maj=22.6km s-min=1.9km az=43.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DANN Damsing, 4.18 130, Pn, Pn, 20 24 09.2 +1.6, etc.

Table with columns: ANVS Anan'yevoy, 0.20 191, Op P, 20 39 18.1 +0.1, etc.

Table with columns: AAK Ala-Archa, 2.40 263, Pn, 20 39 57.0 -0.8, etc.

9d 20h

Table with columns: MRKS, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Merke, Baital, Karatay Array, Kurchatov Arra, etc.

NEIC 09 20:40:28.6: 1.4, 2.73N, 0.05: 84.45W: 0.10, h10km, 1km, mb4.6/75, Error ellipse: s-maj=16.4km s-min=7.9km az=89.0
RSNC 09 20:40:29.0: 4.0, 2.1N, 3.8: 8.4W: , h0km, M4.5, mb4.7, mB5.2, ML3.9, Mw(mB)4.6, MwMwp5.7, Mwp5.8
GCMT 09 20:40:32.0: 3.2, 2.79N, 0.02: 84.54W: 0.03, h18km, 1km, MW4.9/95, Moment Tensor Solution, s29.c30, s95.c124; Duration: 0 Moment tensor: Scale 1016Nm; Mw=1.50; 1.2; Mw2.20; 0.9; Mw-0.69; 0.9; Mw0.25; 1.6; Mw0.36; 0.6; Mw2.05; 2.8; Best double couple; Mw=76400.0/1016 NP1=112.00000°, 647.00000°, -1.34.00000°. NP2: 62.227.00000°, 866.00000°, -1.32.00000°. Principal axes: T 2.3400, P11.0000, Azm346.0000; N 0.8520, P1g37.0000, Azm247.0000; P -3.1870, P1g51.0000, Azm89.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Puerto Lpez, Cacao, Volcan, Otavalo, Azuero, etc.

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Main table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Tierras Morena, Quebradon, Liberia Airoport, Cui Cui, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SWET, TKL, Tazewell, V53A, V48A, V48A, V58A, V58A, etc.

Table with columns: WRA, Warramunga Arr, 34.12 262, P, P, 22 39 01.7 -0.1, etc.

NEIC 09 22:36:44.5±1.0, 3.29S; 0.08±0.143; 74E; 0.09, h10km, 1km, mb4.6/29, Error ellipse: s-maj=15.4km s-min=12.7km az=295.0

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.

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.

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.

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: H11N2, WAKE ISLAND Hy 32.28 44 T T 23 17 19.0

Table with columns: H11N3, WAKE ISLAND Hy 32.28 44 T T 23 17 19.6

Table with columns: JOW, Kunigami, 33.47 334 LR LR 22 54 05.0

Table with columns: BRAT, Ballarat, 34.09 180 P P 22 43 30.9 +2.3

Table with columns: JNU, Nakatsu, 38.21 342 LR LR 22 56 23.5

Table with columns: MJAR, Matsushiro Arr, 39.97 353 LR LR 22 59 53.6

Table with columns: NJ2, Nanjing, 42.36 328 eP pmax 22 44 38.3 0.0

Table with columns: KSR5, Korea Array, 43.13 342 LR LR 23 01 13.0

Table with columns: TUW2, Tuamarina, 46.65 149 P P 22 45 12.7 +0.1

Table with columns: BCW, Tory Channel, 46.67 148 P P 22 45 12.7 0.0

Table with columns: TSWZ, Blackbirch Sta, 48.24 149 P P 22 45 13.6 -0.3

Table with columns: USRK, Ussuriysk Arr, 48.45 349 P P 22 45 26.4 0.0

Table with columns: CMAR, Chiang Mai Arr, 49.11 298 P P 22 45 31.5 -0.5

Table with columns: CMAR, Chiang Mai Arr, 49.11 298 P P 22 45 31.6 -0.4

Table with columns: PZH, PanZhihua, 50.24 309 P P 22 45 43.1 +2.5

Table with columns: HHC, Hu-ho-hao-te, 52.85 330 eP P 22 46 00.7 +0.8

Table with columns: KLR, Kul'dur, 53.34 350 LR LR 23 05 47.5

Table with columns: HILR, Hailar Array B, 56.59 342 LR LR 23 10 16.3

Table with columns: SONM, Songino Array, 60.49 332 LR LR 23 11 24.6

Table with columns: ATKA, Atka Island, 65.73 27 P P 22 47 29.8 +1.2

Table with columns: PET, comp=Z.94nm,0.5s smax smax

Table with columns: PET, comp=N.670nm,0.6s smax smax

Table with columns: INSR, Institute, 2.57 26 eP Pn 22 40 44.2 -0.2

Table with columns: DALK, Dalky, 2.61 27 eS S 22 41 16.2 +0.4

Table with columns: UGLR, Uglovaya, 2.79 26 eS S 22 40 48.3 +1.0

Table with columns: GANLY, Ganaly, 3.05 23 eS S 22 40 48.5 +1.6

Table with columns: KOK, Koryaka, 2.81 23 eS S 22 40 48.8 +1.1

Table with columns: AVH, Avacha, 2.81 25 eP Pn 22 40 48.9 +1.2

Table with columns: SMAR, Somma, 2.83 25 eP Pn 22 40 48.9 +0.9

Table with columns: KRER, Koryakskii, 2.85 25 eP Pn 22 40 49.5 +1.2

Table with columns: KRER, Koryakskii, 2.85 25 eP Pn 22 40 49.5 +1.2

Table with columns: SDLR, Sedlovina, 2.86 26 eP Pn 22 40 48.7 +0.3

Table with columns: KRX, Arik, 2.88 23 eP Pn 22 40 49.6 +1.1

Table with columns: NLC, Nalytchevo, 2.92 32 eP Pn 22 40 47.5 -1.3

Table with columns: NLC, Nalytchevo, 2.92 32 eP S 22 41 21.0 -2.1

Table with columns: GANLY, Ganaly, 3.05 13 eS S 22 40 51.1 +0.2

Table with columns: SPN, Mys Shipunski, 3.11 39 eS S 22 40 51.0 -0.5

Table with columns: SPN, Mys Shipunski, 3.11 39 eS S 22 41 26.4 -1.3

Table with columns: KMY, Karyshkiy, 3.69 25 eS S 22 41 26.5 -1.3

Table with columns: MKZ, Mys Kozlova, 4.88 36 eP Pn 22 41 13.8 -1.6

KRSC 09 22:40:01.0±1.9, 5.049N; 157.27E, h72km±23km, M14.7

MOS 09 22:40:02.1±0.8, 50.58N; 156.87E, h86km, mb4.4/14, Error ellipse: s-maj=11.9km s-min=3.8km az=75.5

IDC 09 22:40:05.2±2.4, 50.81N; 156.66E, h104km±21km, mb3.8/7, mbmp4.0/12, MS2.7/5, Error ellipse: s-maj=28.2km s-min=13.2km az=151.0

NEIC 09 22:40:07.5±0.9, 51.05N; 0.10±156.5E; 0.2, h115km±7km, mb4.5/104, Error ellipse: s-maj=17.0km s-min=11.0km

ISC 09 22:40:04.6±0.7, 50.73N; 0.06±156.78E; 0.05, h94km±5km, n231, ±1905/252, mb4.5/67, 7C, Kuril Islands

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

Table with columns: SKR, Severo-Kuril's, 0.42 264 iP Pn 22 40 17.8 -1.3

Table with columns: SKR, Severo-Kuril's, 0.42 264 iP Pn 22 40 17.8 -1.3

Table with columns: SKR, Severo-Kuril's, 0.42 264 iP Pn 22 40 17.8 -1.3

Table with columns: YAK, Yakutsk, 18.62 318 LR LR 22 51 17.4

Table with columns: YAK, Yakutsk, 18.62 318 eS S 22 47 36.4 -4.8

Table with columns: HEH, Heihe, 18.64 280 eP Pn 22 44 15.6 -0.4

Table with columns: MJAR, Matsushiro Arr, 19.46 230 P P 22 44 23.7 0.0

Table with columns: MJAR, Matsushiro Arr, 19.46 230 P P 22 44 24.5 +0.8

Table with columns: MJAR, Matsushiro Arr, 19.46 230 P P 22 44 24.5 +0.8

Table with columns: L14K, Kuka Creek, 24.59 49 P P 22 45 15.9 +0.5

Table with columns: K15K, Wolf Creek Mou, 25.26 47 I Amb I Amb 22 45 21.3 -0.3

Table with columns: C16K, Lisburne Hill, 25.40 32 I Amb I Amb 22 45 21.6 -1.1

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Table with columns: E23K, CHANDALAR, 31.00, 36, P, 22.46, 12.3, -0.3, Iamb, Iamb, 22.46, 13.1, ...

Table with columns: PDAR, Pinedale Array, 60.50, 58, P, 22.50, 05.2, +0.6, ...

Table with columns: GLI, Glacier Island, 1.98, 278, Pn, 22.47, 07.4, +0.2, ...

BARN		IAML	23 11 17.6	SKAG	Skagway	4.03 104	P	Pn	23 11 54.2 +1.8	M17K	Holifna River	7.05 282	Pn	23 12 33.8 -0.1
BARN	comp=N,12um,0.6s	IAML	23 11 19.3	SKAG	Skagway	4.03 104		Pn	23 11 52.8 +0.4	F25K	Christian River	7.05 352	Pn	23 12 35.3 +1.3
	comp=E,22um,0.5s			SKAG	Skagway	4.03 104	IAML		23 12 54.8 +0.4	WTLV	Watson Lake, Y	7.07 88	Pn	23 12 34.1 0.0
BM01	Bremner River	Pg	23 11 04.9 -2.1	BRLL	Bradley Lake	4.03 261		Pn	23 11 51.5 -1.0	O17K	Koliganek Bris	7.08 269	Pn	23 12 34.5 +0.3
GOAT	Goat Mountain	Pb	23 11 19.6 +0.4	K29M	Barlow Dome	4.10 36		Pn	23 13 03.2 -0.2	F26K	Sheenjek River	7.08 356	Pn	23 12 36.1 +1.8
RAGM	Ragged Mountai	Pb	23 11 07.2 -0.4							F28M	Four Creek	7.11 10	Pn	23 12 35.3 +0.5
RAGM		Sg	23 11 20.4 +0.7							SII	Sitkinak Islan	7.14 240	Pn	23 12 34.5 -0.6
GLB	Gilahina Butte	Pg	23 11 06.2 -1.4	K29M	comp=N,634nm,1.1s					SII	Sitkinak Islan	7.14 240	Pn	23 12 34.7 -0.4
CLB		Pg	23 11 07.8 -1.9							IM05	Indian Mountai	7.18 322	Pn	23 12 36.6 +0.9
LOGN	Logan Glacier	Sg	23 11 17.2 -0.1	J25K	Salcha River	4.12 346		Pn	23 11 52.0 -1.7	IMAR	Indian Mountai	7.20 322	Pn	23 12 36.0 +0.2
LOGN		Sg	23 11 20.6 -2.4	MCK	McKinley	4.15 321		Pn	23 11 54.5 +0.4	F24K	Squaw Lake	7.21 345	Pn	23 12 36.9 +0.9
KAIM	Kayak Island	Sg	23 11 09.5 -0.8	L22K	Petersville	4.16 300		Pn	23 11 54.6 +0.4	F30K	Attoleneega Mo	7.24 317	Pn	23 12 36.5 +0.9
CHIX	Chaix Hills	Sg	23 11 23.3 -0.3							COLD	Coldfoot	7.31 337	Pn	23 12 38.4 +1.0
SMH	Samovar Hills	Pb	23 11 11.8 -0.4							G31M	Satah River	7.37 28	Pn	23 12 38.9 +0.6
SMH		Pb	23 11 12.9 -1.2	HDA	Harding Lake	4.18 336		Pn	23 11 55.1 +0.6	CRAIG	Craig	7.38 130	P	23 12 39.0 +0.6
SMH		Pb	23 11 13.7 -0.1	CNPM	China Foot	4.28 258		Pn	23 11 57.0 +1.2	L17K	Donlin	7.49 288	Pn	23 12 40.0 +0.2
SMH		Pb	23 11 13.1 +2.5	SKT	Skwentna	4.32 292		Pn	23 11 57.4 +1.0	G21K	Atkasleet	7.50 262	Pn	23 12 40.9 +0.8
PS12	TAPS Pump St12	Pn	23 11 13.2 -2.1	SKT						R17L	Vol. Peulik Vol	7.51 252	Pn	23 12 40.5 +0.3
EYAK	Cordova Ski Ar	P	23 11 15.9 +0.2							K17K	Iditarod	7.56 292	Pn	23 12 40.9 0.0
EYAK	Cordova Spti Ar	P	23 11 15.7 -0.1							E25K	Arctic Village	7.57 353	Pn	23 12 41.9 +0.9
EYAK		Pn	23 11 17.2 -1.9	STLK	Strandline Lake	4.37 285		Pn	23 11 57.5 +0.4	T27M	Bob Quinn	7.58 114	Pn	23 12 42.7 +1.5
O28M	Mount Upton	Pn	23 11 14.0 -2.5	S31K	Pelican	4.40 125		Pn	23 11 58.7 +1.1	E35K	Coleen River	7.58 4	Pn	23 12 42.4 +1.2
DIV	Divide	Pn	23 11 15.2 -1.7	J29N	Klonidke Camp	4.40 28		Pn	23 11 59.5 +1.9	D23K	Kokwok River B	7.61 269	Pn	23 12 43.2 +1.1
PCA	Pinnacle	Sb	23 11 16.1 +0.2	M31M	Drury Creek, Y	4.42 66		Pn	23 11 58.6 +0.8	F30M	Barrier River	7.65 21	Pn	23 12 43.2 +1.1
KLU	Klutina	Pn	23 11 18.7 -1.0	TRF	Thorofore Moun	4.42 312		Pn	23 11 59.4 +1.4	P16K	Nushagak River	7.72 264	Pn	23 12 41.8 -1.2
		Pn	23 11 53.5							N16K	Nishik Lake	7.77 275	Pn	23 12 44.1 +0.3
		Pn	23 11 20.0 -0.2	HOM	Hom	4.43 261		Pn	23 11 58.2 +0.2	H19K	Roundabout Mou	7.80 314	Pn	23 12 44.0 -0.2
		Pn	23 11 20.0 -0.4	HOM						M16K	Timber Creek	7.80 280	Pn	23 12 44.5 +0.3
		Pn	23 11 21.2 +0.6	HOM						F24K	Your Creek	7.81 247	Pn	23 12 45.3 +0.8
		Pn	23 11 50.5	SPCG	Spurr Capps G1	4.44 282		Pn	23 13 41.7	F31T	Tsigheitchik	7.92 27	Pn	23 12 45.7 0.0
		Pn	23 11 20.0 -0.2	SPU	Mount Spurr	4.45 281		Pn	23 11 58.5 +0.4	E23K	Chandler	7.96 342	Pn	23 12 46.9 +0.5
		Pn	23 11 21.2 +0.6	WRH	Wood River Hill	4.49 331		Pn	23 11 59.0 +0.7	L16K	Owhat River	8.03 285	Pn	23 12 48.1 +0.8
		Pn	23 11 50.5	ILH	Ilisa Hill	4.50 338		Pn	23 11 59.9 +0.2	F21K	Alatina River	8.03 330	Pn	23 12 47.2 -0.1
		Pn	23 11 21.4 +0.2	ILAR	Eielson Array	4.50 338	Pn	Pn	23 11 60.0 +1.1	E29M	Blow River	8.06 14	Pn	23 12 48.4 +0.6
		Pn	23 11 49.2	ILAR	comp=N,6.0nm,0.3s,baz=166,slow=12,SNR=190		Lg	Lg	23 13 12.4	E28M	Babbage River	8.11 9	Pn	23 12 49.2 +0.8
		Pn	23 11 57.6	ILAR	comp=N,6.2nm,0.3s,baz=150,slow=23,SNR=7.2		LR	LR	23 14 11.6	H18K	Honhosa River	8.32 309	Pn	23 12 52.5 +1.2
		Pn	23 11 20.4 -0.7	ILAR	comp=N,5.55nm,19.9s,baz=150,slow=45					G19K	Purcell Mounta	8.36 317	Pn	23 12 52.2 +0.3
		Pn	23 11 49.3	ILAR	comp=N,2.4nm,0.6s					F20K	Avaraut Lake	8.51 324	Pn	23 12 54.4 +0.6
		Pn	23 11 49.4	ILAR	comp=N,5.55nm,19.9s,baz=150,slow=45					O17K	Ungalak River	8.58 267	Pn	23 12 55.9 +1.0
		Pn	23 11 22.4 +0.3	ILAR	comp=N,2.4nm,0.6s					D27M	Malcolm River	8.66 5	Pn	23 12 56.5 +0.5
		Pn	23 11 22.4 -0.2	ILAR	comp=N,2.4nm,0.6s					M15K	Kasigluk River	8.68 278	Pn	23 12 57.3 +1.1
		Pn	23 11 24.6 -0.3	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 00.7	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 25.1 +0.1	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 11.7	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 23.2	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pb	23 11 26.6 -1.3	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 24.9 -0.5	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 25.4 +1.3	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 52.0 -1.0	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 26.5 +1.1	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 23.5 0.0	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 27.8 +0.1	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 27.7 -0.8	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 31.3 -1.2	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 01.3 +0.2	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 29.9 +1.0	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 06.2	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 16.6	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 30.2 +0.4	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 06.5	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 10.3	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 30.2 +0.1	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 09.6	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 30.2 +0.1	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 09.6	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 31.1 +0.8	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 32.2 +1.1	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 05.5	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 32.8 +0.6	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 34.2 +1.8	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 33.5 +0.6	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 33.2 0.0	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 22.6	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 34.6 +0.2	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 35.5 +0.5	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 30.7	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 34.4	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 11 36.3 +0.4	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 14.8	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0
		Pn	23 12 26.5	ILAR	comp=N,2.4nm,0.6s					INK	Inuvik	8.69 24	Pn	23 12 57.3 +1.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MOA, WATA, CONA, SQT, LESA, WTTA, FETA, DAVOX, RONA, PDGK, TUE, FUORN, KBA, ARSA, SESA, ABTA, SOKA, BUR08, OBKA, BURAR, TEOL, BOOM, ESCD, ESCD, KBZ, CHGR, PZH, BRTR, BRTR, MD01, MD31, CMAR, CMAR, CZSB, BOSA, QSPA, QSPA.

AEIC 09 23:13:35.0±2.2, 60.68N±0.01, 143.01W±0.02, h10km±3km, Error ellipse: s-maj=1.6km s-min=1.4km az=150.0

NEIC 09 23:13:35.2±0.6, 60.692N±0.008, 142.99W±0.02, h6km±3km, ML3.6/96, ML3.5(AEIC), Error ellipse: s-maj=1.6km s-min=1.1km az=116.0, Southern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CROM, TGL, BARK, KIAG, BERG, BALM, PTPK, VRDI, GRNC, CYK, MCARA, YAH, YAH, YAH, BARN, BARN, BMRM, BMRM, GLB, GOAT, FAGIM, LOGN, LOGN, KAIM, CHX, SAMH, PS12, EYAK, EYAK, O28M, O28M, DIV, DIV, PCA, PCA, YUK2, KLU, KLU.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YUK3, YUK8, M26K, M26K, FID, M27K, M27K, M27K, HIN, PS11, PS11, HARP, HARP, GLI, PNL, MID, MID, O29M, O29M, MENT, MENT, MENT, P23K, P23K, L26K, L26K, SCM, SCM, L27K, M23K, PAX, PWL, PWL, PWL, HYT, KNK, KNK, KNK, M29M, SML, SML, P29M, N30M, GHO, PMR, PMR, PMR, DHY, DHY, DHY, RIDG, SEW, RC01, RC01, RC01, L29M, L29M, K24K, K24K, M30M, SLKM.

KRSC 09 23:25:04.5±1.3, 50.95N±157.77E, h53km±18km, ML4.2, IDC 09 23:25:08.7±3.6, 51.19N±157.57E, h80km±28km, mb3.2/8, mbtmp3.5/8, Error ellipse: s-maj=30.9km s-min=21.1km az=158.0

ISC 09 23:25:05.9±1.4, 50.95N±0.09, 157.65E±0.08, h57km±11km, n43.0/1924/44, mb3.5/8, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PAU, PAU, KDR, KDR, SKR, SKR, MIPR, ASAK, ASAK, MTRV, MTRV, RUS, RUS, GRL, GRL, KRMR, APC, PETK, PETK, PETK, DALK, DALK, DALK, INSR, INSR, UJVR, UJVR, SPN, SPN, SMAR, SMAR, KRER, KRER, KNL, KNL, GNL, GNL, MKZ, MKZ, ILAR, ILAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H11S2, KURBB, MKAR, BVAR, CMAR, EKA, TXAR, WRA, H03N2, H03N1, H03N3.

BEO 09 23:26:32.0±1.2, 45.67N±26.88E, h60km±5km, ML2.8/9, SOF 09 23:26:33.7±0.2, 45.72N±26.49E±0.01, h80km±1km, MD3.6/3, BUC 09 23:26:33.7±0.2, 45.74N±26.63E, h80km±2km, ml3.5/68, Error ellipse: s-maj=1.4km s-min=1.1km az=43.0, CFUSG 09 23:26:35.2±0.4, 45.74N±26.80E, h100km±10km, Mb2.6/5, MD3.1/3, MSH2.6/5

ISC 09 23:26:32.9±1.2, 45.74N±0.02, 26.61E±0.02, h90km±5km, n100.0/161/161, 57C-64D, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SAHR, SAHR, SAHR, SAHR, PLOH, PLOH, VRI, VRI, VRI, NEHR, NEHR, PANC, PANC, COSR, TURR, TURR, TURR, Muntele Rosu, Muntele Rosu, Muntele Rosu, ONER, ONER, ONER, GHRH, GHRH, GHRH, OZUR, OZUR, BOSR, BOSR, BOSR, TUDR, TUDR, TUDR, TESR, TESR, TESR, PGOR, PGOR, PGOR, VARL, DOPR, DOPR, DOPR, BIRB, BIRB, BIRB, SCHLR, SCHLR, SCHLR, NEGRR, NEGRR, NEGRR, TATR, TATR, TATR, VLDR, VLDR, VLDR, GISR, GISR, GISR, SULR, VOIR, VOIR, VOIR, GIUR, GIUR, GIUR, CFR, CFR, GIRR, GIRR, GIRR, VASR, VASR, VASR, JOSR, JOSR, JOSR, AMRR, AMRR, AMRR, BIZ, BIZ, BIZ, LEHL, LEHL, LEHL.

Table with columns: INCRC, INCRC-Sedui C, Pn, S, 23 26 57.6 +1.1, S, 23 27 15.5 +1.2, etc.

Table with columns: YAL, YAL, comp=N,5.0nm,0.3s, S, smax, S, smax, 23 28 53.0 -0.7, etc.

Table with columns: VNA2, Neumayer-Watz, 19.93 198, P, Pn, 23 47 06.5 -0.3, etc.

9d 23h

Table with columns for station call letters, location, frequency, and other technical details. Includes stations like SAKB Bahrain, WBK Wadi Bani Khal, ALNE Al Ain, etc.

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Table with columns for station call letters, location, frequency, and other technical details. Includes stations like HYB Hyderabad, EGOR Sierra Gorda, ESPR Espera, etc.

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Table with columns for station call letters, location, frequency, and other technical details. Includes stations like RDO Rodhopi, INTR Introdacqua, ALNE Al Ain, etc.

Table with columns for station ID, name, 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, name, 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, name, 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, Az2, Phase ID, Time, Res, ISC. Includes stations like HLID Hailey, TZTN Tazewell, WCI Wyandotte Cave, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H11N2 WAKE ISLAND Hy 87.31 293 T, TORO Torodai Arr, AKASG Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YAZI Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 10 01:42:08.6-0.9, 23:42:55.115:19W, h0km, mb3.9/7, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 10 01:53:29.8-0.8, 35:04N:26:21E, h0km, mb3.9/15, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CSS Mathiatis, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like RONA Rosalia, MYKA Terra Mystica, KBZ Khabaz, etc.

Table with columns: THE, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like THE Thessaloniki, THE HORT Hortiatis, THE HORT HORT, etc.

Table with columns: GOKT, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like GOKT Keane, DRME Dracevica, DRME Dracevica, etc.

THE 10 02:07:22.5, 42°N, 3°24'E, h10km, M3.0/12, MLh3.0/12, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like MMB Musomishtia, NVR Nevrokopi, RZN Rozhen, etc.

PRU 10 02:07:50.7, 40°12'N, 22°32'E, h10km, M4.4
IDC 10 02:07:51.2, 0.6, 40°50'N, 22°36'E, h0km, mb4.0/17, mbtmp 3.9/27, ML3.1/8, MS3.6/13, Error ellipse:
s-maj=9.7km s-min=9.1km az=14.0
MOS 10 02:07:52.2, 1.1, 40°59'N, 22°55'E, h11km, mb4.4/11, Error ellipse: s-maj=6.1km s-min=3.5km az=84.5
ATH 10 02:07:52.3, 40°56'N, 22°57'E, h14km, Mw4.3, Moment Tensor Solution...
THE 10 02:07:52.8, 41°N, 1°2'3"E, h9km, 2km, M4.0/16, ML4.0/16
PDG 10 02:07:52.8, 0.7, 40°56'N, 22°31'E, h5km, 1km, ML4.4/12, Error ellipse: s-maj=0.5km s-min=0.6km az=0.0
NEIC 10 02:07:53.9, 1.7, 40°52'N, 0°06'22"E, h10km, 1km, mb4.5/20, Error ellipse: s-maj=10.5km s-min=7.0km az=169.0
MCSM 10 02:07:53.0, 1.4, 41°N, 3°2'3"E, h7km, 12km, mb4.2, mb4.8, ML4.7, Mw(mb4)4.0
SKO 10 02:07:54.1, 40°55'N, 22°61'E, h0km, ML4.1
GFZ 10 02:07:54.1, 0.2, 41°N, 2°2'3"E, h10km, M4.1/34, mb4.5/34, ML4.1/37, Error ellipse: s-maj=3.9km s-min=3.2km az=10.2, confirmed
AFAD 10 02:07:55.4, 40°66'N, 22°32'E, h10km, 6km, MW4.1
ISC 10 02:07:53.1, 0.9, 40°54'N, 0°02'22"E, h9km, 6km, n505, r154/549, mb4.2/32, MS3.6/9, 41C-360, Greece

Table with columns: THE, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like THE Sofades, THE Neokhori, THE Neokhori, etc.

Table with columns: GOKT, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like GOKT Keane, DRME Dracevica, DRME Dracevica, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like THE Thessaloniki, THE Thessaloniki, THE Thessaloniki, etc.

SULTU	Buldan	5.37 116	P	Pn	02 09 15.4 +1.8
GDZ	Gediz	5.48 103	P	Sn	02 09 16.2 +1.2
GDZ			S	Pn	02 02 14.4 -3.8
MLR	Muntele Rosu	5.52 25	P	Sn	02 09 16.4 +0.8
MLR		comp=2.1,1nm,0.3s,baz=210,slow=8.1,SNR=3.5			
MLR		comp=2.2,1nm,0.3s,baz=232,slow=19,SNR=3.5			
MLR		comp=2.7,4nm,0.3s,baz=223,slow=19,SNR=3.4			
MLR	Muntele Rosu	5.52 25	P	Pn	02 09 16.9 +1.4
MLR	Muntele Rosu	5.52 25	P	Pn	02 09 15.1 +0.5
MLR	Muntele Rosu	5.52 25	P	Pn	02 09 16.1 +0.5
MLR		comp=2.0,6nm,comp=2.1,umcomp=Z,179nm,1.0s			
MLR	Muntele Rosu	5.52 25	AML	AML	02 09 16.7 +1.1
MLR		comp=Z,179nm,1.0s,comp=Z,4.7nm			
MLR			AML	AML	
MULA	Mugla, Merkez-	5.52 125	P	Pn	02 09 16.2 +0.6
IDI	Anoyia	5.54 160	P	Pn	02 09 15.8 0.0
IDI		comp=Z,3.3nm,0.3s,baz=343,slow=14,SNR=1.5			
IDI		baz=137,slow=22			
IDI		comp=Z,6.7nm,0.4s			
IDI	Anoyia	5.54 160	AML	AML	02 09 18.9 +3.0
NEHR	Nehoiu	5.58 28	P	Pn	02 09 17.8 +1.5
TLBR	Topalu	5.66 43	P	Pn	02 09 17.1 -0.3
HARR	Harsova	5.71 42	P	Pn	02 09 18.4 +0.4
HARR	Harsova	5.71 42	P	Pn	02 09 18.4 +0.4
PASA	Karahalli, USA	5.72 142	P	Pn	02 09 19.9 +1.1
DNIZ	Denizli-Tavas-	5.78 118	P	Pn	02 09 19.5 +0.4
TAVA	DENIZLI_Tavas	5.78 120	P	Pn	02 09 20.6 +1.4
TAVA			S	Sn	02 10 22.4 -3.2
TURCN	Turunc	5.79 129	P	Pn	02 09 18.1 -1.0
DOPR	Dopra	5.79 119	P	Pn	02 09 19.6 +0.4
TIRG	Tirgusor	5.80 46	P	Pn	02 09 19.7 +0.1
TIRR	Tirgusor	5.80 46	P	Pn	02 09 19.4 +0.1
TIRR	Tirgusor	5.80 46	P	Pn	02 09 18.8 -0.6
TIRR	Tirgusor	5.80 46	P	Pn	02 09 18.7 -0.6
TIRR		comp=Z,0.5nm,comp=Z,45nm,1.4s			
TIRR	Tirgusor	5.80 46	AML	AML	02 09 19.1 -0.2
TIRR		comp=Z,0.4nm,comp=Z,45nm,1.4s			
TIRR			AML	AML	
BLV	Banja Luka	5.81 318	P	Pn	02 09 19.9 +0.3
BLV	Banja Luka	5.81 318	P	Pn	02 09 19.9 +0.3
BLV	Banja Luka	5.81 318	P	Pn	02 09 19.1 -0.4
BLV	Banja Luka	5.81 318	P	Pn	02 09 22.0 +2.5
BLV		comp=Z,38nm,0.7s,comp=Z,0.2nm			
BLV			AML	AML	
BOCR	Bodos	5.96 21	P	Pn	02 09 22.3 +0.8
AMBH	Ambrzfalva	5.97 347	P	Pn	02 09 21.9 +0.3
AMBH	Ambrzfalva	5.97 347	P	Pn	02 09 21.5 -0.2
AMBH		comp=Z,112nm,0.6s,comp=Z,0.5nm			
SAHR	Sahastra	5.98 28	AML	AML	02 09 22.9 +1.1
OZUR		6.01 22	P	Pn	02 09 22.9 +0.6
TURR	Turia	6.04 23	P	Pn	02 09 23.7 +1.0
PLOR	Plostina	6.07 28	P	Pn	02 09 24.7 +1.5
PLOR	Plostina	6.07 28	P	Pn	02 09 24.6 +1.5
ARG	Arhangelos	6.11 133	P	Pn	02 09 23.7 +0.1
ARG	Arhangelos	6.11 133	P	Pn	02 09 23.7 +0.1
VRI	Vrincioaia	6.11 28	P	Pn	02 09 25.0 +1.4
VRI	Vrincioaia	6.11 28	P	Pn	02 09 25.0 +1.4
VRI	Vrincioaia	6.11 28	P	Pn	02 09 24.4 +0.8
VRI		comp=Z,0.7nm,comp=Z,2umcomp=Z,152nm,1.1s			
VRI	Vrincioaia	6.11 28	AML	AML	02 09 25.0 +1.4
VRI		comp=Z,152nm,1.1s,comp=Z,0.5nm			
PAOL	Paolisi	6.13 277	P	Pn	02 09 24.0 0.0
KARP	Karpathos	6.14 143	P	Pn	02 09 24.8 +0.8
ODBI	Odobesti	6.15 30	P	Pn	02 09 25.5 +1.4
CFR	Carcalui	6.16 39	P	Pn	02 09 25.6 +1.3
CFR	Carcalui	6.16 39	P	Pn	02 09 25.5 +1.3
DRGR		6.25 1	P	Pn	02 09 24.7 -1.0
DRGR		6.25 1	P	Pn	02 09 24.6 -1.0
DRGR		6.25 1	P	Pn	02 09 24.9 -0.7
DRGR		comp=Z,0.2nm,comp=Z,20nm,0.7s			
JURR	Jurilovca	6.25 45	P	Pn	02 09 25.6 0.0
MORH	Mrgy, Hungary	6.37 334	P	Pn	02 09 26.8 -0.4
MORH	Mrgy, Hungary	6.37 334	P	Pn	02 09 26.8 -0.4
MORH	Mrgy, Hungary	6.37 334	P	Pn	02 09 26.7 -0.4
MORH		comp=Z,0.1nm,comp=Z,327nm,comp=Z,220nm,0.7s			
MORH	Mrgy, Hungary	6.37 334	AML	AML	02 09 26.8 -0.4
MORH		comp=Z,30nm,1.0s,comp=Z,0.1nm			
MORH			AML	AML	
ONER	Baraj Valea Uz	6.41 24	P	Pn	02 09 29.0 +1.3
GHRH		6.53 31	P	Pn	02 09 30.1 +0.7
GHRH		6.53 31	P	Pn	02 09 30.0 +0.7
GHRH		6.53 31	P	Pn	02 09 30.4 +1.0
GHRH		comp=Z,87nm,0.6s,comp=Z,0.5nm			
GHRH			AML	AML	
MDUB	Mudurnu	6.54 88	P	Pn	02 09 29.5 0.0
VLDR	Vladesti	6.64 35	P	Pn	02 09 32.4 +1.7
TESR	Tescani	6.65 25	P	Pn	02 09 31.7 +0.3
TESR	Tescani	6.65 25	P	Pn	02 09 31.3 +0.3
TESR		comp=Z,0.3nm,comp=Z,648nm,comp=Z,38nm,0.8s			
TESR	Tescani	6.65 25	AML	AML	02 09 31.8 +0.8
TESR		comp=Z,39nm,0.8s,comp=Z,0.2nm			
TESR			AML	AML	
INTR	Introdacqua	6.73 285	P	Pn	02 09 32.7 +0.5
BIR	Birad	6.79 31	P	Pn	02 09 33.2 +0.4
BIR	Birad	6.79 31	P	Pn	02 09 33.2 +0.4
ELL	Elmal	6.84 121	P	Pn	02 09 36.9 +3.1
ELL	Elmal	6.84 121	P	Pn	02 09 36.9 +3.1
LTWH	Ltavres, Hu	6.87 356	P	Pn	02 09 34.4 +0.5
LTWH		comp=Z,58nm,0.9s,comp=Z,0.5nm			
BIZ	Bicaz	6.88 20	P	Pn	02 09 35.0 +0.8
AKAS	Kas	6.97 126	P	Pn	02 09 38.1 +2.6
BSZH	Besenyszj	6.97 347	P	Pn	02 09 36.1 +0.8
BSZH	Besenyszj	6.97 347	P	Pn	02 09 36.2 +0.8
BSZH		comp=Z,0.3nm,comp=Z,66nm,0.7s			
BSZH			AML	AML	
GIRV	Girov	7.00 22	P	Pn	02 09 37.0 +1.2
VAE	Valguarnera	7.08 247	P	Pn	02 09 37.8 +0.8
VAE		comp=Z,5.1nm,0.8s,baz=48,slow=16,SNR=2.4			
VAE			S	Sn	02 10 56.4 -1.3
AQU	L'Aquila	7.16 288	P	Pn	02 09 37.8 -0.3
AQU	L'Aquila	7.16 288	P	Pn	02 09 37.8 -0.3
AQU	L'Aquila	7.16 288	eP	Pn	02 09 36.8 -1.3
AQU	L'Aquila	7.16 288	P	Pn	02 09 39.9 +1.9
AQU		comp=Z,0.1nm,comp=Z,41nm,0.8s			
AQU	Vaslui	7.16 30	P	Pn	02 09 38.3 +0.3
BMR	Baia Mare	7.16 5	P	Pn	02 09 38.8 +0.6
BMR		comp=Z,0.4nm,comp=Z,31nm,0.7s			
BMR			AML	AML	
RAFF	Raffo Rosso	7.24 245	AML	AML	02 09 38.0 -1.2
BEHE	Becsehely	7.29 326	P	Pn	02 09 40.1 +0.2
BEHE	Becsehely	7.29 326	P	Pn	02 09 39.9 +0.1
BEHE	Becsehely	7.29 326	P	Pn	02 09 41.3 +1.5
BEHE		comp=Z,29nm,0.8s,comp=Z,0.1nm			
BEHE			AML	AML	
BURAR	Bucovina Array	7.32 14	P	Pn	02 09 40.6 +0.4
BURAR	Bucovina Array	7.32 14	P	Pn	02 09 40.6 +0.4
BURAR	Bucovina Array	7.32 14	P	Pn	02 09 39.6 -0.6
BUR08	Bucovina Ar. S	7.34 14	P	Pn	02 09 40.8 +0.2
GUMA	Gualdo di Mace	7.38 293	P	Pn	02 09 40.6 -0.4
BUDA	Budapest	7.41 341	P	Pn	02 09 39.8 -1.6
BUDA		comp=Z,29nm,0.6s			
NRCA	Norcia	7.48 291	P	Pn	02 09 41.7 -0.7
FDMO	Fjordimonte	7.55 292	P	Pn	02 09 42.4 -1.0
MPLH	Magyarpolny	7.58 333	P	Pn	02 09 44.2 +0.5
MPLH		comp=Z,0.4nm,comp=Z,1umcomp=Z,91nm,0.5s			
MPLH			AML	AML	
MPLH	Magyarpolny	7.58 333	P	Pn	02 09 45.1 +1.4
MPLH		comp=Z,0.1nm,comp=Z,30nm,0.5s			
MPLH			AML	AML	
TRPA	Tarpa	7.59 360	P	Pn	02 09 43.4 -0.5
TRPA		comp=Z,0.1nm,comp=Z,21nm,0.6s			
TRPA			AML	AML	
PSZ	Piszkesteto	7.63 346	P	Pn	02 09 43.7 -0.9
PSZ	Piszkesteto	7.63 346	P	Pn	02 09 43.6 -0.9
PSZ	Piszkesteto	7.63 346	P	Pn	02 09 43.3 -1.0
PSZ	Piszkesteto	7.63 346	P	Pn	02 09 43.7 -0.9
PSZ		comp=Z,21nm,0.8s			
CESX	Cesi	7.81 289	P	Pn	02 09 47.9 +1.0

ABAH	Abaujker	7.82 353	P	Pn	02 09 46.7 -0.4
KIS	Kishinev	7.86 33	eP	MLR	02 09 41.0 -6.6
KIS		comp=Z,300nm,9.3s			
SRO	Srobarova	7.90 338	eP	Pn	02 09 50.0 +1.8
SRO	Srobarova	7.90 338	eP	Pn	02 11 21.8
SRO	Srobarova	7.90 338	eP	Pn	02 09 50.0 +1.8
SRO	Srobarova	7.90 338	eP	Pn	02 11 21.8 +4.1
PURM	Purcari	7.97 39	P	Pn	02 09 48.9 -0.3
PURM	Purcari	7.97 39	P	Pn	02 09 49.4 +0.3
PURM		comp=Z,0.4nm,comp=Z,100nm,1.0s			
MURB	Monte Urbino	8.01 293	P	Pn	02 09 50.0 +3.3
KECS	Kecov	8.09 350	eP	Pn	02 09 51.1 +0.4
KECS	Kecov	8.09 350	eP	Pn	02 09 51.1 +0.4
UZHOG	Uzhogrod	8.09 358	P	Pn	02 09 50.3 -0.5
SOKA	Soboth	8.24 321	P	Pn	02 09 54.3 +1.3
SOKA		comp=Z,18nm,0.9s			
SOKA			eSn	Sn	02 11 32.0 +5.8
TRI	Trieste	8.28 312	P	Pn	02 09 53.7 +0.3
TRI	Trieste	8.28 312	P	Pn	02 09 53.7 +0.3
OBKA	Obir	8.36 318	P	Pn	02 09 55.8 +1.2
OBKA		comp=Z,4.5nm,0.4s,SNR=5.2			
OBKA			eSn	Sn	02 11 31.9 +2.8
SOP	Sopron	8.37 331	P	Pn	02 09 57.3 +2.8
SOP		comp=Z,8.0nm,0.7s			
KOLS	Kolonice sedl	8.40 358	eP	Pn	02 09 55.3 +0.3
KOLS	Kolonice sedl	8.40 358	eP	Pn	02 09 55.2 +0.3
KOLS	Kolonice sedl	8.40 358	eP	Pn	02 09 55.9 +0.9
KOLS		comp=Z,33nm,0.6s			
VYHS	Vyhne	8.40 343	eP	Pn	02 09 56.1 +1.1
VYHS	Vyhne	8.40 343	eP	Pn	02 09 56.1 +1.1
VYHS	Vyhne	8.40 343	eP	Pn	02 09 56.4 +1.2
ARSA	Arzberg	8.44 325	P	Pn	02 09 56.5 +0.9
ARSA	Arzberg	8.44 325	P	Pn	02 09 56.5 +0.9
ARSA		comp=Z,11nm,0.7s,SNR=11			
ARSA			eSn	Sn	02 11 31.8 +0.8
ARSA		comp=Z,2.5nm,0.5s			
ARSA	Arzberg	8.44 325	P	Pn	02 09 56.7 +1.1
ARSA		comp=Z,20nm,0.8s			
BR106	Keskin Array S	8.46 92	P	Pn	02 09 56.0 0.0
KMPD	K-Podošl	8.48 18	P	Pn	02 09 55.2 -0.8
RONA	Rosalia, Austr	8.48 330	eP	Pn	02 09 57.2 +1.0
RONA		comp=Z,1.9nm,0.6s			
RONA			eSn	Sn	02 11 33.5 +1.5
BR131	Keskin Array S	8.48 92	P	Pn	02 09 58.1 +1.8
BR131	Keskin Array S	8.48 92	P	Pn	02 09 57.4 +1.1
BRTR	Keskin Array B	8.48 92	P	Pn	02 09 57.0 +0.7
BRTR		comp=Z,0.3nm,0.3s,baz=279,slow=9.6,SNR=15			
BRTR			eSn	Sn	02 11 29.6 -2.5
BRTR		comp=Z,0.2nm,0.3s,baz=277,slow=12,SNR=0.8			
BRTR		baz=285,slow=19			
BRTR		comp=Z,1.6nm,0.5s			
BRTR			AML	AML	
BRTR	Keskin Array B	8.48 92	eP	Pn	02 09 57.4 +1.1
BRTR	Keskin Array B	8.48 92	eP	Pn	02 09 57.9 +1.7
BR104	Keskin Array S	8.48 92	P	Pn	02 09 56.4 +0.1
SABO	M.te Sabotino	8.54 313	P	Pn	02 09 56.7 -0.2
DRE	Drenchia	8.63 314	P	Pn	02 09 58.1 0.0
DRE		comp=Z,39nm,0.9s			
MODS	Modra-Piesok	8.71 336	eP	Pn	02 10 02.3 +3.0
MODS					
MODS	Modra-Piesok	8.71 336	eSn	Sn	02 11 39.3 +1.6
MODS	Modra-Piesok	8.71 336	eP	P	

HIDR comp=N,24nm,2.1s IAML 02 49 44.7

IDC 10 02:52:39.2,0.6,6.62N,72.86W, h171km,8km,mb3.3/4, mbtmp3.9/6, Error ellipse: s-maj=39.0km s-min=8.1km az=131.0

RSNC 10 02:52:40.6,0.0,7.1N,1.73W, h151km,1km,M3.6, mB4.9,mb3.9,ML3.3,MLV4.0,Mw(mB)4.2

FUNV 10 02:52:40.8,6.92N,73.04W, h151km, MW3.7, Presumed earthquake

ISC 10 02:52:39.0,0.8,6.86N,0.003,73.13W,0.04, h158km,6km, n43, c152/77, mb3.7/4, Northern Colombia

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like BARC, RUSC, PAMC, etc.

AZER 10 03:04:07.9,38.37N,46.86E, h10km, ml2.5

TEH 10 03:04:09.7,38.40N,46.86E, h5km, ML2.5, Presumed earthquake

ISC 10 03:04:09.7,1.0,38.38N,0.003,46.85E,0.02, h13km,8km, n27, c095/45, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like IHRH, ITBZ, ISRB, etc.

DJA 10 03:06:01.4,0.4,9.57N,117.17E, h89km,7km, M3.8/13, mb4.0/2, MLV3.8/13, Sumbawa region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like PLA1, KHKI, DBNI, etc.

IDC 10 03:09:34.8,1.1,2.77N,128.01E, h0km, mb4.0/1, mbtmp4.0/11, Error ellipse: s-maj=107.0km s-min=14.2km az=70.0

DJA 10 03:09:38.0,0.8,3.14N,4.12E, h11km,6km, M4.7/13, mB5.4/8, mb4.6/13, MLV4.5/13, Mw(mB)4.9/3

MAN 10 03:09:41.0,2.45N,127.53E, h24km, MSA.3

NEIC 10 03:09:44.3,1.6,2.68N,102.09E,0.1, h68km,6km, mb4.2/14, Error ellipse: s-maj=17.1km s-min=11.5km az=60.0

ISC 10 03:09:42.0,0.6,2.76N,0.06,128.06E,0.10, h50km, n54, c1867/52, mb4.2/16, Halmahera

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like TINTI, MNI, DDMP, etc.

H11S2 WAKE ISLAND Hy 40.94 65 T T 04 01 08.7

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like H11S1, H11N1, H11N2, etc.

AZER 10 03:25:28.9,38.31N,44.66E, h3km, ml2.1

ISK 10 03:25:28.7,38.65N,44.50E, h2km, ML2.4/5

TEH 10 03:25:29.8,38.63N,44.34E, h10km,94km, ML2.5, Presumed earthquake

AFAD 10 03:25:31.3,1.0,38.59N,0.003,44.40E,0.02, h15km,9km, n25, c296/41, Turkey-Iran border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like OZAP, CALDR, CLDR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC. Includes stations like HERR Herculanee, CTYL Yalikoy Yolu, MATE Matera, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC. Includes stations like AK12 Malin Array Si, AK16 Malin Array Si, DAVOX Davos/Dischmat, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC. Includes stations like VARE2 V. Arenal, NUBE Las Nubes, ABE2 San Pablo, etc.

CATAC 10 06:17:55.70.6.11 N2.2x8.7W.5, h2km, 4km, M3.5/26, MLV3.5/26, Error ellipse: s-maj=5.4km s-min=2.7km az=42.4, confirmed. SNET 10 06:17:57.0.2.9.11.55N:87.25W, h34km, ML3.5, Presumed earthquake. UCR 10 06:18:00.1.2.3.11.57N:87.08W, h37km, 399km, MW3.5, Presumed earthquake. ISC 10 06:17:56.1.1.6.11.51N:0.04:87.32W:0.05, h23km±16km, n53, r190/71, 3D, Near coast of Nicaragua

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Denali Highway, Mount Upton, and various local stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Barlow Dome, Kokwok River, and various local stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like IDC 10 06:40:26, TEH 10 06:40:30, and various international stations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, Kurchatov Arra, Makanchi Array, etc.

IDC 10 08:54:01.2.3.1, 53.79N, 90.83E, h0km, mbtmp3.2/3, ML2.8/3, Error ellipse: s-maj=26.8km s-min=23.1km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, Kurchatov Arra, Makanchi Array, etc.

HEL 10 09:00:29.0.2.0.6, 7.45N, 23.34E, h0km, ML1.3, Suspected explosion

IDC 10 09:00:30.0.2.5.6, 7.51N, 23.37E, h0km, mbtmp3.0/1, ML1.9/1, Error ellipse: s-maj=42.6km s-min=15.6km

BER 10 09:00:32.7.0.3, 6.759N, 23.17E, h0km, ML1.0, Suspected explosion

ISC 10 09:00:28.6.0.8, 6.744N, 0.02, 23.34E, 0.03, h0km, n26, c0590/36, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kolari, Lannavaara, Hetta, Ertisaerv, Rovaniemi, Tornio, Salmi, Kautokeino, etc.

ASRS 10 09:01:33.0.0.9, 54.32N, 86.87E, h0km, M2.4(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

IDC 10 09:01:36.0.3.2, 54.26N, 86.78E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=24.9km s-min=17.8km

az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, Kurchatov Arra, Makanchi Array, etc.

NOU 10 09:06:44.5, 33.41S, 176.39W, h0km, mb4.6/17, South of Kermadec Islands

IDC 10 09:06:54.1, 0.5, 33.13S, 178.20W, h0km, mb4.6/10, mbtmp4.5/13, ML4.6/3, MS3.6/10, Error ellipse: s-maj=17.2km s-min=15.4km az=121.0

WEL 10 09:06:54.3, 1.0, 33.3S, 177.7W, 1.7, h33km, M4.8/16, mb5.2/13, ML4.9/16, MLV5.2/16, Mw(mb)4.5/13, Error ellipse: s-maj=23.3km s-min=4.3km az=109.5, confirmed

NEIC 10 09:06:56.1, 2.3, 33.08S, 0.05, 177.9W, 0.1, h10km, 1km, mb4.8/24, Error ellipse: s-maj=17.1km s-min=8.0km az=84.0

ISC 10 09:06:56.4, 0.5, 33.17S, 0.05, 177.68W, 0.08, h26km, n195, c2540/212, mb4.7/17, MS3.7/9, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Green Lake, Raoul Island, Matakaoa Point, Te Kaha, Puketiti, Raukumara Rang, Tauwhareparae, Carnagh Statio, Te Karaka, Whale Island, Matawai, Paritu Road, Waiheke Island, Mahia Peninsula, Kaimai, Republican Roa, Arahi, Waipua Caves, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Tuamarina, Nelson, Takaka Hill, Quartz Range, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Rata Peaks, Arundel, Timaru, Fox Glacier, Lake Benmore, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Afiamaulu, Kounac, New Ca, Kounac, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Tennant Creek, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Fitzroy Crossi, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Ussuriysk Arr, Ussuriysk Arr, etc.

MLV3.7/22, Error ellipse: s-maj=6.3km s-min=4.1km az=23.7, confirmed

CGC 10 11:35:48.0-0.9, 13.01N-89.63W, h23km, 4km, MD4.4, Presumed earthquake

ISC 10 11:35:46.5-1.7, 12.96N, 0.06:89.59W, 0.04, h18km, 3km, n67, 0.663/103, 2C-2ZD, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the event.

AFAD 10 11:56:20.9, 39.35N, 40.78E, h7km, 4km, ML2.6

ISC 10 11:56:21.0, 39.337N, 0.02:40.78E, 0.03, h12km, 7km, n17, 0.566/28, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the Turkey event.

SOME 10 12:01:34.6, 43.55N, 69.75E, h0km, mb3.5, mpv3.0, NNC 10 12:01:35.3, 1.8, 43.54N, 69.76E, h0km, mb3.5, mpv3.0, 3C, Error ellipse: s-maj=15.3km s-min=4.7km az=128.0, Suspected Mining explosion., Central Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the Kazakhstan event.

IDC 10 12:04:47.5, 2.7, 50.245N, 112.69E, h0km, mb3.9/4, mbmp3.9/4, MS3.6/1, Error ellipse: s-maj=125.1km s-min=20.7km az=105.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the IDC event.

ISC 10 12:04:48.4, 2.2, 50.245N, 112.5E, 0.3, h10km, n11, 0.622/27, mb4.0/4, Southeast Asian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the Southeast Asian Ridge event.

WRA Warramunga Arr 17.03 211 P Pn 12 17 07.2 -0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the WRA event.

ASAR Alice Springs 20.43 206 P P 12 17 44.1 +0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the ASAR event.

CM31 Chiang Mai Arr 49.91 299 P Iamb Iamb 12 21 56.6 -0.2

CMAR Chiang Mai Arr 49.91 299 P P 12 21 59.0 +2.1

USRK Ussuriysk Arr 50.41 349 P P 12 21 59.9 -0.2

XAN Xian 51.03 323 P Pmax Pmax 12 22 03.6 -1.4

HLHC Hu-ho-hao-te 54.52 330 eP Pmax 12 22 32.2 +1.6

SHL Shilling 58.78 304 P P 12 23 00.3 -0.8

PETK Petropavlovsk 59.47 10 P P 12 23 04.9 -0.1

SOMM Songino Array 62.21 333 P P 12 23 25.0 +1.2

WMOJ Urumqi 70.08 320 eP Pmax Pmax 12 24 17.1 +3.1

VNDA Vanda 72.77 176 P Iamb Iamb 12 24 30.8 +1.3

MK31 Makanchi Array 74.82 321 P P 12 24 42.9 +0.9

MKAR Makanchi Array 74.82 321 P P 12 24 43.8 +1.8

MAKZ Makanchi 75.02 321 P Iamb Iamb 12 24 45.8

PDGK Podgornoye 75.24 317 P P 12 24 46.0 +1.3

KDJ Kajisay 76.40 315 P Iamb Iamb 12 24 51.8 +0.6

ZAAO Zalesovo Beam 76.65 329 P P 12 24 52.4 +0.3

ZALV Zalesovo Beam 76.65 329 P P 12 24 53.0 +0.8

ZALV Zalesovo Beam 76.65 329 P P 12 24 53.8 +0.5

KURK Kurchatov 76.75 306 P P 12 25 03.0 -0.4

KURK Kurchatov 76.75 306 P P 12 25 06.2

KURB Kurchatov Array 76.86 324 P P 12 25 04.4 +1.0

ARSB Arslanbob 79.12 314 P Iamb Iamb 12 25 07.4 +1.1

J17K VABM Dome 80.87 23 P Iamb Iamb 12 25 18.9 +0.7

KK31 Karatay Array 81.38 315 P Iamb Iamb 12 25 18.7 +0.5

KKAR Karatay Array 81.38 315 P P 12 25 18.3 +0.1

G18K Tagagawik 82.35 21 P Iamb Iamb 12 25 24.4 +1.7

IDC 10 11:42:25.1, 31.0, 0.355S, 102.07E, h0km, mb3.7/3, mbmp3.7/3, Error ellipse: s-maj=565.4km s-min=214.9km az=141.0

DJA 10 11:43:32.0, 3.6, 5.4, 10.16E, h85km, 4km, M3.4/23, MLV3.4/23

ISC 10 11:43:32.3, 1.0, 6.5S, 0.1:105.78E, 0.08, h103km, 7km, n16, 0.950/18, mb3.2/3, Sunda Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the IDC event.

DJA 10 12:13:15.0, 7.5, 5.6, 14.4E, h140km, 5km, M4.6/12, mb4.2/12, mb4.9/2, MLV4.8/5, Mw(mb)4.2/2

NEIC 10 12:13:16.7, 1.4, 5.32S, 0.04:114.35E, 0.08, h124km, 6km, mb4.2/36, Error ellipse: s-maj=11.4km s-min=4.4km az=106.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the NEIC event.

IMAR Indian Mountain 84.14 21 P P 12 25 33.8 +1.9

BVAR Borovoye Array 84.23 324 P P 12 25 34.8 +2.1

GSPA South Pole Qui 84.60 180 P P 12 25 35.9 +1.4

QSPA South Pole Qui 84.60 180 P Iamb Iamb 12 25 36.6 +2.1

QSPA Reindeer 84.97 25 P Iamb Iamb 12 25 37.4 +1.2

RND Reindeer 84.97 25 P Iamb Iamb 12 25 54.3

DHY Denali Highway 85.46 25 P Iamb Iamb 12 25 40.8 +1.9

ILAR Eielson Array 86.27 24 P P 12 25 42.5 -0.1

ILAR Eielson Array 86.27 24 P P 12 25 43.2 +0.6

DBIC Dimbokro 148.53 274 PKPbc PKPab 12 32 50.5 -1.6

DBIC Dimbokro 148.53 274 PKPab PKPab 12 32 50.3 -1.9

NEIC 10 12:15:20.9, 1.3, 58.38N, 0.02:133.45W, 0.04, h5km, 2km, ML2.7/5, ML2.3(AEIC), Error ellipse: s-maj=3.9km s-min=3.1km az=32.0

AEIC 10 12:15:21.2, 0.9, 1.7, 58.33N, 0.02:133.49W, 0.02, h5km, 6km, Error ellipse: s-maj=3.1km s-min=1.4km az=189.0

PGC 10 12:15:24.0, 0.2, 58.34N, 133.44W, h1km, ML2.9/11, 56km east of Juneau, Alaska, USA Southeastern Alaska

ISC 10 12:15:20.6, 1.2, 58.34N, 0.03:133.50W, 0.02, h3km, 12km, n45, 0.177/56, Southeastern Alaska

Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for the AEIC event.

R32K Eaglecrest 0.54 264 P Op ISC 12 15 32.5 -0.2

R32K Eaglecrest 0.54 264 P Sg Sb 12 15 40.2 -0.2

BESE Bessie Mountain 0.75 290 P Sg Sb 12 15 35.9 -0.5

BESE Bessie Mountain 0.75 290 P Sg Sb 12 15 44.5 -0.2

Q32M Nakina River 0.90 45 P Gp Pg 12 15 37.8 -0.3

Q32M Nakina River 0.90 45 P Sg Sb 12 15 36.9 -0.2

S32K Killisnoo 1.04 214 P Gp Pn 12 15 18.9 +0.2

S32K Killisnoo 1.04 214 P IAML 12 16 01.3

comp=N, 1.06nm, 0.6s IAML 12 16 01.3

S32M Atlin 1.26 355 P Pn 12 15 44.9 -0.9

P32M Atlin 1.26 355 P P 12 15 40.1 -0.9

P32M Atlin 1.26 355 P P 12 15 46.4 +1.6

MIAR	Mount Ida	18.98 340	P	Pn	14 17 49.4	-0.4
V53A	Saluda	19.00 8	I	Iamb	14 17 54.0	
W57A	Gilead	19.02 15	I	Iamb	14 17 54.6	
HBAR	Harrisburg	19.16 348	I	Iamb	14 17 55.2	
FW06	Azle	19.25 329	I	Iamb	14 17 55.3	
HALT	Halls	19.29 351	I	Iamb	14 17 59.0	
WVT	Waverly	19.34 355	P	Pmax	14 17 52.7	-0.2
WVT	Waverly	19.34 355	P	Iamb	14 17 52.7	-0.2
WVT	Waverly	19.34 355	P	P	14 17 53.4	+0.5
Z35A	Perchaven, San	19.40 330	I	Iamb	14 18 04.4	
V55A	Taylorville	19.43 11	I	Iamb	14 17 58.8	
GNAR	Gosnell	19.45 350	I	Iamb	14 17 58.3	
W59A	Clinton	19.46 19	I	Iamb	14 17 58.8	
LNXT	Lenox	19.50 351	I	Iamb	14 18 01.4	
PLPT	Palo Pinto	19.51 327	I	Iamb	14 17 58.0	
PEBM	Pemiscott Bayo	19.57 350	I	Iamb	14 18 00.1	
GLAT	Glass	19.63 352	I	Iamb	14 18 01.3	
U49A	Red Boile	19.64 0	I	Iamb	14 18 03.8	
TZTN	Tazewell	19.78 6	I	Iamb	14 18 05.7	
TZTN	Tazewell	19.78 6	P	Pn	14 17 59.2	-0.2
PTLC	Puerto Leguiza	19.80 145	P	Pn	14 18 04.1	+4.3
SAND	Sanderson	19.82 314	I	Iamb	14 18 05.3	
LOOK	Love Co	19.91 331	I	Iamb	14 18 09.7	
U56A	King	20.08 13	P	IAMS_20	14 18 00.7	-0.4
PARMO	Parma	20.09 351	I	Iamb	14 18 11.4	
PBMO	Poplar Bluff	20.31 349	I	Iamb	14 18 08.2	
WTF5	Witchita Falls	20.34 329	I	Iamb	14 18 16.0	
TXAR	Lajitas Array	20.55 311	P	P	14 18 07.3	+1.0
TXAR	Lajitas Array	20.55 311	P	SNR=1724	14 21 41.9	-13
TXAR	Lajitas Array	20.55 311	P	SNR=7.0	14 28 45.9	
TXAR	Lajitas Array	20.55 311	P	SNR=121	14 18 07.5	-1.2
X34A	Smith Ranch	20.72 331	I	Iamb	14 18 23.9	
W35A	Tecumseh	20.75 334	I	Iamb	14 18 25.7	
AMPT	Aspermont	20.88 325	I	Iamb	14 18 23.8	
TB01	Midkiff	20.88 318	I	Iamb	14 18 11.8	
BLA	Blacksburg	20.90 12	IAMS_20	IAMS_20	14 26 12.2	
HPIG	High Point	20.93 302	P	Pn	14 18 12.0	-1.2
TUL3	Leonard	20.98 337	I	Iamb	14 18 28.7	
S44A	Franklin	21.03 353	I	Iamb	14 18 22.6	
FNO	Franklin	21.07 333	I	Iamb	14 18 27.1	
SN07	Snyder	21.14 323	I	Iamb	14 18 25.6	
DEOK	Depew	21.20 336	I	Iamb	14 18 28.9	
OKCSW	OKLAHOMA CITY	21.21 333	I	Iamb	14 18 17.4	
TPB05	Hovey Rd	21.23 315	I	Iamb	14 18 16.8	
WMOK	Wichita Mounta	21.28 330	I	Iamb	14 18 29.1	
WMOK	Wichita Mounta	21.28 330	P	P	14 18 14.9	+0.8
SS4A	Dingess, Beckl	21.31 10	IAMS_20	IAMS_20	14 26 35.1	
WCI	Wyandotte Cave	21.36 359	P	Pmax	14 18 15.5	+0.7
WCI	Wyandotte Cave	21.36 359	P	P	14 18 15.5	+0.7
WCI	Wyandotte Cave	21.36 359	P	P	14 18 15.9	+1.1
R49A	Shelbyville	21.43 2	I	Iamb	14 18 20.8	
OK052	Battle Ridge R	21.45 335	I	Iamb	14 18 31.3	
R50A	Paris	21.45 3	I	Iamb	14 18 18.4	
FVM	French Village	21.48 350	I	Iamb	14 18 21.7	
OK020	Liberty Lake	21.55 334	I	Iamb	14 18 20.5	
SABA	Saba	21.64 84	P	P	14 18 17.8	-0.2
CCM	Cathedral Cave	21.70 348	P	Pmax	14 18 18.1	-0.4
CCM	Cathedral Cave	21.70 348	P	P	14 18 18.1	-0.4
CCM	Cathedral Cave	21.70 348	P	P	14 18 18.5	0.0
SMRT	St. Maarten	21.79 83	I	Iamb	14 18 32.1	
SMRT	St. Maarten	21.79 83	P	P	14 18 19.5	-0.1
MCRA	Macra, Coja	21.83 164	P	P	14 18 22.4	+2.3
OK048	Pawnee Station	21.87 335	I	Iamb	14 18 37.9	
SEUS	St. Eustatus	21.89 85	P	P	14 18 21.8	+1.1
OK051	E0350 and S346	21.91 336	I	Iamb	14 18 37.0	
R55A	Marlinton	22.00 12	IAMS_20	IAMS_20	14 27 21.9	
R40A	Maddies Statio	22.14 347	I	Iamb	14 18 26.3	
T35A	Sooner Cattle	22.14 337	I	Iamb	14 18 40.3	
Q44A	Meyer Farm, Va	22.20 354	I	Iamb	14 18 37.8	
R58B	Mineral	22.23 17	IAMS_20	IAMS_20	14 27 09.1	
VHRN	Van Horn	22.30 312	I	Iamb	14 18 28.6	
Q52A	Bidwell	22.31 7	IAMS_20	IAMS_20	14 27 08.4	
CROK	Carrier	22.38 334	I	Iamb	14 18 42.6	
TPB28	Paris	22.48 315	I	Iamb	14 18 44.5	
Q54A	Coxs Mills	22.54 10	IAMS_20	IAMS_20	14 27 13.6	
OK038	West end E0370	22.68 332	I	Iamb	14 18 47.9	
NOKA	Waynoka	22.90 332	I	Iamb	14 18 48.7	
Q56A	Snyder Ridge	22.92 13	IAMS_20	IAMS_20	14 27 40.6	
P53A	Whipple	22.95 9	P	P	14 18 32.3	+0.6
P43A	Skaggs, Pawnee	22.98 353	I	Iamb	14 18 49.2	
ANWB	Willy Bob	23.02 84	IAMS_20	IAMS_20	14 26 29.8	

ANWB	Willy Bob	23.02 84	P	P	14 18 31.6	-1.2
MNTX	Cornudas Mount	23.10 314	P	P	14 18 33.0	-0.5
GDHS	Morne Mazeau,	23.12 88	I	Iamb	14 18 33.5	-0.4
GDHS	Morne Mazeau,	23.12 88	I	Iamb	14 18 33.5	-0.4
GDHS	Morne Mazeau,	23.12 88	IAMS_20	IAMS_20	14 26 16.4	
GDHS	Morne Mazeau,	23.12 88	P	P	14 18 33.9	+0.1
TDBA	Terre de Bas,	23.28 89	P	P	14 18 34.5	-0.8
P40A	Paris	23.28 348	I	Iamb	14 18 59.1	
CBE	Ff, Capester	23.29 88	P	P	14 18 35.3	-0.2
O49A	Covington	23.35 3	I	Iamb	14 18 55.6	
O49A	Mont Chateau	23.38 12	I	Iamb	14 18 40.4	
MCWV	Farmland	23.39 1	I	Iamb	14 18 43.3	
O48B	Farmland	23.39 1	I	Iamb	14 18 43.3	
PH02	Texas Public H	23.42 325	I	Iamb	14 18 57.7	
ACSO	Alum Creek Sta	23.49 6	I	Iamb	14 19 02.7	
O52A	Adamsville	23.50 8	I	Iamb	14 18 41.3	
O52A	Adamsville	23.50 8	IAMS_20	IAMS_20	14 27 54.0	
SFIN	Lafayette	23.52 358	I	Iamb	14 19 01.8	
SLBS	Sierra La Lagu	23.58 291	P	P	14 18 39.6	+1.2
SLBS	Sierra La Lagu	23.58 291	P	P	14 18 40.4	+2.0
MAGL	Barre de l'ile	23.61 89	IAMS_20	IAMS_20	14 26 52.5	
P38A	Dawn	23.70 345	I	Iamb	14 19 03.3	
O35A	New Phialdelph	23.72 9	I	Iamb	14 19 00.8	
GDSD	La Desirade Is	23.79 88	P	P	14 18 39.5	-0.8
GDSD	La Desirade Is	23.79 88	P	P	14 18 39.2	-1.1
O54A	Avella	23.79 10	I	Iamb	14 18 43.3	
O54A	Avella	23.79 10	IAMS_20	IAMS_20	14 28 02.6	
HDIL	Hopedale	23.86 354	I	Iamb	14 19 04.5	
DFDM	Morne La Roser	23.87 91	P	P	14 18 41.1	-0.1
SDMO	Soldier's Deli	23.87 17	I	Iamb	14 18 44.5	
GRGR	Grenville	23.90 98	IAMS_20	IAMS_20	14 27 13.4	
GRGR	Grenville	23.90 98	P	P	14 18 42.6	+1.2
BIM	Bigot	23.99 92	P	P	14 18 41.9	-0.3
LPIG	La Paz	24.00 292	LR	LR	14 28 50.8	
N47A	Urbana	24.00 0	I	Iamb	14 18 44.4	
N49A	Columbus Grove	24.09 3	I	Iamb	14 19 06.8	
KSU1	Kansas State U	24.12 339	I	Iamb	14 19 08.6	
N41A	Harden Midland	24.21 351	I	Iamb	14 19 06.0	
N51A	Ashland	24.23 6	IAMS_20	IAMS_20	14 28 08.2	
R32A	Long Quarter	24.31 335	I	Iamb	14 19 09.5	
N53A	Lisbon	24.32 9	I	Iamb	14 19 03.0	
N53A	Lisbon	24.32 9	IAMS_20	IAMS_20	14 28 19.7	
MVL	Millersville	24.56 18	I	Iamb	14 18 51.5	
PAMR	Moiraie State	24.57 11	I	Iamb	14 19 17.8	
RTBA	Rita Blanca	24.62 326	I	Iamb	14 18 49.6	
M50A	Fremont	24.64 5	I	Iamb	14 19 11.9	
M50A	Fremont	24.64 5	IAMS_20	IAMS_20	14 28 21.2	
BBSR	BB Station	24.66 47	P	P	14 18 47.8	-0.3
BBSR	BB Station	24.66 47	I	Iamb	14 18 51.7	
BBSR	BB Station	24.66 47	IAMS_20	IAMS_20	14 27 15.9	
BBSR	BB Station	24.66 47	P	P	14 18 48.6	+0.5
ATAH	Atahualpa	24.90 162	LR	LR	14 27 51.7	
M52A	Chesterland	24.97 8	I	Iamb	14 18 53.1	
M52A	Chesterland	24.97 8	IAMS_20	IAMS_20	14 28 39.7	
CBKS	Ced Bluff	25.07 334	I	Iamb	14 19 23.9	
Y22A	Socorro	25.50 316	I	Iamb	14 19 11.1	
M57A	Sunshine Farm,	25.59 15	IAMS_20	IAMS_20	14 29 04.4	
L40A	Anamosa	25.60 351	I	Iamb	14 19 25.1	
ERPA	Erie	25.74 10	I	Iamb	14 19 02.4	
ERPA	Erie	25.74 10	IAMS_20	IAMS_20	14 29 14.2	
ALQ	Albuquerque	25.78 318	I	Iamb	14 19 01.1	
ALQ	Albuquerque	25.78 318	I	Iamb	14 19 01.0	
ANMO	Albuquerque	25.79 318	P	Pmax	14 18 59.4	+0.8
ANMO	Albuquerque	25.79 318	P	P	14 18 59.2	+0.6
ANMO	Albuquerque	25.79 318	P	P	14 18 58.6	0.0
TASM	ASL Pad, Albuq	25.79 318	I	Iamb	14 19 01.1	
TASM	ASL Pad, Albuq	25.79 318	I	Iamb	14 19 01.1	
SCIA	ASL Pad, Albuq	25.81 347	I	Iamb	14 19 18.2	
HSGI	Albuquerque	26.04 302	I	Iamb	14 19 03.0	
K50A	Albuquerque	26.04 5	I	Iamb	14 19 32.0	
K50A	Albuquerque	26.04 5	IAMS_20	IAMS_20	14 29 14.5	
T25A	Trinidad	26.05 325	I	Iamb	14 19 35.5	
L56A	Greenwood	26.25 14	IAMS_20	IAMS_20	14 29 26.8	
N62A	Caumsett State	26.33 22	IAMS_20	IAMS_20	14 30 44.2	
SRIG	Santa Rosalia	26.53 298	P	P	14 19 05.9	+0.7
KSCO	Key Shed Rock	26.54 330	I	Iamb	14 19 32.5	
WSPY	Waypoint CT	26.59 21	IAMS_20	IAMS_20	14 31 00.2	
BINY	Binghamton	26.70 17	IAMS_20	IAMS_20	14 31 19.9	
BINY	Binghamton	26.70 17	P	P	14 19 08.3	+1.8
L59A	Walton	26.96 18	I	Iamb	14 19 15.2	
MEDO	Medina	27.03 12	I	Iamb	14 19 15.2	

KSCST	Kent School, K	27.04 21	I	Iamb	14 19 15.6	
I42A	Drager Farm,	27.13 355	I	Iamb	14 19 43.6	
I49A	Point Hope	27.18 5	I	Iamb	14 19 45.8	
I49A	Point Hope	27.18 5	IAMS_20	IAMS_20	14 29 58.6	
I40A	Norwalk	27.31 353	I	Iamb	14 19 50.2	
TUC	Tucson	27.32 309	P	Pmax	14 19 13.3	+0.9
TUC	Tucson	27.32 309	P	P	14 19 13.3	+0.9
TUC	Tucson	27.32 309	P	P	14 19 13.9	+1.5
CZSB	Cruzeiro do Su	27.63 151	I	Iamb	14 19 39.9	
CZSB	Cruzeiro do Su	27.63 151	eP	P	14 19 16.9	+1.7
H43A	Windswept, Lux	27.64 357	I	Iamb	14 19 40.1	
OGNE	Ogallala	27.82 333	I	Iamb	14 19 32.7	
J57A	Williamstown	27.83 16	IAMS_20	IAMS_20	14 32 03.7	
S22A	4UR Ranch, Cre	27.85 323	I	Iamb	14 19 57.8	
X18A	Snowflake	27.86 314	I	Iamb	14 19 20.6	
I37A	Lemond, Waseca	27.87 348	I	Iamb	14 19 58.3	
M65A	Busby, Falmout	27.95 25	IAMS_20	IAMS_20	14 31 00.5	
L61B	Northampton	27.95 21	IAMS_20	IAMS_20	14 30 19.0	
PECO	Prince Edward	28.08 14	I	Iamb	14 19 25.7	
L64A	Middleborough	28.19 24	I	Iamb	14 19 22.9	
L64A	Middleborough	28.19 24	IAMS_20	IAMS_20	14 31 15.3	
J59A	Piesco	28.26 18	I	Iamb	14 20 01.4	
ECS5D	EROS Data Cent	28.36 343	I</			

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like HMU Henry Mountain, U15A North Rim, GLA Glamis, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like TIN Tinemaha, DGMT Dagmar, VES Vestal, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like COR Corvallis, IO2E Swisshome, G03D McClintville, etc.

10d 14h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like SFJD, Kangerlussuaq, and various other locations.

2020 AUG

Table with columns for station ID, name, frequency, and signal strength. Includes stations like RAGM, BMRM, L26K, and various other locations.

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Table with columns for station ID, name, frequency, and signal strength. Includes stations like KTH, PMPST, H23K, and various other locations.

KIP	comp=Z,180nm,1.3s	67.79	287	P	P	14 24 26.9	+1.4
HON	comp=Z,213nm,1.7s	67.79	287	P	Pmax	14 24 25.4	-0.2
HON	comp=Z,674nm,1.1s	67.79	287	P	P	14 24 25.4	-0.2
HON	comp=Z,213nm,1.7s	67.79	287	P	P	14 24 26.9	+1.3
VAL	comp=Z,213nm,1.7s	68.12	40	P	P	14 24 25.3	-1.7
VAL	comp=Z,213nm,1.7s	68.12	40	P	P	14 24 26.7	-0.3
VAL	comp=Z,213nm,1.7s	68.12	40	P	P	14 24 26.5	-0.5
H17K	comp=Z,11um,comp=Z,67nm,1.5s	68.16	334	Iamb	Iamb	14 24 29	
H17K	comp=Z,128nm,1.6s			IAMs_20	IAMs_20	14 59 42.6	
J16K	comp=Z,997nm,18.0s	68.27	332	Iamb	Iamb	14 24 30.4	
J16K	comp=Z,72nm,1.1s			IAMs_20	IAMs_20	14 58 29.6	
N14K	Kuskokwak Cree	68.51	328	Iamb	IAMs_20	14 57 47.1	
DAG	Danmarks Havn	68.60	13	Iamb	Iamb	14 24 27.7	-2.0
DAG				Iamb	Iamb	14 24 29.0	
K15K	Wolf Creek Mou	68.60	331	Iamb	Iamb	14 24 32.4	
K15K	comp=Z,60nm,1.1s			IAMs_20	IAMs_20	14 57 47.5	
C19K	Lookout Ridge	68.63	338	Iamb	Iamb	14 25 11.0	
IGLA	Glengowia, Co L	68.66	39	P	P	14 24 29.4	-1.0
VAH	comp=Z,67nm,1.1s	68.74	246	eP	P	14 24 32.2	+0.7
VAH				eLR	LR	14 45 13.0	
E18K	Tukpahleark IC	68.76	336	IAMs_20	IAMs_20	14 58 09.3	
F17K	Baldwin Pennin	68.89	335	IAMs_20	IAMs_20	14 59 48.8	
L14K	Kuka Creek	69.08	330	IAMs_20	IAMs_20	14 58 42.3	
C18K	Utukok River	69.14	338	Iamb	Iamb	14 25 03.4	
PMFAFR	Mafra	69.33	54	eP	P	14 24 35.3	+0.4
LIS	Lisbon	69.45	54	eP	P	14 24 36.2	+0.6
LIS				IAMs_20	IAMs_20	14 48 24.3	
J14K	Nanvaranak Lak	69.57	331	Iamb	Iamb	14 24 51.4	
PSBE	So Bento	69.66	54	eP	Iamb	14 24 36.5	-0.4
PSBE				Iamb	Iamb	14 24 40.2	
PTO	Porto	69.66	52	eP	Iamb	14 24 37.6	+0.7
PTO				Iamb	Iamb	14 24 39.5	
RDOG	Red Dog Mine	69.70	337	Iamb	Iamb	14 25 06.5	
RDOG				IAMs_20	IAMs_20	15 00 02.2	
IDGL	Inch Island, C	69.76	37	P	P	14 24 35.8	-1.4
IDGL	Inch Island, C	69.76	37	P	P	14 24 36.2	-1.0
PCAS	Casmilo, Conde	69.83	53j	eP	Iamb	14 24 38.9	+0.9
PCAS				Iamb	Iamb	14 24 40.4	
PGAV	Gaveira, Arco	69.84	51j	eP	P	14 24 38.4	+0.3
PGAV				Iamb	Iamb	14 24 41.7	
PGAV				eLR	LR	14 46 26.1	
PGAV				IAMs_20	IAMs_20	14 49 36.2	
PFVI	Vila Bisbo	69.87	56	P	P	14 24 39.2	+1.0
PFVI	Vila Bisbo	69.87	56j	eP	Iamb	14 24 39.1	+0.9
PFVI				Iamb	Iamb	14 24 41.7	
PFVI	Vila Bisbo	69.87	56	P	P	14 24 39.6	+1.4
PTEO	Sao Teotonio	69.91	56j	eP	P	14 24 39.4	+1.0
PTEO				Iamb	Iamb	14 24 42.0	
PCAB	Cabril	70.04	51j	eP	P	14 24 39.7	+0.4
PCAB				Iamb	Iamb	14 24 41.0	
JMI	Jan Mayen	70.05	20	eP	P	14 24 39.0	+0.3
K13K	Kusivak Mount	70.05	330	IAMs_20	IAMs_20	14 58 42.8	
PLOUS	Minas do Louso	70.09	55j	eP	P	14 24 39.4	-0.1
PLOUS				Iamb	Iamb	14 24 41.9	
MOE	Montemor	70.10	55j	eP	P	14 24 40.4	+0.8
MOE				Iamb	Iamb	14 24 42.0	
JMIC	Jan Mayen	70.13	20	LR	LR	14 55 04.7	
JMIC	Jan Mayen	70.13	20	eP	P	14 24 40.0	+0.8
PSARD	Sardoal	70.14	53j	eP	Iamb	14 24 40.4	+0.5
PSARD				Iamb	Iamb	14 24 41.3	
PMTG	Montargil	70.14	54j	eP	P	14 24 40.3	+0.5
PMTG				Iamb	Iamb	14 24 42.6	
JNW	Jan Mayen West	70.16	20	eP	P	14 24 39.6	+0.3
JNE	Jan Mayen East	70.19	20	eP	P	14 24 40.0	+0.4
JNE				Iamb	Iamb	14 24 40.9	
F15K	North Star Dr	70.21	334	Iamb	Iamb	14 25 11.6	
F15K				IAMs_20	IAMs_20	15 01 07.7	
PVIS	Viseu	70.23	52j	eP	P	14 24 41.0	+0.5
POLO	Lamas de Olo	70.25	51j	eP	Iamb	14 24 40.7	+0.1
POLO				Iamb	Iamb	14 24 43.3	
IWEX	Carrickbyrne,	70.25	40	P	P	14 24 39.6	-0.7
IWEX	Carrickbyrne,	70.25	40	P	P	14 24 39.6	-0.7
MESJ	Messejana	70.27	55	eP	S	14 24 41.4	+0.7
MESJ				eS	S	14 33 53.8	+2.8
MESJ				IAMs_20	IAMs_20	14 48 58.0	
MESJ	Messejana	70.27	55	eP	S	14 24 41.4	+0.7
MESJ				eS	S	14 33 53.8	+2.8
MESJ				Iamb	Iamb	14 24 43.0	
MESJ	Messejana	70.27	55j	eP	P	14 24 41.6	+0.9
MESJ				Iamb	Iamb	14 24 43.0	
PARRA	Arraiolos	70.31	54j	eP	P	14 24 44.0	+0.6
PARRA				Iamb	Iamb	14 24 44.0	
PVRL	Vila Real	70.31	52	eP	Iamb	14 24 42.1	+1.1
PVRL				Iamb	Iamb	14 24 42.8	
EVO	Evora	70.36	55	P	P	14 24 41.4	+0.1
EVO	Evora	70.36	55j	eP	Iamb	14 24 41.6	+0.4
EVO				Iamb	Iamb	14 24 43.4	
EVO	Evora	70.36	55	P	P	14 24 42.2	+1.0
PCVE	Castro Verde	70.44	55	P	P	14 24 42.6	+0.9
PCVE	Castro Verde	70.44	55j	eP	Iamb	14 24 42.6	+0.9
PCVE				Iamb	Iamb	14 24 57.4	
ILTH	Belurgan, Co L	70.46	38	P	P	14 24 40.2	-1.3
ILTH	Belurgan, Co L	70.46	38	P	P	14 24 40.6	-0.8
DSB	Dublin	70.46	39	IAMs_20	IAMs_20	14 24 40.6	-0.9
DSB	Dublin	70.46	39	IAMs_20	IAMs_20	14 55 45.0	
NOR	Nord	70.48	8	Iamb	Iamb	14 24 40.0	-1.3
NOR				Iamb	Iamb	14 24 41.2	
NOR	Nord	70.48	8	P	P	14 24 40.8	-0.4
MTE	Manteigas	70.53	52	Iamb	Iamb	14 24 44.1	
MTE				Iamb	Iamb	14 24 44.2	
MTE	Manteigas	70.53	52j	eP	P	14 24 42.8	+0.5
MTE				Iamb	Iamb	14 24 44.2	
MTE				eS	S	14 33 54.9	+0.8
MTE				eLQ	LQ	14 42 48.4	
MTE				eLR	LR	14 46 55.1	
MTE				IAMs_20	IAMs_20	14 52 43.9	

MTE	Manteigas	70.53	52	P	P	14 24 43.0	+0.7
PBEJ	Beja	70.53	55j	eP	Iamb	14 24 43.1	+0.8
PBEJ				Iamb	Iamb	14 24 45.4	
CLGH	Cloghs, Cusen	70.56	37	P	P	14 24 41.2	-0.9
PBDV	Barranco-do-Ve	70.57	56	P	P	14 24 43.6	+1.1
PBDV	Barranco-do-Ve	70.57	56j	eP	Iamb	14 24 43.7	+1.2
PBDV				Iamb	Iamb	14 24 46.2	
C16K	Lisburne Hills	70.63	337	Iamb	Iamb	14 25 12.6	
C16K				IAMs_20	IAMs_20	14 59 22.6	
PCBR	Castelo Branco	70.64	53	eP	P	14 24 44.0	+1.1
PESTR	Estremoz	70.65	54	P	P	14 24 43.3	+0.3
PESTR	Estremoz	70.65	54j	eP	Iamb	14 24 43.7	+0.3
PESTR				Iamb	Iamb	14 24 45.2	
PESTR	Estremoz	70.65	54	P	P	14 24 44.1	+1.1
PVAQ	Vaqueiros	70.72	56	Iamb	Iamb	14 24 45.4	
PVAQ	Vaqueiros	70.72	56j	eP	P	14 24 44.6	+1.2
PVAQ				Iamb	Iamb	14 24 46.0	
PVAQ				eS	S	14 34 01.5	+5.3
PVAQ				eLQ	LQ	14 42 13.1	
PVAQ				eLR	LR	14 45 36.5	
PVAQ				IAMs_20	IAMs_20	14 51 28.6	
PVAQ	Vaqueiros	70.72	56	P	P	14 24 44.8	+1.4
PMRV	Marv???	70.75	54j	eP	Iamb	14 24 44.0	+0.4
PMRV				Iamb	Iamb	14 24 45.5	
PMRV				eS	S	14 34 00.4	+3.9
PMRV				eLQ	LQ	14 42 44.5	
PMRV				eLR	LR	14 46 49.9	
PMRV				IAMs_20	IAMs_20	14 49 57.0	
M11K	Mekoryuk	70.78	329	IAMs_20	IAMs_20	14 58 58.1	
MVO	Moncorvo	70.84	52j	eP	P	14 24 44.8	+0.6
MVO				Iamb	Iamb	14 24 45.6	
MVO				eLR	LR	14 47 40.6	
MVO				IAMs_20	IAMs_20	14 49 43.8	
EGRO	Ei Granado	70.89	56	P	P	14 24 45.0	+0.6
ECAL	Calabor	70.98	51	P	P	14 24 45.2	+0.1
ECAL	Calabor	70.98	51	P	P	14 24 45.9	+0.8
PBRG	Braganca	70.99	51j	eP	P	14 24 44.8	-0.3
PBRG				Iamb	Iamb	14 25 06.0	
UNV	Unalaska Valle	71.11	322	Iamb	Iamb	14 24 45.7	+0.3
UNV	Unalaska Valle	71.11	322	Iamb	Iamb	14 24 46.8	
EBAD	Badajoz	71.11	54	P	P	14 24 45.9	+0.1
PBAR	Barrancos	71.16	55	P	P	14 24 46.6	+0.5
PBAR	Barrancos	71.16	55	P	P	14 24 46.1	-0.1
TIAR	Tiaret	71.21	244	eP	P	14 24 47.5	+0.8
PPT	Papeete	71.42	244	LR	LR	14 49 44.0	
PPT2	Papeete2	71.42	244	eP	P	14 24 47.9	-0.1
PPT2				eS	S	14 34 03.1	-1.9
PPT2				eSS	SS	14 38 41.8	+1.5
PPT2				eLQ	LQ	14 43 38.4	
PPT2				eLR	LR	14 46 28.8	
PPT2				eLR	LR	14 46 36.6	
PAE	Paea	71.46	244	eP	P	14 24 48.2	+0.1
PAE				eLR	LR	14 46 27.1	
AVE	Averroes	71.50	60	P	P	14 24 48.7	+0.5
AVE	Averroes	71.50	60	P	P	14 24 48.2	-0.1
AVE	Averroes	71.50	60	P	P	14 24 49.6	+1.4
EMIN	Mina Concepcio	71.50	55	P	P	14 24 48.7	+0.6
TNA	Tin City	71.56	334	IAMs_20	IAMs_20	15 01 36.5	
XMAS	Kiritimati	71.77	267	IAMs_20	IAMs_20	14 58 23.6	
TIO	Tiouine	71.98	62	P	P	14 24 52.3	+0.9
TIO	Tiouine	71.98	62	P	P	14 24 52.9	+1.6
SFS	San Fernando	72.04	56	P	P	14 24 53.1	+1.7
SFS	Eskdalemuir	72.21	37	P	P	14 24 51.0	-1.1
ESK	Eskdalemuir	72.21	37	P	P	14 24 50.7	-1.4
ESK				Iamb	Iamb	14 24 51.9	
ESK				P	P	14 24 50.9	-1.1
ESK				P	P	14 24 51.0	-1.1
EKA	Eskdalemuir	72.24	37	P	P	14 24 50.9	-1.4
EKA				LR	LR	14 53 25.4	
ESPR	Espera	72.26	56	P	P	14 24 53.7	+1.0
ECAB	Ei Cabril	72.44	55	P	P	14 24 54.7	+0.8
DRUM	Mains of Drumt	72.51	35	P	P	14 24 53.1	-0.7
ROSF	Rostrenen	72.77	44	P	P	14 24 55.9	+0.3
ECEU	Ceuta	72.78	57	P	P	14 24 56.5	+0.7
USHA	Ushuaia	72.87	170	LR	LR	14 52 32.6	
EDJA	Adamuz	73.09	55	P	P	14 24 58.2	+0.6
EMAJ	Malaga-Limoner	73.17	56	P	P	14 24 58.4	+0.2

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H1N22 WAKE ISLAND, H1N33 WAKE ISLAND, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SHAA Shahritus, EKA Eskalemtur Arr, KBL Kabul, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MRKS 107nm,0.5s, SGDS Sogindy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chernabura Isl, Sand Point, Pavlof Volcano, Veniaminof 7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Teslin, Yukon, Mount Dempster, Pine Creek, Moresby Island, Satah River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like South Pole, Bombay Beach, Wister, Obsidian Butte, etc.

h2km, 1km, Error ellipse: s-maj=2.9km s-min=2.1km az=156.0

IDC 10 15:56:15.1±1.3, 33.40N-115.63W, h0km, mb4.0/5, mbtmp3.9/9, ML3.9/4, MS3.9/29, Error ellipse: s-maj=25.0km s-min=10.2km az=13.0

ISC 10 15:56:15.1±0.7, 33.25N-115.70W±0.02, h10km±4km, n145, e0997/144, mb4.3/17, MS4.1/28, Southern California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in California with their coordinates and recorded data.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in Southern California with their coordinates and recorded data.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in Southern California with their coordinates and recorded data.

10d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mountain Pass, Pasadena Art C, PASC, etc.

PAS 10 16:13:56.1, 33.232N, 0.008E, 115.694W, 0.009, h36km, 4.0m, Error ellipse: s-maj=1.2km s-min=1.0km z=156.0

NEIC 10 16:13:55.9, 1.4, 33.250N, 0.008E, 115.711W, 0.005, h5km, 1km, ML3.2/6.6, Mw3.7(4)(PA), Error ellipse: s-maj=2.9km s-min=1.4km az=214.0, Southern California

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

2002 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tecate, El Monte City P, Iron Mountain, etc.

TAP 10 16:15:23.4, 24.60N, 122.41E, h70km, ML3.1, C JMA 10 16:15:23.2, 0.2, 25.1N, 122.4E, 0.4, h70km, 2km, MV2.2/2, NW OFF ISHIGAKIJIMA IS

ISC 10 16:15:23.5, 1.3, 24.55N, 0.003, 122.45E, 0.02, h68km, 7km, n111, 0.096/179, 1C-40, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E0S2, E0S3, E0S4, etc.

614

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

IDC 10 16:22:51.3, 6.0, 16.86N, 146.84E, h0km, mb3.5/5, mbtmp3.5/5, Error ellipse: s-maj=22.6km s-min=27.9km az=84.0, Mariana Islands

JMA 10 16:23:24.1, 2.7, 36.10N, 142.78E, h0km, mb3.3/3, mbtmp3.3/5, ML2.7/2, Error ellipse: s-maj=59.0km s-min=30.5km az=61.0

ISC 10 16:23:26.1, 3.7, 36.13N, 0.05, 142.62E, 0.10, 113km, 25km, n23, -15/16/26, mb3.4/3, Off east coast of Honshu

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

617

Table with columns: BAR, comp=N, IAML, 17 39 48.0, 17 39 48.3, 17 39 34.7 -1.1, 17 39 50.5, 17 39 35.2 -0.9, 17 39 36.3 -1.3, 17 39 52.9, 17 39 55.8, 17 39 37.3 -1.4, 17 39 37.4 -1.8, 17 39 55.0, 17 39 55.2, 17 39 56.4 +0.1, 17 39 39.5 -1.3, 17 39 42.0 -0.7, 17 39 49.8, 17 40 17.5, 17 39 41.2 -2.0, 17 40 04.0, 17 39 46.3 +0.1, 17 39 48.1 -0.9, 17 39 52.2 -0.8, 17 40 42.0, 17 40 43.7, 17 39 53.1 -0.7, 17 40 43.4, 17 40 39.2, 17 39 58.0 +0.7, 17 39 58.8 -0.4, 17 39 55.3 -0.9, 17 39 54.0 -3.5, 17 40 04.3 +0.5, 17 40 06.5 -0.4, 17 40 05.8 +0.9, 17 40 07.3 +1.3, 17 40 09.6 +1.6, 17 41 14.9, 17 41 39.0, 17 42 06.2, 17 41 59.7, 17 42 00.6, 17 41 38.6

IDC 10 18:04:40.8:3.1, 33.05Sx178.47W, h0km, mb3.8/2, mbmtp3.8/3, ML3.9/1, Error ellipse: s-maj=69.9km s-min=36.0km az=116.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, URZ Urewera, 6.32 213, Pn, 18 06 15.3 +0.2, URZ, 3.8nm, 0.3s, baz=131, slow=22, SNR=13, 5.4nm, 0.3s, Sn, 18 07 26.8 -1.2, URZ Alice Springs, 42.64 270, P, 18 12 39.5 +0.3, WRA Waramunga Arr, 43.87 275, P, 18 12 48.7 -0.4, FINES FINES Array B, 147.47 338, PKPbc, 18 24 25.0 -0.9

KRNET 10 18:09:24.1±0.1, 39.73N:70.26E, h9km, mb2.8 ISU 10 18:09:24, 39.76N:70.21E, h12km ISC 10 18:09:24.1±1.1, 39.73N:0.03:70.24E:0.03, h14km±10km, n18, r1565/30, 12C-7D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BTk Batken, 0.55 531, Op, 18 09 34.7 -0.4, GAR Garm, 0.73 175, Op, 18 09 38.2 -0.1, KAR Karamyk, 1.23 101, Op, 18 09 48.5 +0.6, DRK Druksay, 1.73 34, S, 18 09 47.4 +0.3, FRG Fergana, 1.35 61, S, 18 10 12.6 +0.9, CHGR Chuyangaron, 1.36 219, Op, 18 09 50.1 -0.2, NMB Nazarbek, 1.72 330, S, 18 10 21.0 +1.4, KAS Kasansay, 1.73 34, S, 18 10 22.0 +2.1, ZMK Chimgan, 1.83 355, P, 18 09 56.9 -0.6, TVKS Tavakasy, 1.90 347, S, 18 10 20.9 +0.6, CHRV Charvak, 1.93 353, P, 18 09 56.9 +0.4, OHH Osh, 2.11 67, Op, 18 10 02.9 +0.2, PSK Pskem, 2.20 3, S, 18 10 30.4 -1.5, ARK Arkit, 2.45 32, Op, 18 10 07.3 -0.7, ARK Sufi-Kurgan, 2.53 82, Op, 18 10 38.9 +0.9, SFK Sufi-Kurgan, 2.53 82, Op, 18 10 08.4 -1.0, AGL Agalyk, 2.60 26, S, 18 10 40.7 +0.3, ARSB Arslanbob, 2.63 52, Op, 18 10 09.7 -1.4, ARSB Salom-Alik, 2.97 66, Op, 18 10 14.5 -2.4, SALK Salom-Alik, 3.38 3, Op, 18 10 11.1 -1.9, KK31 Karatay Aray, 3.38 3, Op, 18 10 12.2 -2.6

AFAD 10 18:15:37.7, 39.26N:39.85E, h7km, 3km, ML2.3 ISK 10 18:15:37.4, 39.26N:39.85E, h7km, ML2.6/11 ISC 10 18:15:37.8:1.1, 39.26N:0.03:39.89E:0.03, h8km±10km, n19, r058/30, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, TNCL Tunceli-Merkez, 0.31 242, Op, 18 15 43.5 +0.4, ERZN Erzincan, 0.35 338, P, 18 15 44.4 -0.3, EUZM Uzumlu, 0.47 341, P, 18 15 46.1 -0.8, YEDI Yedisu-Bingol, 0.53 70, P, 18 15 48.7 -0.8, KOVA Kovanc, 0.56 187, P, 18 15 48.7 +0.1, BNGB Bingli, 0.67 114, P, 18 15 50.6 0.0, ELZ Elazig, 0.78 223, P, 18 15 52.8 -0.1

2020 AUG

Table with columns: ELZ, comp=N, IAML, 17 39 48.0, 17 39 48.3, 17 39 34.7 -1.1, 17 39 50.5, 17 39 35.2 -0.9, 17 39 36.3 -1.3, 17 39 52.9, 17 39 55.8, 17 39 37.3 -1.4, 17 39 37.4 -1.8, 17 39 55.0, 17 39 55.2, 17 39 56.4 +0.1, 17 39 39.5 -1.3, 17 39 42.0 -0.7, 17 39 49.8, 17 40 17.5, 17 39 41.2 -2.0, 17 40 04.0, 17 39 46.3 +0.1, 17 39 48.1 -0.9, 17 39 52.2 -0.8, 17 40 42.0, 17 40 43.7, 17 39 53.1 -0.7, 17 40 43.4, 17 40 39.2, 17 39 58.0 +0.7, 17 39 58.8 -0.4, 17 39 55.3 -0.9, 17 39 54.0 -3.5, 17 40 04.3 +0.5, 17 40 06.5 -0.4, 17 40 05.8 +0.9, 17 40 07.3 +1.3, 17 40 09.6 +1.6, 17 41 14.9, 17 41 39.0, 17 42 06.2, 17 41 59.7, 17 42 00.6, 17 41 38.6

PAS 10 18:29:59.9:1.3, 33.228N:0.006:115.70W:0.02, h3km, 4km, Error ellipse: s-maj=1.9km s-min=0.9km az=88.0

NEIC 10 18:29:57.1:2.3, 33.223N:0.010:115.72W:0.02, h5km±1km, ML3.2/58, ML3.1/16(PAS), Error ellipse: s-maj=2.9km s-min=2.2km az=163.0, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, OBB Obsidian Butte, 0.09 130, Op, 18 30 01.7 +0.1, WIS Wister, 0.12 63, P, 18 30 02.7 +0.6, S271 Bombay Beach, 0.13 354, P, 18 30 03.1 +0.7, ERRC Elmore Ranch, 0.14 250, P, 18 30 03.8 +1.3, BOMB Bombay Beach, 0.14 356, P, 18 30 03.2 +0.7, CL2 Calipatria 2, 0.15 131, P, 18 30 03.5 +0.7, FRK Frink, 0.19 20, P, 18 30 06.4 +3.0, WEMD Westmorland, C, 0.22 148, P, 18 30 05.0 +1.1, SALN Salton City, 0.23 284, P, 18 30 05.3 +1.1, SUP Superstition M, 0.28 199, P, 18 30 05.9 +0.7, SWSC Sam W. Stewart, 0.29 194, S, 18 30 11.7 -0.6, IMPER Imperial, 0.35 158, P, 18 30 07.2 +0.8, COK2 Cook Ranch 2, 0.37 182, P, 18 30 07.9 -0.9, BRGC Borrego Mounta, 0.39 262, P, 18 30 08.0 +0.8, CRGR Carrizo Plain, 0.40 212, P, 18 30 08.1 +0.7, SNR Schaffner Ranc, 0.43 147, P, 18 30 08.6 +0.7, SLH Sleepy Hollow, 0.45 266, P, 18 30 09.2 +0.8, WESC Westside Schoo, 0.46 182, P, 18 30 09.4 +0.8, CTWC Cottonwood Mou, 0.47 344, P, 18 30 09.2 +0.4, DRECC Desert Rsrch C, 0.47 151, P, 18 30 09.0 +0.0, BC3 Big Chuckwall, 0.48 27, P, 18 30 09.3 +0.3, HAY Hayfield, 0.48 3, P, 18 30 09.0 +0.0, CTCC Cactus City, 0.49 332, P, 18 30 09.0 +0.5, COY Coyote Mountai, 0.52 286, P, 18 30 10.6 +0.4, SGL Mount Signal, 0.57 181, P, 18 30 16.5 +0.2, S271 Bombay Beach, 0.62 149, P, 18 30 02.5 +0.3, UABX UABX, Campus M, 0.63 158, P, 18 30 02.6 +0.4, IN-KO In-Ko-Pah, Jac, 0.66 210, P, 18 30 12.6 +0.2, RUN Ruthven, 0.67 112, P, 18 30 12.3 -0.2, RMX La Rumorosa, 0.69 206, P, 18 30 21.6 +0.3, PMD Palm Desert, 0.70 308, P, 18 30 21.1 -0.1, XPFO Pinon Flat, 0.73 302, S, 18 30 15.0 +0.2, PFO Pinyon Flats O, 0.73 302, P, 18 30 13.4 -0.3, JUEM Julian Eagle M, 0.75 259, P, 18 30 13.8 -0.0, GLA Glamis, 0.77 103, P, 18 30 13.8 -0.6, MATG Mataguay Scout, 0.78 289, S, 18 30 26.2 -0.6, DNR Dunn Ranch, Anz, 0.84 294, P, 18 30 14.9 -0.9, PSK Cerro Bola, 0.87 156, P, 18 30 16.2 -0.3, CRY Cary Ranch, 0.92 292, P, 18 30 17.4 +0.1, BAR Barrett, 0.97 236, P, 18 30 17.5 -0.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, YUH Yuh Desert, 0.60 197, P, 18 30 11.2 0.0, COA Coachella, 0.61 129, P, 18 30 11.6 +0.1, S271 Bombay Beach, 0.62 149, P, 18 30 12.1 +0.6, UABX UABX, Campus M, 0.63 158, P, 18 30 02.5 +0.3, IN-KO In-Ko-Pah, Jac, 0.66 210, P, 18 30 12.6 +0.2, RUN Ruthven, 0.67 112, P, 18 30 12.3 -0.2, RMX La Rumorosa, 0.69 206, P, 18 30 21.6 +0.3, PMD Palm Desert, 0.70 308, P, 18 30 21.1 -0.1, XPFO Pinon Flat, 0.73 302, S, 18 30 15.0 +0.2, PFO Pinyon Flats O, 0.73 302, P, 18 30 13.4 -0.3, JUEM Julian Eagle M, 0.75 259, P, 18 30 13.8 -0.0, GLA Glamis, 0.77 103, P, 18 30 13.8 -0.6, MATG Mataguay Scout, 0.78 289, S, 18 30 26.2 -0.6, DNR Dunn Ranch, Anz, 0.84 294, P, 18 30 14.9 -0.9, PSK Cerro Bola, 0.87 156, P, 18 30 16.2 -0.3, CRY Cary Ranch, 0.92 292, P, 18 30 17.4 +0.1, BAR Barrett, 0.97 236, P, 18 30 17.5 -0.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DANC Danby, Neodes, 1.44 11, P, 18 30 26.9 -0.1, GMRG Granite Mountai, 1.56 2, P, 18 30 29.4 -0.2, CCX Cicese, 1.57 211, P, 18 30 27.7 -0.5, 113A Mohawk Valley, 1.70 105, P, 18 30 30.3 +0.3, BFSC Mount Baldy Ra, 1.91 303, P, 18 31 20.5, MWC Mount Wilson, 2.19 298, P, 18 30 46.6 +0.7, DUZA Dulzura, 1.08 236, P, 18 30 20.0 -0.4, BLYC Blythe, 1.13 62, P, 18 30 20.5 -0.8, CBX Cerro Bola, 1.21 222, P, 18 30 21.6 -1.3, ESJX Sierra Juarez, 1.23 189, P, 18 30 21.7 -1.6, DANC Danby, Neodes, 1.44 11, P, 18 30 26.9 -0.1, GMRG Granite Mountai, 1.56 2, P, 18 30 29.4 -0.2, CCX Cicese, 1.57 211, P, 18 30 27.7 -0.5, 113A Mohawk Valley, 1.70 105, P, 18 30 30.3 +0.3, BFSC Mount Baldy Ra, 1.91 303, P, 18 31 20.5, MWC Mount Wilson, 2.19 298, P, 18 30 46.6 +0.7, DUZA Dulzura, 1.08 236, P, 18 30 20.0 -0.4, BLYC Blythe, 1.13 62, P, 18 30 20.5 -0.8, CBX Cerro Bola, 1.21 222, P, 18 30 21.6 -1.3, ESJX Sierra Juarez, 1.23 189, P, 18 30 21.7 -1.6

Table with columns: comp=E, 48nm, 1.6s, 4.00 341, IAML, 18 32 45.7, comp=E, 5.7nm, 1.5s, IAML, 18 32 49.3, comp=N, 50nm, 2.1s, 4.25 101, IAML, 18 32 33.2, comp=N, 24nm, 1.4s, IAML, 18 32 33.2

PAS 10 18:30:05.8:1.1, 33.230N:0.008:115.69W:0.01, h4km, 2km, Error ellipse: s-maj=1.5km s-min=1.1km az=64.0

NEIC 10 18:30:05.5:1.3, 33.230N:0.009:115.704W:0.010, h6km, 3km, ML3.3/24, ML3.5/279(PAS), Error ellipse: s-maj=1.3km s-min=1.1km az=211.0, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, OBB Obsidian Butte, 0.08 138, Op, 18 30 07.6 +0.2, WIS Wister, 0.10 64, P, 18 30 08.3 +0.5, S271 Bombay Beach, 0.12 349, P, 18 30 10.5 +2.2, CL2 Calipatria 2, 0.15 136, P, 18 30 08.9 +0.8, ERRC Elmore Ranch, 0.15 221, P, 18 30 09.7 +1.1, FRK Frink, 0.18 18, P, 18 30 13.2 +2.6, WEMD Westmorland, C, 0.22 152, P, 18 30 09.4 -0.4, SALN Salton City, 0.24 282, P, 18 30 15.1 +1.6, SUP Superstition M, 0.29 200, P, 18 30 11.6 +0.4, IMPER Imperial, 0.35 160, P, 18 30 13.5 -0.6, COK2 Cook Ranch 2, 0.38 183, P, 18 30 19.0 -0.9, BRGC Borrego Mounta, 0.40 262, S, 18 30 19.9 -1.4, CRR Carrizo Plain, 0.41 213, P, 18 30 14.0 +0.6, SNR Schaffner Ranc, 0.43 149, P, 18 30 15.8 -0.3, SLH Sleepy Hollow, 0.46 265, P, 18 30 15.5 -0.5, CTWC Cottonwood Mou, 0.47 343, P, 18 30 15.1 +0.5, WESC Westside Schoo, 0.47 183, P, 18 30 15.4 +0.8, BC3 Big Chuckwall, 0.47 26, P, 18 30 22.7 -0.6, DRECC Desert Rsrch C, 0.48 153, P, 18 30 21.4 +0.6, CTCC Cactus City, 0.49 331, P, 18 30 23.1 -0.9, CTCC Cactus City, 0.49 331, P, 18 30 15.8, COY Coyote Mountai, 0.53 285, S, 18 30 24.7 -0.3, SGL Mount Signal, 0.58 182, S, 18 30 24.8 +0.6, YUHD Yuh Desert, 0.59 162, P, 18 30 27.9 +0.2, YUH Yuh Desert, 0.61 198, P, 18 30 16.8 -0.4, YUH Yuh Desert, 0.61 198, P, 18 30 26.8, COA Coachella, 0.61 127, S, 18 30 27.3 0.0, 5054 Holtville Bond, 0.62 150, P, 18 30 28.0 +0.4, UABX UABX, Campus M, 0.64 113, P, 18 30 28.3 +0.2, RUN Ruthven, 0.66 160, P, 18 30 17.8 -0.6, IN-KO In-Ko-Pah, Jac, 0.67 211, P, 18 30 18.6 +0.1, IKP IKP, 0.70 307, P, 18 30 28.2 -1.0, PMD Palm Desert, 0.70 307, P, 18 30 18.5 -0.5, PMD comp=N, 621nm, 0.4s, IAML, 18 30 30.0, RMX La Rumorosa, 0.70 207, S, 18 30 29.5 -0.7, XPFO Pinon Flat O, 0.73 301, P, 18 30 25.4 +2.6, PFO Pinyon Flats O, 0.74 301, P, 18 30 18.5 -1.2, PFO comp=N, 691nm, 0.6s, IAML, 18 30 30.8, PFO comp=N, 595nm, 0.4s, IAML, 18 30 30.4, GLA Glamis, 0.74 301, P, 18 30 19.6 -0.5, GLA comp=N, 2um, 1.0s, IAML, 18 30 32.2, JUEM Julian Eagle M, 0.76 259, S, 18 30 30.6 +0.5, EMSC East Mesa, 0.78 129, S, 18 30 32.8 +0.6, MATG Mataguay Scout, 0.79 268, S, 18 30 31.5 +0.5, FRD Ford Ranch, An, 0.80 290, P, 18 30 18.9 +0.6, BELC Belle Mtn. Jos, 0.81 342, P, 18 30 20.0 -1.0, DNR Dunn Ranch, Anz, 0.84 294, P, 18 30 21.0 -0.7, DNR comp=N, 2um, 0.5s, IAML, 18 30 34.8, DNR comp=N, 3um, 0.7s, IAML, 18 30 34.9, BZNA Buzz No.'s Pla, 0.85 288, S, 18 30 33.6 +0.8, EW2 E Wide Canyon, 0.92 321, P, 18 30 35.7 +0.6, BLYC Blythe, 1.11 62, P, 18 30 20.7 -0.1, CBX Cerro Bola, 1.22 222, P, 18 30 27.3 -1.7, CBX comp=N, 3um, 0.7s, IAML, 18 30 60.0, CBX comp=N, 3um, 0.7s, IAML, 18 31 02.2, CCX Cicese, 1.58 211, P, 18 30 34.0 -0.1, TPNV Topopah Spring, 3.74 353, P, 18 32 21.1, WUAZ Wuzuki, 4.25 56, IAML, 18 33 18.1, PKD Bear Valley Ra, 4.82 306, IAML, 18 33 18.6, PKD comp=N, 28nm, 1.6s, IAML, 18 33 19.6, SRU San Rafael Swe, 7.21 34, Pn, 18 31 51.5 -0.1, DUG Dugway, Tooele, 7.33 18, Pn, 18 31 52.6 -0.5, PV17 East Wyr Mesa, 7.45 46, Pn, 18 31 54.5 -0.3, PV18 Skein Mesa, Pa, 7.45 46, Pn, 18 31 54.0 -0.9, PV20 West Nyswonger, 7.48 45, Pn, 18 31 54.4 -0.5, PV02 Paradox Valley, 7.53 47, Pn, 18 31 56.2 +0.1, PV04 Paradox Valley, 7.55 45, Pn, 18 31 55.9 -0.4

NEIC 10 18:34:42.8:1.7, 58.33N:0.02:133.50W:0.02, h4km, 7km, ML3.2/57, ML2.9(AE/C), Error ellipse: s-maj=3.3km s-min=1.7km az=169.0

PGC 10 18:34:43.6:0.2, 58.33N:133.51W, h1km, ML3.3/19, 52km east of Juneau, Alaska, Usa Southeast Alaska, AEIC 10 18:34:43.2:0.2, 58.33N:0.03:133.55W:0.03, h10km, 5km, Error ellipse: s-maj=3.8km s-min=2.1km az=179.0

ISC 10 18:34:42.9:1.1, 58.37N:0.03:133.49W:0.02, h4km±10km, n79, r105/87, Southeastern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, JIS Juneau Island, 0.48 259, Op, 18 34 52.1 0.0, R32K Eaglecrest, 0.55 261, P, 18 34 53.3 +0.1, BESE Bessie Mountai, 0.75 287, P, 18 34 56.8 -0.4, BESE Bessie Mountai, 0.75 287, P, 18 34 57.1 -0.1, Q32M Nakina River, 0.87 47, P, 18 34 54.4 -0.5, Q32M Nakina River, 0.87 47, P, 18 35 12.0 +1.0, Q32M Nakina River, 0.87 47, P, 18 34 59.6 -0.1, S32K Killisnoo, 1.07 213, P, 18 35 18.2 -1.6, S32K Killisnoo, 1.07 213, IAML, 18 35 03.1 -0.2, S32K Killisnoo, 1.07 213, IAML, 18 35 19.8, S32K comp=N, 146nm, 0.6s, IAML, 18 35 19.8, R31K City Hall, Goo, 1.18 273, S, 18 35 21.4 +0.5, P32M Atlin, 1.23 355, P, 18 35 05.8 -1.2, P32M Atlin, 1.23 355, P, 18 35 06.0 -0.9, P32M Atlin, 1.23 355, S, 18 35 07.3 -0.3, S34M Telegraph Cree, 1.33 109, Pn, 18 35 07.3 -1.0

Table with columns: Code, Station Name, MS, AZ, Phase ID, Time, Res, ISC. Includes stations like Wister, Bombay Beach, Obsidian Butte, etc.

Table with columns: Code, Station Name, MS, AZ, Phase ID, Time, Res, ISC. Includes stations like Laurel Mtn Rad, Osto Audit, Topopah Springs, etc.

Table with columns: Code, Station Name, MS, AZ, Phase ID, Time, Res, ISC. Includes stations like MAKZ, ZALV, KURBK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Dolgoi Island, Sand Point, Chornobura Isl, Hag, Dutton South H, Veniaminof 6, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Juneau Island, Eaglecrest, Bessie Mountai, Nakina River, Killisnoo, etc.

IDC 10 20:26:53.0 0.7, 48:93N; 157:90E, h0km, mb3.9/20, mbmp3.9/23, ML3.6/3, MS2.9/9, Error ellipse: s-maj=18.4km s-min=15.1km az=159.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Severo-Kuril's, Somme Creek, Somme Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Malaya Ipe'ka, Asacha, Russkaya, Mutnovka, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MJAR, BILL, HEH, YAK, KSRs, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NB2, NOA, HFS, SCHO, AKASG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TBP, TBP, GQP, JAI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Innoko River, Telida, Castles, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CELP, IGRP, InterUniversit, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBTT, LBTT, comp=Z,3.2nm,0.4s, etc.

BUJ 10:22:39.05, 4.9'S; 161.91'E, h79km, mB4.8/3, mb4.8/21
NOU 10:22:39.06, 5.1044S; 161.37E, h73km, mb5.0/45, Solomon Islands
GCMT 10:22:39.06, 7.0, 3.1, 10.45S; 0.02, 161.45E; 0.02, h76km, 4.0km, MV4.9/81, Moment Tensor Solution, s17,c19; s81,c104;

JMA 10:21:21.33, 7.0, 4.4, 44'N; 148.8E, h0km, MV3.7/20, SE OFF ETOROFU

IDC 10:21:58.30, 6.2, 2.0, 30.48N; 140.51E, h0km, mb3.7/4, mbtmp3.6/6, ML2.5/2, MS3.0/2, Error ellipse: s-maj=110.0km s-min=19.8km az=81.0

Code Station Name Az Az' Phase ID Time Res
HURO Huro Makira 0.53 92 Op ISC Pn 22 39 16.2 +0.0

SKHL 10:21:21.33, 9.0, 5.4, 44'N; 148.8E, h45km, 2km, mb3.8/3

JMA 10:21:58.32, 9.1, 3.3, 30.76N; 0.09, 141.7E; 0.2, h37km, n13, s157/14, mb3.7/4, Southeast of Honshu

HNR Honiara 1.72 306 S Pn 22 39 34.1 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like REI Reidovoe, KUR Kuril'sk, NEM2 Nemuro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ Hachijo jima 2, JHJ 10.0nm, 0.3s, etc.

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

NEIC 10:21:41:05.0, 1.5, 19.46N; 0.03, 66.19W; 0.05, h10km, 2km, ML2.8/27, MD3.5/14(RSPR), Error ellipse: s-maj=7.9km s-min=4.9km az=97.0

IDC 10:22:14:13.7, 1.9, 7.38S; 127.70E, h0km, mb3.5/2, mbtmp3.6/5, ML3.7/3, MS2.5/1, Error ellipse: s-maj=104.5km s-min=26.1km az=73.0, Banda Sea

Code Station Name Az Az' Phase ID Time Res
FITZ Fitzroy Crossi 10.84 190 Op ISC Pn 22 16 50.7 +0.5

SDD 10:21:41:05.0, 0.6, 19.59N; 66.18W, h31km, 66km, MD3.5, ML2.7, MW3.2, Presumed earthquake

Code Station Name Az Az' Phase ID Time Res
FITZ Fitzroy Crossi 10.84 190 Op ISC Pn 22 16 50.7 +0.5

Code Station Name Az Az' Phase ID Time Res
FITZ Fitzroy Crossi 10.84 190 Op ISC Pn 22 16 50.7 +0.5

RSPR 10:21:41:08.7, 19.53N; 66.22W, h29km, 24km, MD3.5/14

Code Station Name Az Az' Phase ID Time Res
FITZ Fitzroy Crossi 10.84 190 Op ISC Pn 22 16 50.7 +0.5

Code Station Name Az Az' Phase ID Time Res
FITZ Fitzroy Crossi 10.84 190 Op ISC Pn 22 16 50.7 +0.5

ISC 10:21:41:05.2, 2.4, 19.46N; 0.09, 66.10W; 0.07, h17km, 10km, n42, 0.659/58, 5C-7D, Puerto Rico region

Code Station Name Az Az' Phase ID Time Res
FITZ Fitzroy Crossi 10.84 190 Op ISC Pn 22 16 50.7 +0.5

Code Station Name Az Az' Phase ID Time Res
FITZ Fitzroy Crossi 10.84 190 Op ISC Pn 22 16 50.7 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EMPR Esperanza, EMPR Esperanza - Ma, etc.

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

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

HUMP Col San Antoni 1.33 170 Pn Sn 21 41 30.8 +0.0

Code Station Name Az Az' Phase ID Time Res
PRE 10:22:29:57.8, 0.8, 21.53S; 33.44E, h5km, ML2.8, Presumed earthquake

Code Station Name Az Az' Phase ID Time Res
PRE 10:22:29:57.8, 0.8, 21.53S; 33.44E, h5km, ML2.8, Presumed earthquake

HUMP Col San Antoni 1.33 170 Pn Sn 21 41 31.2 +0.4

Code Station Name Az Az' Phase ID Time Res
PRE 10:22:29:57.8, 0.8, 21.53S; 33.44E, h5km, ML2.8, Presumed earthquake

Code Station Name Az Az' Phase ID Time Res
PRE 10:22:29:57.8, 0.8, 21.53S; 33.44E, h5km, ML2.8, Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJG San Juan, AGPR Aguadilla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PILG Pilgrimsrest, BLWY Bulawayo, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KESR, MVO, CP5B, VSL, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DRE, ARG, ARG, SQTA, ABTA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MORH, ATD, GRB3, GRF, WET, etc.

Table with columns for station name, coordinates, and various status indicators. Includes stations like WWT Waverly, 146A Union, AB31 Akbulak array, etc.

Table with columns for station name, coordinates, and various status indicators. Includes stations like TNSS Tian-Shan, MDOK Medeo, MDOK Medeo, etc.

Table with columns for station name, coordinates, and various status indicators. Includes stations like MXZ Matakaoa Point, MXZ MXZ, MXZ MXZ, etc.

IDC 10 00:21.9:2.7, 17.49S; 174.54W, h146km, mb3.6/5, mbmp4.2/6, Error ellipse: s-maj=35.2km s-min=20.3km az=120.0

ISC 10 00:29.1:0.1, 0.174S; 0.2:174.5W; 0.2, h139km, n7, i=148/7, mb3.7/5, Tonga Islands

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like AFI Afiamalou, MSVF Cape Leuewin, URZ Urewera, etc.

IDC 11 00:12:26.8; 15.0, 64.23S; 98.88E, h0km, Error ellipse: s-maj=41.9km s-min=9.2km az=156.0, South Indian Ocean

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like H01W2 Cape Leuewin, H04S2 CROZET ISLANDS, etc.

NOU 11 00:28:32.2, 34.45S; 179.12W, h297km, MLv4.6/8, South of Kermadec Islands

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

NOU 11 00:33:37.9, 21.33S; 169.63E, h25km, MLv4.0/18, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MARNC Mare, Loyalty, YARNC Mare, Loyalty, etc.

TAP 11 01:01:05.9, 24.72N; 121.93E, h74km, ML4.9, B NIED 11 01:01:05.2, 24.68N; 121.94E, h74km, MW4.3, Moment Tensor solution, s2 Moment Tensor: Scale 10^15Nm; M0=0.89; M1=1.71; M2=0.82; M3=2.51; M4=0.62; M5=0.91; Fault plane solution: Ms3.01000x10^15 NPT1=82.00000; delta.00000, lambda.119.00000. NP2=292.00000, delta.00000, lambda.-83.00000.

NEIC 11 01:01:05.2, 1.4, 24.74N; 0.04; 121.98E; 0.04, h75km, 5km, mb4.3/9, Error ellipse: s-maj=5.9km s-min=4.5km az=208.0

JMA 11 01:01:05.0, 0.2, 24.77N; 0.6; 121.9E; 0.5, h77km, 2km, MW4.1/16, TAIWAN REGION

ASIES 11 01:01:06.5, 24.71N; 121.94E, h74km, Mw4.1, Fault plane solution: NPT1=47.00000; delta.00000, lambda.152.00000; NP2=163.00000; delta.00000, lambda.65.00000.

IDC 11 01:01:07.3, 2.8, 24.77N; 122.09E, h99km, 26km, mb3.5/12, mbmp3.9/14, MS2.8/6, Error ellipse: s-maj=18.4km s-min=15.4km az=61.0

BUI 11 01:01:08.1, 24.78N; 121.72E, h66km, mb4.4/5, ML4.3/2, ISC 11 01:01:05.6; 0.6, 24.74N; 0.02; 121.96E; 0.02, h81km, 3km, n214, delta190/347, mb3.9/18, 35C-12D, Taiwan

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like EGS Station Name, TWC Suao, TWC Toucheng, etc.

11d 1h

Table with columns for station name, frequency, and other identifiers. Includes stations like WFSB Wu-fen Shan, EOS2 EOS2, Wulai, Mucha, Datong Townshi, National Taiwan, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like ECHB Changbin, EYUN Yuli, Yuli, Alishan, CHKH Chenggong, Douliou City, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like SONM Songino Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

2020 AUG

KRSC 11 01:05:42.2±1.8,49.71N×156.62E, h40km±21km, M14.3, Kuril Islands

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

CATAC 11 01:06:15.9±0.2, 10°N±2°8'4W±, h1km±1km, M4.2/2.0, MLV4.2/2.0, Error ellipse: s-maj=5.1km s-min=2.0km az=43.7, confirmed

UCR 11 01:06:15.7±0.8, 9.78N-83.98W, h6km±2km, MW4.2, Fault plane solution: NP1.3±37.89000°, δ90.0000°, 1.15, 0.0000°. Presumed earthquake

NEIC 11 01:06:15.5±0.9, 9.71N-83.03W, h4km±1km, ML3.9/2.4, Error ellipse: s-maj=7.3km s-min=4.8km az=233.0

UPA 11 01:06:15.8±1.2, 9.89N-83.90W, h0km±70km, MW3.9, Presumed earthquake

ISC 11 01:06:16.1±0.8, 9.74N-83.02W, h40km±0.02, h11km±5km, n150.0±83/183,31C-18D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Lists stations like PITB Pirras, PIEC Cerro El Cedra, TAGO Cartago, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PILE, NARAN, PALD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BJO1, BEAR, BRBA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like STOK, STOK, STOK, etc.

11d 1h

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like KASTN, CLL, CLM, etc.

2020 AUG

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like ECH, KOLS, MODS, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like HHC, PDAR, PDAR, etc.

SJA 11 01:32:01.3i:0.6,34:87Sx:71:09W,h105kmz2km,ML3.5, MW3.6

GUC 11 01:32:02.6i:0.7,34:87Sx:71:03W,h101kmz2km,ML3.7

ISC 11 01:32:09.0i:1.3,34:89S:0.003:71:04W,0.04,h104kmz7km, n54,4089/93, 100-9D,Near coast of central Chile

Table with columns: Code, Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like BO02, BO02, BO01, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Curacav, Ro Olivares, Hacienda Santa, Bocatomia Ro, etc.

IDC 11 01:36:04.2±0.8, 39°29'N, 16°66'E, h0km, mb3.6/10, mbmp3.7/21, ML3.2/9, MS2.9/3, Error ellipse: s-maj=15.9km s-min=13.2km az=129.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Spezzano della, Celico, Timpagrande, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TIP, SERS, GIZZ, LADO, TDS, GRI, CET2, SALB, GRIS, MMN, JOPP, ORI, PLAC, DRME, THRE, CEME, OHR, PDG, AQU, BRY, NKME, SKO, SJK, VAY, BBLS, BLY, BLY, TEKS, BOVS, BLKB, FRGS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IST3, CEL, MGR, BULG, GMB, SOI, MSRU, SALC, SLCN, STN3, VAE, CLTB, HCY, DRME, THRE, CEME, OHR, PDG, AQU, BRY, NKME, SKO, SJK, VAY, BBLS, BLY, BLY, TEKS, BOVS, BLKB, FRGS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKBS, BSWZ, BWRS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPZ, ARZC, TMZ, LBZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, MSVF, H11S2, etc.

HRA	Herat	52.32	23	P	P	05 19 30.5	+0.3
HRA				I	Amb	05 19 42.5	
BNN	comp=Z,8.2nm,0.8s	52.82	355	P	P	05 19 33.1	-1.2
MANT	Bunya	53.49	348	P	P	05 19 39.0	-0.4
MANT				I	Amb	05 19 54.4	
BRTR	comp=Z,8.4nm,1.0s	53.90	353	P	P	05 19 43.4	+1.0
BRTR	Keşkin Array B			L	R	05 44 38.7	
BR131	comp=Z,2.3nm,19.2s,baz=266,slow=38	53.90	353	P	P	05 19 42.0	-0.3
BR131	Keşkin Array S			I	Amb	05 19 54.4	
ITM	comp=Z,8.2nm,1.1s	53.95	341	P	P	05 19 42.7	+0.2
ITM	Ithomi			I	Amb	05 20 05.3	
KBL	comp=Z,18nm,1.5s	55.29	28	P	P	05 19 53.0	+0.4
KBL	Kabul			I	Amb	05 20 05.3	
MAW	comp=Z,12nm,1.1s	55.44	170	P	P	05 19 54.1	+1.2
MAW	Mawson			I	Amb	05 19 53.1	+0.2
AGG	comp=Z,3.3nm,0.7s,baz=313,slow=10,SNR=6.5	55.44	170	P	P	05 19 55.1	+1.1
AGG	Mawson			I	Amb	05 19 55.1	+1.1
XOR	comp=Z,22nm,1.1s	56.94	341	P	P	05 19 55.1	+0.6
XOR	Xorichiti			I	Amb	05 44 51.5	
VAE	comp=Z,20nm,1.1s	56.92	335	L	R	05 20 04.8	+0.7
VAE	Valguarnera			L	R	05 20 04.7	+0.7
KEK	comp=Z,17.1nm,19.2s,baz=128,slow=36	56.94	341	P	P	05 20 04.8	+0.7
KEK	Kerkira			I	Amb	05 20 04.7	+0.7
SRN	comp=Z,25nm,0.9s	57.02	341	P	P	05 20 05.1	+0.5
SRN	Sarande			I	Amb	05 20 07.6	+0.9
GRG	comp=Z,20nm,1.3s	57.31	344	P	P	05 20 07.7	+0.7
GRG	Griva			I	Amb	05 20 08.1	+0.5
KNT	comp=Z,34nm,1.5s	57.36	344	P	P	05 20 08.4	+0.4
KNT	Kendrikon			I	Amb	05 45 55.7	
SHA	comp=Z,12nm,1.0s	57.42	26	P	P	05 20 10.7	+0.7
SHA	Shahritus			I	Amb	05 20 17.5	+0.4
KBZ	comp=Z,18nm,1.0s	57.52	2	P	P	05 20 18.1	+1.0
KBZ	Khabaz			I	Amb	05 20 19.0	+2.1
KBZ				L	R	05 20 16.4	+0.7
KBZ	comp=Z,42nm,19.7s,baz=179,slow=37	57.52	30	P	P	05 20 16.7	-2.0
KBZ	comp=Z,3.2nm,0.9s			I	Amb	05 20 31.3	
KEST	comp=Z,2.2nm,0.8s,baz=154,slow=6.6,SNR=2.5	57.52	30	P	P	05 20 10.6	+0.7
KEST	Kesra			I	Amb	05 20 23.7	
KEST				I	Amb	05 20 20.7	-1.9
CHGR	comp=Z,16nm,1.2s	58.78	26	P	P	05 20 22.2	-0.3
CHGR	Chuyangaron			I	Amb	05 20 21.8	-0.6
CHGR				I	Amb	05 20 35.1	
CHGR	comp=Z,11nm,0.7s	58.78	26	P	P	05 20 28.9	-1.0
CHGR	Chuyangaron			I	Amb	05 20 28.2	-1.8
ELIB	Princess Elisa	58.81	186	eP	P	05 21 29.6	
ELIB				I	Amb	05 20 29.5	-1.1
MATE	comp=Z,8.8nm,0.9s	58.82	339	P	P	05 20 29.5	-1.1
MATE	Matera			I	Amb	05 20 43.4	
MANEM	comp=Z,35nm,1.2s	58.97	28	P	P	05 20 31.1	+0.4
MANEM	Manem			I	Amb	05 20 32.5	+0.8
GAR	comp=Z,23nm,0.7s	59.56	26	P	P	05 20 31.7	+0.1
GAR	Garm			I	Amb	05 20 32.1	+0.3
GAR				I	Amb	05 20 32.9	+0.5
PDG	comp=Z,26nm,1.1s	59.56	26	P	P	05 20 37.8	+0.4
PDG	Podgorica			I	Amb	05 20 39.9	+0.6
DRK	comp=Z,8.7nm,1.1s	60.60	27	P	P	05 20 58.0	
DRK	Karamyk			I	Amb	05 20 58.4	
BTK	comp=Z,15nm,1.2s	60.60	27	P	P	05 20 46.4	+0.3
BTK	Batken			I	Amb	05 20 45.9	+0.2
MLR	comp=Z,7.0nm,1.1s	60.76	348	L	R	05 20 47.2	+0.3
MLR	Muntele Rosu			L	R	05 20 48.6	+0.3
MLR	comp=Z,30nm,18.9s,baz=170,slow=41	60.76	348	L	R	05 20 43.4	
MLR	Muntele Rosu			I	Amb	05 20 31.1	+0.4
VSL	comp=Z,13nm,1.4s	60.77	333	P	P	05 20 32.5	+0.8
VSL	Villasalto			I	Amb	05 20 31.8	+0.4
VOIR	comp=Z,23nm,1.0s	60.77	333	P	P	05 20 31.7	+0.1
VOIR	Villasalto			I	Amb	05 20 32.1	+0.3
ARR	comp=Z,6.4nm,1.2s	60.91	347	P	P	05 20 32.9	+0.5
ARR	Arges			I	Amb	05 20 39.9	+0.6
VRI	comp=Z,8.1nm,1.2s	60.96	349	P	P	05 20 58.0	
VRI	Vrincioiaia			I	Amb	05 20 58.4	
INTR	comp=Z,15nm,1.2s	61.02	337	P	P	05 20 46.4	+0.3
INTR	Introdacqua			I	Amb	05 20 45.8	+0.6
BZS	comp=Z,11nm,1.0s	61.86	345	P	P	05 20 52.7	
BZS	Buzias			I	Amb	05 20 40.9	+1.1
NRCA	comp=Z,15nm,1.2s	62.03	337	P	P	05 20 39.8	-0.6
NRCA	Norcia			I	Amb	05 20 52.2	
KSH2	comp=Z,4.0nm,0.9s	62.09	30	P	P	05 20 39.8	-0.6
KSH2	Kashi			I	Amb	05 20 52.2	
FDMO	comp=Z,8.6nm,1.2s	62.21	337	P	P	05 20 43.7	+3.5
FDMO	Fiordimonte			I	Amb	05 20 42.6	-0.3
TROLL	comp=Z,2.1µm,0.8s	62.22	193	I	P	05 20 43.4	-0.1
TROLL	Troll, Antarti			I	Amb	05 20 45.0	+0.3
ARK	comp=Z,5.4nm,0.9s	62.58	26	P	P	05 20 45.8	+0.6
ARK	Arkit			I	Amb	05 20 58.0	
DRGR	comp=Z,5.7nm,1.2s	62.69	346	P	P	05 20 44.5	-0.9
DRGR	Drage			I	Amb	05 20 58.4	
CASP	comp=Z,2.0nm,0.8s	62.87	336	P	P	05 20 46.4	+0.3
CASP	Castiglione de Buocovina Array			I	Amb	05 20 45.9	+0.2
BURAR	comp=Z,6.2nm,1.1s	62.93	348	P	P	05 20 46.4	+0.3
BURAR	Burara			I	Amb	05 20 58.4	
BUR08	comp=Z,9.1nm,1.2s	63.07	24	P	P	05 20 46.4	+0.3
BUR08	Bucovina Ar. S			I	Amb	05 20 49.2	+2.7
KK31	comp=Z,6.4nm,0.7s	63.07	24	P	P	05 20 48.6	+2.1
KK31	Karatay Array			I	Amb	05 20 47.2	+0.6
KKAR	comp=Z,4.2nm,0.9s,baz=57,slow=5.5,SNR=7.1	63.07	24	P	P	05 20 50.5	
KKAR	Karatay Array			I	Amb	05 20 50.5	
SNAA	comp=Z,54nm,18.0s,baz=294,slow=34	63.18	194	P	P	05 20 46.3	-0.2
SNAA	Sanae			I	Amb	05 20 48.1	+1.2
SNAA	comp=Z,4.2nm,0.9s	63.18	194	P	P	05 49 04.6	
SNAA	Sanae			I	Amb	05 20 47.2	+0.6
SNAA				I	Amb	05 20 50.5	
SNAA	comp=Z,6.5nm,1.0s	63.18	194	P	P	05 20 46.3	-0.2
SNAA	Sanae			I	Amb	05 20 48.1	+1.2
MORH	comp=Z,8.5nm,1.0s	63.21	343	P	P	05 20 48.6	+2.1
MORH	Mirgy, Hungar			I	Amb	05 20 47.2	+0.6
MDT	comp=Z,68nm,18.1s,baz=159,slow=37	63.63	318	L	R	05 20 50.5	
MDT	Midelt			L	R	05 20 50.7	-0.3
MD31	comp=Z,6.3nm,0.8s	63.77	318	P	P	05 20 53.1	+2.1
MD31	MD31			I	Amb	05 20 52.3	
CRES	comp=Z,2.0nm,0.8s	63.86	196	P	P	05 20 04.7	+3.8
CRES	Cresnejevost			I	Amb	05 20 04.3	
VNA2	comp=Z,5.8nm,0.6s,baz=35,slow=5.2	63.86	196	P	P	05 20 54.4	+0.4
VNA2	Neumayer-Watz			I	Amb	05 20 55.4	+4.0
VNA1	comp=Z,3.9nm,0.8s	63.93	30	P	P	05 20 52.0	-0.3
VNA1	Neumayer-Stat			I	Amb	05 20 52.1	-1.1
ASAI	comp=Z,2.9nm,0.9s	64.09	29	P	P	05 21 05.7	
ASAI	AK-SAY(Kyrgyz)			I	Amb	05 20 53.9	-0.8
NRN	comp=Z,11nm,1.4s	64.35	27	P	P	05 20 58.3	+1.8
NRN	Naryn			I	Amb	05 21 07.5	
AAK	comp=Z,8.2nm,1.2s	64.72	341	eP	P	05 20 59.5	+2.5
AAK	Aala-Archa			I	Amb	05 20 59.3	+2.3
PERS	comp=Z,3.3nm,0.8s	64.72	340	eP	P	05 20 58.3	+1.3
PERS	Pernice			I	Amb	05 20 57.6	+0.6
SOKA	comp=Z,14nm,1.0s	64.73	339	P	P	05 20 59.4	+2.2
SOKA	Soboth			I	Amb	05 21 07.8	
OBKA	comp=Z,12nm,0.9s	64.75	340	i	P	05 20 59.0	-0.2
OBKA	Obir			I	Amb	05 21 11.3	
DRE	comp=Z,5.0nm,0.9s	64.75	340	i	P	05 21 01.5	+2.3
DRE	Drenchia			I	Amb	05 20 59.8	+0.2
CADS	comp=Z,1.3nm,0.5s	65.07	341	eP	P	05 20 59.8	+0.2
CADS	Cadrg			I	Amb	05 20 59.8	+0.2
ARSA	comp=Z,1.3nm,0.5s	65.07	341	eP	P	05 20 59.8	+0.2
ARSA	Arzberg			I	Amb	05 20 59.8	+0.2
ACOM	comp=Z,1.3nm,0.5s	65.10	340	P	P	05 20 59.8	+0.2
ACOM	Acomizza, Ital			I	Amb	05 20 59.8	+0.2

CGRP	comp=Z,6.3nm,0.9s	65.13	338	P	P	05 21 00.2	+0.5
CGRP	Cima Grappa			I	Amb	05 20 59.8	+0.2
STAL	comp=Z,8.5nm,1.0s	65.13	339	P	P	05 21 12.1	
STAL	Staligial			I	Amb	05 20 59.7	-0.5
KDJ	comp=Z,13nm,1.5s	65.18	29	P	P	05 21 12.1	
KDJ	Kajisay			I	Amb	05 21 02.6	+2.3
RONA	comp=Z,6.3nm,1.0s	65.24	342	eP	P	05 21 00.3	+0.2
RONA	Rosalia, Austro			I	Amb	05 21 00.3	+0.1
KIEV	comp=Z,2.0nm,0.3s	65.25	352	P	P	05 21 00.6	+0.3
KIEV	Kiev			I	Amb	05 21 01.0	+0.6
AKASG	comp=Z,9.6nm,0.9s	65.26	352	P	P	05 21 02.1	+1.3
AKASG	Malin Array Be			I	Amb	05 21 01.1	+0.2
AB31	comp=Z,2.6nm,0.9s	65.27	14	P	P	05 21 13.3	
AB31	Abkulaq array			I	Amb	05 21 11.8	+1.0
CALF	comp=Z,2.6nm,0.9s	65.30	334	P	P	05 21 03.1	+0.8
CALF	Calern			I	Amb	05 21 04.6	+2.1
CTI	comp=Z,18nm,1.3s	65.32	338	P	P	05 21 04.9	+2.0
CTI	Castel Tesino			I	Amb	05 21 04.9	+2.0
MODS	comp=Z,15nm,1.1s	65.56	343	eP	P	05 21 03.6	+0.6
MODS	Modra-Piesok			I	Amb	05 21 03.2	-1.3
MODS	Modra-Piesok			I	Amb	05 21 07.6	+3.1
CONA	comp=Z,1.6nm,1.1s	65.57	342	eP	P	05 21 05.3	+0.8
CONA	Concord Observa			I	Amb	05 21 06.9	+1.7
ISO	comp=Z,4.6nm,1.5s	65.59	334	P	P	05 21 05.5	+0.3
ISO	Isola			I	Amb	05 21 05.5	+0.3
ABTA	comp=Z,14nm,1.1s	65.62	339	eP	P	05 21 08.2	+0.7
ABTA	Abtaltersbach			I	Amb	05 21 10.2	+1.7
KBA	comp=Z,1.1nm,0.6s	65.62	340	eP	P	05 21 10.9	+2.4
KBA	Koelnbreinsper			I	Amb	05 21 08.0	-0.9
KBA	comp=Z,1.1nm,0.8s	65.62	340	eP	P	05 21 20.7	
KBA	Koelnbreinsper			I	Amb	05 21 09.2	+0.3
CMAR	comp=Z,0.5nm,0.3s	65.61	62	P	P	05 21 09.0	+0.1
CMAR	Chiang Mai Arr			I	Amb	05 21 09.0	+0.1
JAVC	comp=Z,8.1nm,1.2s	65.81	62	P	P	05 21 12.6	+1.8
JAVC	Velka Javorina			I	Amb	05 21 13.8	+1.6
JAVC	Velka Javorina			I	Amb	05 21 13.8	+1.6
JAVC	Velka Javorina			I	Amb	05 21 12.6	+1.8
MOA	comp=Z,6.7nm,1.2s	66.00</					

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Los Peladeros, Villa Florida, and various amateur radio call signs.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Z47A, Y49A, X51A, and various amateur radio call signs.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KURBB, ZALV, ZALV, and various amateur radio call signs.

MOS 11 06:07:50.9, 1.1, 52.53N, 159.07E, h69km, mb4.0/1, Error ellipse: s-maj=10.6km s-min=5.2km az=80.1, KRSC 11 06:07:53.6, 1.7, 52.57N, 159.06E, h69km, 7km, M14.4, IDC 11 06:07:53.6, 1.7, 52.57N, 159.02E, h78km, 2.1km, mb3.2/3, mbmp3.7/4, MS2.1, Error ellipse: s-maj=36.6km s-min=21.1km az=144.0

Kamchatka Peninsula

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Lists various stations in Kamchatka Peninsula like Russkaya, RUS, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bocatoma Ro, Punta, Melosas, Tunca, Combarbal, etc.

IDC 11 06:48:58.7-3.3, 53.68N-88.06E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=30.2km s-min=19.7km az=50.0

ASRS 11 06:48:55.0-0.8, 53.70N-88.09E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, etc.

IDC 11 07:15:39.2-3.1, 54.46N-87.15E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=26.7km s-min=18.9km az=50.0

ASRS 11 07:15:39.0-0.6, 54.38N-86.95E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, etc.

THE 11 07:17:13.5, 38.5N-0.4-20.5E:0.9, h14km, M3.4/2, MLh3.4/2

ATH 11 07:17:13.5, 38.48N-20.41E, h6km, 1km, ML3.4/51, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

BEO 11 07:17:14.2-0.6, 38.42N-20.30E, h24km, 4km, ML3.1/8, IDC 11 07:17:14.0-4.5, 39.21N-20.54E, h0km, mb3.3/4

ISC 11 07:17:13.2-0.8, 38.48N-0.02-20.44E:0.02, h15km, 4km, n138, t18/202, mb3.4/4, Greece

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

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NYDR, Valsamata, Valsamata, Lefkada island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GINA, ACOR, ACOR, LKR, etc.

IDC 11 07:20:09.7-2.3, 42.38N-142.89E, h70km, 22km, mb3.8/22, mbtmp4.2/27, MS2.6/3, Error ellipse: s-maj=14.5km s-min=13.1km az=116.0

MOS 11 07:20:10.3-1.5, 42.39N-142.85E, h91km, mb3.4/14, Error ellipse: s-maj=9.8km s-min=5.7km az=81.0

NIED 11 07:20:12.6, 42.48N-142.95E, h86km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; M=2.03; Mw=2.35; Mw=0.32; Mw=0.17; Mw=0.32; Mw=0.81;

NEIC 11 07:20:12.3-1.5, 42.39N-142.90E:0.1, h90km, 4km, mb4.3/46, Error ellipse: s-maj=16.5km s-min=8.6km az=107.0

JMA 11 07:20:12.6-0.2, 42.5N-0.5-143.0E:0.7, h88km, 1km, MD3.9/36, MV4.1/36, HIDEKA MOUNTAINS REGION

JMA Fell II J1 at HIDEKA MOUNTAINS REGION, SKHL 11 07:20:12.1-0.7, 42.40N-142.90E:1.1, h102km, 7km, mb4.9/9, n157, t1943/176, mb4.2/52, 6C-20D, Hokkaido region

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

Table with columns: ID, Name, Time, Az, El, Res, and other details for stations 1E18K through AK19.

Table with columns: ID, Name, Time, Az, El, Res, and other details for stations MI28 through KAPI.

Table with columns: ID, Name, Time, Az, El, Res, and other details for stations SBUM through D20K.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHL Shilling, H0S2S Diego Garcia H, H0S3S Diego Garcia H, etc.

JMA 11 08:59:59.0.2.43.3N.0.6.146.0E.1.0, h87km, 1km, M3.3/4.0, OFF NEUMRO PENINSULA

SKHL 11 08:59:59.6.0.4.43.30N.146.10E, h86km, 3km, mb, 6.4/4, msh5.4/3

ISC 11 08:59:59.2.1.7.43.28N.0.08.146.04E.0.06, h87km, 9km, n16, c0943/31, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, NMR Nemuro-Hokkai, KJHN Kurohokanaka, etc.

CATAC 11 09:06:35.7.0.14.1N.5.9.1W.1.1, h17km, 9km, M3.1/12, MLV3.1/12, Error ellipse: s-maj=15.0km s-min=5.3km

GCG 11 09:06:36.3.1.6.13.83N.91.39W, h42km, 146km, MD3.7, Presumed earthquake

SNET 11 09:06:37.0.0.9.13.81N.91.23W, h14km, ML3.1, Presumed earthquake

ISC 11 09:06:35.1.2.3.13.7N.0.1.91.3W.0.1, h13km, 15km, n26, c0561/38, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STGAL El Palmar, Qui, RETAL Retalhuleu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAYA Jayaque - finc, JAYA Jayaque - finc, JAYA Jayaque - finc, etc.

ASRS 11 09:43:06.0.0.5.4.38N.86.78E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

ISC 11 09:43:09.1.3.2.54.36N.86.67E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=25.5km s-min=16.5km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISC 11 09:46:33.9.1.6.31.29S.179.21W, h0km, mb3.7/2, mbtmp3.7/2, MS3.3/1, Error ellipse: s-maj=47.4km s-min=37.5km az=46.0

WEL 11 09:47:16.2.0.9.32.7.17.9W.1.7, h261km, 16km, M4.3/34, mB4.9/30, ML4.5/21, MLV4.8/34, Mw(mB)4.1/16, Error ellipse: s-maj=23.6km s-min=6.3km az=108.6

ISC 11 09:47:13.1.1.1.32.37S.0.09.179.5W.0.2, h300km, n64, c180/63, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, MATAKAOA Matakaoa Point, WMGZ Waionatati S, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRHZ Naumai, NMHZ Naumai, WATZ Wairara, etc.

ISC 11 09:59:24.1.3.4.53.50N.88.00E, h0km, mbtmp2.8/2, ML2.0/2, Error ellipse: s-maj=29.1km s-min=17.5km az=58.0

ASRS 11 09:59:24.1.3.4.53.52N.87.96E, h0km, M2.9(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

HEL 11 10:00:21.2.0.2.64.69N.30.64E, h0km, ML 1.6, Explosion

KOLA 11 10:00:23.8.64.60N.30.50E, h0km, ML 1.8, Karelia

ISC 11 10:00:23.1.3.1.64.71N.30.42E, h0km, mbtmp2.8/3, ML2.0/3, Error ellipse: s-maj=45.5km s-min=11.1km az=97.0

ISC 11 10:00:19.8.0.9.64.63N.0.02.30.51E.0.04, h0km, n35, c1963/51, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RMF Romuvaara, RMF Romuvaara, KU1 Kurvinen, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gura Zlata, Lotru, ARCALIA, Buzias, Arges, Herculanu, Moldovita, Bucovina Array.

GUC 11 11:17:01.8+0.3,37.91S:75.62W,h13km,17km,ML3.9
IDC 11 11:17:03.7+1.0,37.87S:75.26W,h0km,mbmp2.7,7,
mbmp3.7,9,ML3.3/2, Error ellipse: s-maj=29.7km
s-min=21.0km az=70.0

SJA 11 11:17:05.7+0.6,38.15S:74.88W,h22km,10km,ML3.5,
MW3.1
ISC 11 11:17:08.4+0.9,37.99S:0.04:75.23W:0.09,h35km,n33,
e193/39,mb3.7/6,1D, Off coast of central Chile

Main table of station data for the left column, including stations like Punta Hualpn, Corral, Universidad Au, Curarehue, Sierra Bellavi, etc.

PAS 11 11:19:57.7+1.8,33.23N:0.01:115.70W:0.02,h3km,6km,
Error ellipse: s-maj=2.1km s-min=1.8km az=200.0
NEIC 11 11:19:57.4+1.6,33.26N:0.01:115.72W:0.02,h5km,1km,
ML3.3/65,Mwr3.6/4(PAS), Error ellipse: s-maj=3.0km
s-min=2.5km az=91.0, Southern California

Table of station data for the bottom left section, including stations like Wister, Frink, Elmore Ranch, Calipatria 2, Salton City, etc.

Main table of station data for the middle column, including stations like Schaffner Ranc, Westside Schoo, Desert Rsrch C, Coyote Mountai, Borrego Spring, Mount Signal, etc.

UPP 11 11:26:08.9+0.1,62.72N:17.47E,h0km,ML2.0,Suspected
explosion
HEL 11 11:26:09.5+0.1,62.71N:17.49E,h0km,ML1.5,Explosion
IDC 11 11:26:10.8+2.6,62.56N:17.35E,h0km,mbmp2.2/2,
ML1.5/2, Error ellipse: s-maj=49.4km s-min=12.1km
az=173.0

ISC 11 11:26:08.2+0.8,62.72N:0.03:17.45E:0.03,h0km,n21,
e1508/33,Sweden

Table of station data for the bottom middle section, including stations like Hemo, Hemoen, Hemoen, Solleftea, Hasu, Husum, etc.

Table of station data for the right column, including stations like ARNU, Arnoeviken, Bredtraesk, Nordraesen, Roteberg, Umeaa, Kankaanpaa, Ylistaro, Aland, etc.

CNRM 11 11:30:37.5,35.56N:5.05W,h4km,ML1.6
MDD 11 11:30:40.3+0.5,35.71N:4.61W,h98km,7km,Mb2.0/16,
Error ellipse: s-maj=4.5km s-min=3.6km az=132.0
SFS 11 11:30:40.6,35.65N:4.71W,h26km,ML2.8/14,ML2.8/14,
MLv2.6/14

INMG 11 11:30:40.3+1.0,35.65N:4.68W,h45km,ML2.3,Error
ellipse: s-maj=3.0km s-min=1.9km az=87.0,
#DIST_RANGE: REGIONAL #IPMA_REGION: Alboran
IGL 11 11:30:41.2,35.71N:4.61W,h98km
ISC 11 11:30:38.3+1.3,35.68N:0.03:4.83W:0.04,h101km,gkm,
n60,e193/97,12C, Strait of Gibraltar

Main table of station data for the right column, including stations like Ceuta, Palearmas, Chefchaouen, Mijas, Cap Spartel, Malaga-Limoner, etc.

NUBE Las Nubes 2.66 313 P Pn 13 21 25.4 +3.1

IDC 11 13:36:55.4,-0.9,37.58N;143.94E,h0km,mb3.8/9, mbmp3.8/12,ML3.5/4,MS2.9/5,Error ellipse: s-maj=21.8km s-min=20.1km az=143.0 NEIC 11 13:36:58.2,1.8,37.64N;0.08;143.78E;0.10,h10km,1km, mb4.4/12,Error ellipse: s-maj=14.5km s-min=11.3km az=137.0 JMA 11 13:37:01.1,0.2,37.8N;0.8;143.3E;h45km,MV3.9/25, FAF OFF MIYAGI PREF NIED 11 13:37:01.1,37.84N;143.45E,h45km,MW3.8, Moment Tensor Solution: s3 Moment tensor: Scale 10^14Nm; M=1.97; Mw=1.06; Ms=0.91; Me1.10; Mw=3.0; Ms=2.50; Fault plane solution: Ms:0.80000x10^14 NP1:0.900000, 0.51.00000, lambda-14.00000. NP2:0.189.00000, 0.79.00000, lambda-14.00000.

ISC 11 13:37:01.2-0.7,37.70N;0.05;143.57E;0.07,h35km,n49, a1752/58,mb4.1/16, Off east coast of Honshu

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res. Includes stations like JIKH, JIKH, JIO, JIKM, etc.

IDC 11 13:55:12.4,-1.4,25.82S;177.36W,h0km,mb3.8/3, mbmp4.1/4,ML4.2/1,MS3.4/8,Error ellipse: s-maj=36.3km s-min=29.6km az=93.0 NEIC 11 13:55:14.1,-1.1,25.95S;0.08;177.36W;0.2,h9km,6km, mb4.3/6,Error ellipse: s-maj=20.4km s-min=10.6km az=107.0

ISC 11 13:55:13.9,-0.7,25.92S;0.08;177.36W;0.2,h10km,n28, a1507/15,mb4.2/6,MS3.5/6,South of Fiji Islands

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res. Includes stations like RAO, NIUE, FUGO, etc.

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res. Includes stations like ASAR, WRA, WBO, VYDA, etc.

GFZ 11 13:57:52.0,2.2,41.3N;9.4E;h54km,3km,ML4.3/12, mb4.3/12

IDC 11 13:57:52.6,-1.5,24.09N;93.97E,h65km,15km,mb3.6/19, mbmp3.9/22,MS3.1/9,Error ellipse: s-maj=12.8km s-min=11.4km az=180.0 NDI 11 13:57:53.1,2.9,24.16N;93.84E,h36km,11km,ML4.1, MW3.9, Presumed earthquake

NEIC 11 13:57:53.2,2.2,24.21N;0.03;93.95E;0.05,h65km,5km, mb4.3/36,Error ellipse: s-maj=7.9km s-min=4.1km az=69.0

ISC 11 13:57:52.0,-0.7,24.14N;0.04;93.82E;0.04,h58km,6km, n119, a1557/131,mb4.2/43,MS3.0/9,Myanmar-India border region

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res. Includes stations like MORE, IMP, AZL, etc.

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res. Includes stations like KMI2, PKI, PKIN, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ACCESS Array B, BILL Bilibino, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, J25K Satca River, H29M Whitestone, etc.

TAP 11 14:28:53.7, 22.32'N; 120.06'E, h44km, ML3.6, D
JMA 11 14:28:55.0, 0.2, 22.22'N, 120.06'E, h67km, 4km, MV3.2/10, TAIWAN REGION

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TWP Hsialiuichiu, WLCH Liuchu, KAU Kaohsiung, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RLNB Erin, RLNB Guolierlin Hig, WJL Zhushan, etc.

IDC 11 14:08:33.7, 1.6, 15.31'S x 173.94'W, h94km, 14km, mb3.7/10, mbmp3.1/13, Error ellipse: s-maj=27.2km s-min=13.2km

NEIC 11 14:08:35.1, 1.0, 15.40'S; 0.09, 173.91'W; 0.09, h104km, 6km, mb4.5/27, Error ellipse: s-maj=14.4km s-min=11.3km az=140.0

ISC 11 14:08:33.7, 0.5, 15.38'S; 0.08, 173.94'W; 0.07, h94km, n50, 0.076/51, mb4.4/26, Tongsa Islands

IDC 11 14:44:25.1, 1.8, 9.81'S; 118.78'E, h0km, mb4.0/2, mbmp3.9/6, ML3.7/4, MS2.9/1, Error ellipse: s-maj=74.1km s-min=21.0km az=58.0

NEIC 11 14:44:26.8, 1.0, 9.73'S; 0.08, 119.06'E; 0.08, h10km, 1km, mb4.1/8, Error ellipse: s-maj=13.3km s-min=12.1km

DJA 11 14:44:29.0, 0.4, 10.5'S; 4.1'119.9'E, h10km, M4.2/13, mb4.5/2, MLV4.1/13

ISC 11 14:44:26.2, 0.5, 9.77'S; 0.04, 119.04'E; 0.04, h10km, n50, 0.200/51, mb4.3/3, Sumba region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afimalu, NIUE Niue, MSVF Nonsavu, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TSWK Tungtung, TSWB Beinan, TSWG Beinan, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WBSI Waikabubak, WSI Waingapu, WSI Waingapu, etc.

11d 16h

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like FSCY Frank Sound, G, JTS Las Juntas de, and many others.

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Table with columns for station name, coordinates, elevation, and various data points. Includes stations like 128A Castleberry Fa, R55A Marlinton, and many others.

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Table with columns for station name, coordinates, elevation, and various data points. Includes stations like CHX Chaix Hills, YAH Yahtse, and many others.

BER 11 16:10:43.8 ± 1.8, 69°47'N, 28°36'E, h0km, Suspected explosion, Finland-Karelia border region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Includes stations like KEV Kevo, VADS Vadsö, and many others.

NEIC 11 16:18:43.8 ± 1.9, 60°00'N ± 0°03', 140°16'W ± 0°03', h10km, 1km, s-nrm=2.9km, az=17.0

AEIC 11 16:18:43.6 ± 1.6, 60°01'N ± 0°03', 140°16'W ± 0°03', h8km, 5km, Error ellipse: s-maj=3.9km s-min=2.0km az=192.0

PGC 11 16:18:43.8 ± 0.0, 59°97'N: 140°17'W, h4km, ML2.4/19, ML2.4(AEIC), 70km northwest of Yakutat, AK Southeastern Alaska

ISC 11 16:18:43.9 ± 1.0, 60°00'N ± 0°03', 140°16'W ± 0°02', h10km, 7km, n105, 0°973/109, Southeastern Alaska

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Includes stations like SAMH Samovar Hills, PCA Pinnacle, and many others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like M30M Minto, Yukon, M30M MENT, L26K Log Cabin Wild, etc.

WEL 11 16:41:23.5±0.8, 45°S±5'16"7E±1', h80km, 7km, M4.0/13, ML3.9/13, MLv4.0/13, Error ellipse: s-maj=8.3km

NOU 11 16:41:23.7±0.5, 159°E±16'16"E, h86km, MLv4.2/15, South Island, New Zealand

ISC 11 16:41:21.8±1.6, 45.03S±0.05, 167.48E±0.07, h110km, 10km, n78, c1531/85, South Island

Main table for station data on the left side, listing various stations and their coordinates and phases.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Don Marcelino, Fitzy Crossi, Warramunga Arr, etc.

HEL 11 17:00:46.1±0.3, 67°02'N±20'62"E, h0km, ML1.9, Explosion UPP 11 17:00:47.0±1.0, 67°06'N±20'96"E, h0km, ML2.0, Suspected explosion

IDC 11 17:00:49.0±1.6, 67°10'N±20'93"E, h0km, mbtmp2.6/3, ML1.9/3, Error ellipse: s-maj=22.5km s-min=11.0km az=109.0

ISC 11 17:00:47.0±0.7, 67.09N±0.02, 20.95E±0.02, h0km, n42, c1508/67, Sweden

Main table for station data in the middle section, listing various stations and their coordinates and phases.

NEIC 11 17:24:20.3±1.0, 47°59'N±0°05'55"W±0.04, h0km, 2km, mb_Lg2.9/29, ML3.2/24, Error ellipse: s-maj=8.1km

IDC 11 17:24:22.5±3.3, 47°57'N±92°98'W, h0km, mb2.7/1, mbtmp2.8/3, ML0.8/1, Error ellipse: s-maj=38.3km

ISC 11 17:24:17.4±0.8, 47°72'N±0°05'92'56"W±0.04, h0km, n28, c1507/21, Minnesota

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EYMN Ely, The Farm, Brul, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Thunder Bay, Marine on St, Rib Lake, etc.

IDC 11 17:31:05.7±3.4, 30.52S±177.98W, h0km, mb4.0/3, mbtmp4.0/4, ML3.0/1, Error ellipse: s-maj=71.8km

s-min=37.9km az=109.0, Keradec Islands

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

SJA 11 17:46:15.6±0.8, 34°80'S±74°06'W, h37km, 8km, ML3.6, MW3.4

GUC 11 17:46:18.2±0.7, 34°86'S±73°90'W, h24km, 6km, ML3.6

ISC 11 17:46:17.5±1.9, 34°87'S±0°04'74°09'W±0.10, h35km, n35, c1528/63, 3C, Off coast of central Chile

Main table for station data on the right side, listing various stations and their coordinates and phases.

Table with columns for station name, frequency, power, and other parameters. Includes stations like NLR, ZSN, TNS, MKAR, etc.

Table with columns for station name, frequency, power, and other parameters. Includes stations like KURK, ZALV, KULM, HALK, etc.

Table with columns for station name, frequency, power, and other parameters. Includes stations like RAYN, VORD, VSR, VORR, etc.

11d 18h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KMPD, OUL, RNP9, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NB201, NOA, NC204, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MOTA, CTI, NRCA, etc.

11d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like O30N, WTLV, V35K, etc.

IDC 11 18:24:58.3; 16.0, 1.75N; 127.53E, h122km, 162km, mb3.0/7, mtmp4.1/8, ML3.6/1, Error ellipse: s-maj=94.5km s-min=16.2km az=61.0

DJA 11 18:24:59.0; 0.7, 2 N4.4x12.7E, h118km, 8km, M3.8/1, MLV3.8/13

ISC 11 18:24:57.4; 0.9, 1.83N; 0.05x127.52E; 0.09, h112km, n16, s1861/20, mb4.1/7, Halmahera

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

IDC 11 18:31:42.4; 2.5, 1.77S; 96.96E, h0km, mb3.7/7, mtmp3.7/7, Error ellipse: s-maj=101.1km s-min=21.8km az=57.0

DJA 11 18:31:42.3; 1.0, 2 S5.5x9.7E, h10km, M4.6/20, mb5.1/2, mb4.8/6, MLV4.5/20, Mw(MB)4.5/2

ISC 11 18:31:45.5; 1.1, 1.45S; 0.09x97.4E; 0.1, h10km, n21, s1923/19, mb3.7/7, Southwest of Sumatera

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

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

AEIC 11 18:38:02.1; 2.0, 61.49N; 0.05x171.4W; 0.1, h10km, 6km, Error ellipse: s-maj=8.3km s-min=5.4km az=49.0

NEIC 11 18:38:04.3; 1.8, 61.50N; 0.05x171.4W; 0.1, h10km, 2km, mb_Lg3.3/13, ML3.8/28, ML3.7/(AEIC), Error ellipse: s-maj=9.0km s-min=7.6km az=287.0, Bering Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAMB, M11K, M11K, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATKA, D20K, H22K, etc.

IDC 11 18:48:42.0; 2.1, 4.93S; 151.68E, h104km, 16km, mb3.8/9, mtmp4.2/10, MS2.7/1, Error ellipse: s-maj=26.2km s-min=14.7km az=132.0

NEIC 11 18:48:41.1; 1.4, 4.88S; 0.07x151.68E; 0.08, h92km, 5km, mb4.3/27, Error ellipse: s-maj=13.4km s-min=7.8km az=121.0

ISC 11 18:48:41.3; 0.5, 4.91S; 0.06x151.62E; 0.07, h100km, n67, s1899/71, mb4.2/19, New Britain region

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

11d 19h

Table with columns: PAU, Pauzhetka, 6.44 40 eP, Pn, 19 45 33.3 +0.3, 19 45 33.9, etc.

IDC 11 19:46:43.5:1.8, 1.80S:139.05E, h0km, mb3.7, mbmp3.7/8, ML4.3/1, Error ellipse: s-maj=74.6km, s-min=19.6km, az=88.0

ISC 11 19:46:48.0:1.8, 1.85:0.2:139.1E:0.5, h29km, n8, c0996/8, mb3.8/6, Near north coast of Irian Jaya

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

JMA 11 19:50:19.8:0.1, 2.278N:0.5:12.1E, h31km, 3km, MV3.9/16, TAIWAN REGION

TAP 11 19:50:20.2:2.278N:121.31E, h31km, ML4.1, B

ISC 11 19:50:19.8:0.1, 2.275N:0.02:121.37E:0.02, h30km, 5km, n182, c099/303, 12C-7D, Taiwan region

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

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Main table with columns: SLIU Shizi, 0.75 225 eP, Pn, 19 50 33.6 -0.7, 19 50 42.7 -1.6, etc.

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Table with columns: ESAO, 19 50 33.6 -0.7, eS, Sn, 19 51 13.4 +1.3, 19 50 42.7 -1.6, etc.

NSSP 11 19:56:00.5:41.33N:43.93E, h10km, Ms2.9, TIF 11 19:56:59.5:41.46N:43.83E, h11km

ISK 11 19:56:59.7:41.45N:43.82E, h5km, ML3.2/10

NORS 11 19:57:00.5:41.42N:43.78E, h2km, MPV4.0

ISC 11 19:57:00.5:0.8, 41.43N:0.02:43.82E:0.02, h15km, 6km, n51, c150/92, 11C-3D, Turkey-Georgia-Armenia border region

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

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

IDC 11 21:09:41.7, 3.2, 29.10S, 177.94W, h0km, mb3.9/4, mbmp3.9/4, MS2.9/1, Error ellipse: s-maj=86.7km s-min=35.0km az=35.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, STKA, ASAR, WRA, OSPA, FINES.

IDC 11 21:27:12.9, 4.2, 44.52N, 138.71E, h285km, 42km, mb2.9/6, mbmp3.5/9, Error ellipse: s-maj=68.9km s-min=31.3km az=48.0

JMA 11 21:27:13.5, 0.3, 44.1N, 133.9E, h294km, MV3.0/17, NW OFF SHAKOTAN PEN

ISC 11 21:27:12.0, 0.8, 44.41N, 138.94E, 0.08, h300km, n20, +f13/21, mb3.0/6, Eastern Sea of Japan

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

NDI 11 21:27:21.7, 2.8, 31.01N, 95.61E, h50km, ML4.1, MW4.1, Presumed earthquake

IDC 11 21:27:26.1, 0.7, 30.24N, 94.74E, h0km, mb4.0/22, mbmp4.0/26, ML3.7/4, MS2.9/3, Error ellipse: s-maj=20.6km s-min=12.9km az=50.0

BUI 11 21:27:27.7, 30.32N, 94.88E, h6km, mb4.4/2, mb4.3/23, ML3.6/6, Ms3.6/2, Ms7.3/31

MOS 11 21:27:04.1, 30.31N, 94.82E, h14km, mb4.5/20, Error ellipse: s-maj=9.8km s-min=0km az=118.7

NEIC 11 21:27:28.7, 17.20N, 33N, 0.08, 94.79E, 0.04, h10km, 1km, mb4.4/43, Error ellipse: s-maj=13.5km s-min=3.1km az=200.0

GFZ 11 21:27:26.0, 3.30N, 33.9E, h10km, M4.6/24, mb4.4/24, confirmed

ISC 11 21:27:28.5, 0.4, 30.30N, 94.74E, 0.04, h10km, n21f, +f134/216, mb4.3/75, MS2.8/4, 4C-1D, Xizang

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTA2, CMAR, CMAR, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK, KURK, KURK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like MORH Mrgy, HFS Hagfros, MPLH Magyarpoly, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like APG El Apazote, SOKI Kika Raxquin, LCND La Caada, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like MLR Muntele Rosu, VRAC Vranov, SONM Songino Array, etc.

11d 23h

Table with columns: Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Includes stations like DSBL, DSDZ, BMD, etc.

WEL 11 22:09:42.7±0.5, 42°S, 17°4E, h10km, 5km, M3.3/31, ML3.1/8, MLV3.3/31, Error ellipse: s-maj=6.1km s-min=3.2km az=122.5, confirmed

NOU 11 22:09:43.1, 42°05'S, 174°14'E, h24km, MLV3.8/12, Off E. Coast of S. Island, N.Z.

ISC 11 22:09:39.7±1.4, 41.95S±0.05, 174.47E±0.04, h6km±11km, m62, r15/10/38, Cook Strait

Main table of seismic events with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Lists numerous stations and their recorded event details.

JMA 11 22:48:01.0±0.4, 31°N, 22°13'E, h316km±4km, MV3.9/21, NEAR TORISHIMA ISL

IDC 11 22:48:03.0±0.3, 30°83'N, 139°12'E, h279km±7km, mb3.6/26, mbtmp4.2/31, Error ellipse: s-maj=14.6km s-min=9.4km az=80.0

ISC 11 22:48:04.1±0.5, 30.82N±0.06, 139.37E±0.07, h300km±n78, r150/88, mb3.9/35, 1C, Southeast of Honshu

Table of seismic events with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Includes stations like JHCJ, JHUJ, JHJ, etc.

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Table of seismic events with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Lists stations like KLR, HILR, PETK, etc.

NDI 11 22:48:24.3±3.1, 30.71N±95.93E, h10km, ML3.8, MW3.8, Presumed earthquake

IDC 11 22:48:29.1±0.8, 30°30'N, 94°79'E, h0km, mb3.7/12, mbtmp3.7/15, ML3.6/3, MS3.9/1, Error ellipse: s-maj=35.8km s-min=14.4km az=58.0

NEIC 11 22:48:31.7±1.1, 30°4N, 01°194'81E±0.08, h10km±2km, mb4.1/16, Error ellipse: s-maj=22.0km s-min=5.0km az=29.0

GFZ 11 22:48:33.0±0.4, 30°N, 3°9'E, h10km, M4.1/13, mb4.1/13, confirmed

ISC 11 22:48:31.5±0.6, 30°41'N, 05°94'73E±0.07, h10km, n62, r147/64, mb3.9/18, Xizang

Table of seismic events with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Includes stations like ZIRO, ZIRO, etc.

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Table of seismic events with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Lists stations like TEZP, KOHI, etc.

IDC 11 23:05:46.9±2.3, 5.49S±129°7'E, h0km, mb3.4/1, mbtmp4.1/4, ML4.3/3, Error ellipse: s-maj=88.3km s-min=30.0km az=76.0, Banda Sea

FITZ 2.8km, 0.3s, baz=23, slow=11, SNR=45

FITZ 1.1nm, 0.3s, baz=100, slow=12, SNR=43

FITZ 6.3nm, 0.3s

FITZ Warramunga Arr 14.98 164 Pn 23 09 18.1 -2.0

WRA 1.9nm, 0.3s, baz=340, slow=22, SNR=10

WRA ASAR Alice Springs 18.47 169 AML P 23 10 04.5 0.0

ASAR 1.2nm, 0.3s, baz=350, slow=10, SNR=36

ASAR 1.8nm, 0.5s, baz=355, slow=28, SNR=5.3

ASAR 3.2nm, 0.4s

ASAR 1.2nm, 0.3s, baz=120, slow=7.0, SNR=1.4

ASAR 0.4nm, 0.8s

ASAR Makanchi Arr 66.95 326 P 23 16 41.4 0.0

IDC 11 23:07:23.7±0.6, 24°29'N, 122°16'E, h0km, mb4.0/25, mbtmp4.0/29, ML3.5/4, MS3.4/12, Error ellipse: s-maj=13.2km s-min=12.3km az=112.0

BUI 11 23:07:24.9±19N, 122.79E, h9km, mb4.4/11, mb4.3/35,

ML4.5/3, Ms4.2/29, Ms7.4/0/30
 JMA 11 23:07:26.5, 0.2, 24°N, 1°E, 122°3E, 0.5, h18km, 2km,
 MD4.6/16, MV4.5/16, NW OFF ISHIGAKIJIMA IS
 JMA Felt 1, J1 at NW OFF ISHIGAKIJIMA IS
 GFZ 11 23:07:26.2, 0.3, 24°N, 4°E, 122°3E, 1.0, h10km, M4.6/12,
 mb4.6/12, Error ellipse: s-maj=8.6km s-min=6.0km
 az=155.8, confirmed
 NEIC 11 23:07:26.8, 1.7, 24°22'N, 0°05', 122°75'E, 0.06, h15km, 4km,
 mb4.5/39, Error ellipse: s-maj=9.7km s-min=5.4km
 az=129.0
 NIED 11 23:07:26.5, 24°19'N, 122°77'E, h18km, MW4.5, Moment
 Tensor Solution, s1 Moment tensor, Scale: 0.15N/m
 M1=2.72; M2=1.92; M3=0.80; M4=5.03; M5=2.09; M6=0.20;
 Fault plane solution: Ms5.96000x10¹⁵ NP1:
 p333.00000°, s23.00000°, x-38.00000°. NP2:p89.00000°,
 s76.00000°, x-109.00000°.

TAP 11 23:07:26.1, 24°25'N, 122°94'E, h39km, ML4.9, D
 ISC 11 23:07:26.7, 0.6, 24°20'N, 0°02', 122°79'E, 0.01, h18km, 3km,
 n294, s1916/392, mb4.3/60, MS3.3/12, 2C-4D, Taiwan

Code	Station Name	Δ	AZ	Phase ID	ISC	Time	Res
JYNG	Yonagunijimaku	0.29	30	Op	Pb	23 07 33.0	-0.4
JYNG	Yonagunijimaku	0.33	38	S	Sb	23 07 37.9	+0.1
YOJ	Yonagunijima	0.33	38	P	Pb	23 07 33.7	-0.4
YOJ	Yonagunijima	0.33	38	P	Pb	23 07 33.9	-0.2
YOJ	Yonagunijima	0.33	38	P	Pb	23 07 39.5	+0.4
YOJ	Yonagunijima	0.33	38	P	Pb	23 07 33.8	-0.2
YOJ	Yonagunijima	0.33	38	P	Pb	23 07 33.8	-0.2
YOJ	Yonagunijima	0.33	38	P	Pb	23 07 38.8	-0.2
YOJ	Yonagunijima	0.33	38	P	Pb	23 07 34.0	-0.2
IRIF	Iriomote-Funau	0.87	81	P	Ag	23 07 43.1	-0.6
IRIF	Iriomote-Funau	0.87	81	P	Ag	23 07 43.1	-0.6
ESAO	Su ao	0.94	294	Op	Pb	23 07 55.4	-0.9
ESAO	Su ao	0.94	294	Op	Pb	23 07 44.1	-0.3
HATJ	Hateruma jima	0.94	99	P	Pb	23 07 56.3	-0.3
HATJ	Hateruma jima	0.94	99	P	Pb	23 07 44.5	-0.5
HATJ	Hateruma jima	0.94	99	P	Pb	23 07 44.5	-0.5
HATJ	Hateruma jima	0.94	99	P	Pb	23 07 57.3	-0.1
TWC	Suao	0.95	295	P	Pb	23 07 43.5	-0.1
EWUT	Wuta	0.95	285	P	Pb	23 07 44.2	-0.5
EWUT	Wuta	0.95	285	P	Pb	23 07 45.9	+0.5
EAHA	Aohua	0.96	278	P	Pb	23 07 44.6	-0.3
EGS	Fush Village	1.01	310	P	Pb	23 07 46.4	+0.4
ETL	Fush Village	1.06	268	Op	Pg	23 07 47.2	-0.2
ETL	Fush Village	1.06	268	Op	Pg	23 07 47.2	-0.2
ETL	Fush Village	1.06	268	Op	Pg	23 08 02.5	+1.3
NDS	Dongshan	1.07	294	P	Pb	23 07 46.2	-0.5
NDS	Dongshan	1.07	294	P	Pb	23 08 01.1	-0.1
TWB1	Santiao Chiao	1.08	318	Op	Pg	23 07 46.8	-0.9
TWB1	Santiao Chiao	1.08	318	Op	Pg	23 07 59.5	-1.2
NTC	Toucheng	1.09	307	Op	Pg	23 07 46.7	-0.4
NTC	Toucheng	1.09	307	Op	Pg	23 08 01.4	-0.3
NACB	Ninganchiao	1.09	269	Op	Pg	23 07 47.3	-0.5
NACB	Ninganchiao	1.09	269	Op	Pg	23 07 46.6	-0.4
NACB	Ninganchiao	1.09	269	Op	Pg	23 07 47.2	-0.7
NACB	Ninganchiao	1.09	269	Op	Pg	23 08 02.6	+0.9
NACB	Ninganchiao	1.09	269	Op	Pg	23 07 47.0	-0.2
TWD	Chiawan	1.09	264	Op	Pg	23 07 46.9	-0.3
TWD	Chiawan	1.09	264	Op	Pg	23 08 02.6	+0.6
ILA	Ilan	1.10	301	P	Pg	23 07 47.6	-0.4
ILA	Ilan	1.10	301	P	Pg	23 08 02.2	+0.2
HWA	Hwalien	1.10	258	Op	Pg	23 07 47.3	0.0
HWA	Hwalien	1.10	258	Op	Pg	23 08 04.0	+1.4
JKRS	Kuro-shima	1.12	88	A	Ag	23 07 47.5	-0.8
JKRS	Kuro-shima	1.12	88	A	Ag	23 07 47.5	-0.8
JKRS	Kuro-shima	1.12	88	A	Ag	23 08 02.5	-0.5
TEYL	Yanliu Villag	1.14	253	Op	Pg	23 07 47.5	-0.3
TEYL	Yanliu Villag	1.14	253	Op	Pg	23 08 03.7	0.0
TWE	Neicheng	1.14	297	Op	Pg	23 07 47.1	-0.4
TWE	Neicheng	1.14	297	Op	Pg	23 08 02.1	-0.4
TIPB	Shuangxi	1.16	311	P	Pn	23 07 47.8	-0.4
TIPB	Shuangxi	1.16	311	P	Pn	23 08 04.3	-0.2
ETHL	Xiulin Townshi	1.19	270	Op	Pg	23 07 48.7	-0.1
ETHL	Xiulin Townshi	1.19	270	Op	Pg	23 08 06.1	+0.6
ETHL	Xiulin Townshi	1.19	270	Op	Pg	23 07 48.6	-0.4
SHUL	Shoufeng	1.19	250	Op	Pg	23 08 04.9	-0.5
LATG	Datong	1.20	286	Op	Pg	23 07 48.6	-0.4
ETM	Tongmen	1.21	259	Op	Pg	23 07 48.3	-0.4
SK11	Grass Mountain	1.22	317	Op	Pg	23 07 48.2	-0.2
SK11	Grass Mountain	1.22	317	Op	Pg	23 08 05.9	+1.2
FUSB	Fushanzhiwuyua	1.23	297	Op	Pg	23 07 49.2	-0.2
FUSB	Fushanzhiwuyua	1.23	297	Op	Pg	23 08 04.8	-0.4
NDT	Datong Townshi	1.23	289	Op	Pg	23 07 49.5	0.0
NDT	Datong Townshi	1.23	289	Op	Pg	23 08 04.9	-0.3
TEGC	Jichi Village	1.24	247	Op	Pg	23 07 48.8	-0.4
TEGC	Jichi Village	1.24	247	Op	Pg	23 08 01.9	-0.1
JCHU	Ishigaki jima	1.25	82	Op	Pg	23 07 48.6	-0.7
JCHU	Ishigaki jima	1.25	82	Op	Pg	23 07 48.6	-0.7
JCHU	Ishigaki jima	1.25	82	Op	Pg	23 08 05.2	-0.3
JCHU	Ishigaki jima	1.25	82	Op	Pg	23 08 07.0	-0.6
JCHU	Ishigaki jima	1.25	82	Op	Pg	23 07 49.6	-0.1
JCHU	Ishigaki jima	1.25	82	Op	Pg	23 08 07.2	-0.6
ESL	Shilin	1.30	253	P	Pn	23 07 49.4	-0.6
ESL	Shilin	1.30	253	P	Pn	23 08 06.7	-0.2
NNSB	Datong	1.30	280	Op	Pg	23 07 50.0	-0.2
NNSB	Datong	1.30	280	Op	Pg	23 08 08.6	-0.3
NWLT	Wulai	1.30	296	Op	Pg	23 07 50.8	-1.1
NWLT	Wulai	1.30	296	Op	Pg	23 08 07.2	+0.2
NNS	Nan Shan	1.31	281	Op	Pg	23 07 50.1	-0.2
TNOU	National Taiwa	1.32	316	Op	Pg	23 07 49.9	-0.7
TNOU	National Taiwa	1.32	316	Op	Pg	23 08 06.7	-0.9
TWA	Mucha	1.34	305	Op	Pg	23 07 51.5	-1.2
TWA	Mucha	1.34	305	Op	Pg	23 08 08.7	-1.5
YHNB	Yeheng	1.37	290	Op	Pg	23 07 51.5	-0.4
YHNB	Yeheng	1.37	290	Op	Pg	23 08 08.2	-0.6
YHNB	Yeheng	1.37	290	Op	Pg	23 07 51.9	-0.6
YHNB	Yeheng	1.37	290	Op	Pg	23 07 51.9	-0.6
YHNB	Yeheng	1.37	290	Op	Pg	23 08 09.3	+0.2
YHNB	Yeheng	1.37	290	Op	Pg	23 07 51.8	0.0
WARBT	Fenglin Townsh	1.37	250	Op	Pg	23 07 50.3	-0.7
WARBT	Fenglin Townsh	1.37	250	Op	Pg	23 08 10.1	-0.9
NHHD	Xindian Distri	1.38	304	Op	Pg	23 07 51.0	-0.1
NHHD	Xindian Distri	1.38	304	Op	Pg	23 08 09.8	-1.5
NSK	Sanguang	1.39	290	Op	Pg	23 07 52.1	-0.1
NSK	Sanguang	1.39	290	Op	Pg	23 08 09.5	-0.1
WHF	Hahuan Shan	1.39	268	Op	Pg	23 07 51.7	+0.1
FUSS	Fushou	1.41	272	Op	Pg	23 07 52.5	-0.2
FUSS	Fushou	1.41	272	Op	Pg	23 07 51.1	-1.3
TATO	Taipei	1.41	303	P	Pb	23 07 52.1	-0.4
TATO	Taipei	1.41	303	P	Pb	23 08 10.2	0.0
TATO	Taipei	1.41	303	Pn	Pb	23 07 51.9	-0.6
TATO	Taipei	1.41	303	Pn	Pb	23 07 53.3	-0.6
HGSD	Ruisui	1.44	241	Op	Pg	23 07 51.1	-0.7
JISG	Ishigakijimahi	1.44	74	P	Pn	23 07 51.3	-0.7
JISG	Ishigakijimahi	1.44	74	P	Pn	23 07 51.3	-0.7
JISG	Ishigakijimahi	1.44	74	P	Pn	23 08 09.4	-1.0
JISG	Ishigakijimahi	1.44	74	P	Pn	23 07 53.1	0.0
JISG	Ishigakijimahi	1.44	74	P	Pn	23 07 51.9	-0.4
TWT	Tachien	1.47	272	Op	Pg	23 07 54.0	+0.3
ZUZH	Zhuzhiu	1.48	310	Op	Pg	23 07 53.8	0.0
TDCB	Techi	1.49	272	Op	Pg	23 07 53.8	-0.2
OWD	Renai	1.49	261	Op	Pg	23 07 52.8	0.0
OWD	Renai	1.49	261	Op	Pg	23 08 12.5	-0.2
EYH	Wanrong	1.50	242	Op	Pg	23 07 53.2	+0.4
EYH	Wanrong	1.50	242	Op	Pg	23 08 12.8	+0.1
ECBN	Changbin	1.51	234	Op	Pg	23 07 52.3	-0.6
ECBN	Changbin	1.51	234	Op	Pg	23 08 11.0	-1.2
EHY	Hungye	1.51	243	Op	Pg	23 07 52.7	-0.3
EHY	Hungye	1.51	243	Op	Pg	23 08 13.3	+0.2
TWY	Chenhua	1.52	315	Op	Pg	23 07 53.5	-0.8
WUSB	Renai	1.54	262	Op	Pg	23 07 53.9	+0.4
PCYT	Pengchayiu	1.56	336	Op	Pg	23 07 53.3	-0.3
KSHI	Guanxi Townshi	1.57	292	Op	Pg	23 07 56.7	-0.3
KSHI	Guanxi Townshi	1.57	292	Op	Pg	23 07 56.7	-0.3
NFF	Wufeng Townshi	1.58	286	Op	Pg	23 07 56.0	-1.2
YULB	Yu-li	1.59	240	P	Pn	23 07 53.7	-0.3
YULB	Yu-li	1.59	240	P	Pn	23 08 13.9	-0.1
YULB	Yu-li	1.59	240	Pn	Pn	23 07 53.1	-0.9

YULB	Yu-li	1.59	240	P	Pn	23 07 53.5	-0.5
YULB	Yu-li	1.59	240	P	Pn	23 08 14.7	+0.6
YULB	Yu-li	1.59	240	P	Pn	23 07 53.5	-0.5
EYUL	Yuli	1.59	238	Op	Pb	23 07 53.8	-0.3
EYUL	Yuli	1.59	238	Op	Pb	23 08 15.2	+0.3
TWFI	Yuli	1.61	238	Op	Pb	23 07 53.7	-0.6
TWFI	Yuli	1.61	238	Op	Pb	23 08 15.4	-0.4
LIOB	Emei	1.67	286	Op	Pg	23 07 58.0	-1.0
NSTT	Nanjiang	1.68	285	Op	Pg	23 07 58.1	-1.0
WHP	Taichung City	1.68	273	Op	Pb	23 07 57.2	-0.1
WHP	Taichung City	1.68	273	Op	Pb	23 08 19.5	-1.6
FULB	Fuli	1.69	234	Op	P		

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM Songino Array, LSA Lhasa, KAPI Kappang, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ELL, HFS Hagfors, NC405 NORSAR Array S, etc.

JMA 11 23:14:07.5, 0.1, 24°N, 122°7'E, 0.5, h15km, 2km, MV2.9/12, NW OFF ISHIGAKI, JMA IS

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JYNG Yonagunijimaku, YJYC Yonaguni jima, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NFF Wufeng Townshi, YULB Yu-li, YULI Yuli, etc.

KRNET 11 23:15:38.0, 0.1, 41°60'N, 74°77'E, h25km, mb3.0

NNC 11 23:15:38.6, 1.1, 41°66'N, 74°73'E, h0km, mb3.7, mpv3.3

SOME 11 23:15:38.7, 41°63'N, 74°75'E, h15km

KRNET 11 23:15:39.4, 0.6, 41°58'N, 74°84'E, h18km, 4km, ml2.2, Error ellipse: s-maj=5.9km, s-min=2.6km, az=16.0

ISC 11 23:15:36.0, 1.1, 41°51'N, 0°02'74.82E, 0.02, h12km, 10km, n68, c1548/116, 31C-30Z, Kyrgyzstan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UCH Uchtor, NRR Naryn, SALK Salom-Alik, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KOPR, GANJ, DGRG, etc.

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AKASG, AKBB, AKBB, etc.

Table with columns: YKA, PDAR, Station Name, Time, Res, ISC. Includes Yellowknife Ar and Pinedale Array.

TAP 11 23:29:35.9, 24'23"N:122'75E, h11km, ML3.2, C
JMA 11 23:29:36.5, 0.2, 24' N: 122' 8E: 0.6, h16km, 3km,
MV2.8/12, NW OFF ISHIGAKIJIMA IS

ISC 11 23:29:35.5, 1.0, 24'22"N:0.03:122'78E:0.02, h16km, 9km,
n71, 0.62/116, Taiwan region

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists stations like YONG, YONAGUNI, EIOS, etc.

NOU 11 23:42:38.3, 23'72S:174.29W, h36km, mb4.7/14, Tonga Islands Region
GFZ 11 23:42:41.9, 0.2, 24' 5.5' x 17' 6W, h10km, M5, 0/21,
mb5.0/21, Error ellipse: s-maj=10.9km s-min=8.5km
az=173.3, confirmed

IDC 11 23:42:41.1, 0.5, 23' 83S:176.06W, h0km, mb4.5/18,
mbmp4.5/20, ML4.9/2, MS4.5/42, Error ellipse:
s-maj=16.6km s-min=12.4km az=132.0

NEIC 11 23:42:42.3, 1.7, 23' 9S:0.1x:175.6W:0.1, h10km, 1km,
mb5.0/55, Error ellipse: s-maj=22.2km s-min=14.4km
az=125.0

GCMT 11 23:42:46.3, 0.2, 23' 93S:0'01:175.34W:0.01, h20km,
MW5.2/122, Moment Tensor Solution, s96 c150,
s122, c199. Duration: 0 Moment tensor: C1016Nm;
Mw=3.36±.15; Mo=0.70±.10; Mo=4.66±.10; Mo1.65±.21;
Mw=1.31±.06; Mw=3.77±.19; Best double couple:
M6.63600x1016 NP1=93.00000°, δ26.00000°,
λ83.00000°. NP2=α2.100000°, δ64.00000°, λ93.00000°.
Principal axes: Z = 6.8200, P1g71.0000°, Azm298.0000°; N
= 0.3320, P1g3.0000°, Azm199.0000°; P = 4.7400,
P1g19.0000°, Azm108.0000°; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

ISC 11 23:42:42.8, 0.6, 23'91S:0'06:175.61W:0'07, h15km, 3km,
h15km: pP, 267, r, 1560/236, mb4.9/83, MS4.7/60, 8C-6D,

Tonga Islands region

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists stations like NIUE, MSVF, AFI, RAR, etc.

Main station list table with columns: Code, Station Name, Time, Res, ISC. Lists stations like WRKA, MTN, KNRA, etc.

TAP 12 00:13:35.3,24.32N,122.72E,h15km,ML3.5,C
JMA 12 00:13:35.1,0.2,24.2N,122.8E,0.6,h17km,3km,
MV3.5/13,NW OFF ISHIGAKIJIMA IS
ISC 12 00:13:34.8,1.0,24.22N,0.03,122.77E,0.02,h16km,8km,
n109,0.994/177,1C,Taiwan region

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

Table with columns: CHY, Chiayi, 2.26 252 eP, Pn, 00 14 13.3 +1.9. Lists stations like TWK, CHN1, CHN1, etc.

IDC 12 00:13:56.8,45.0,17.49S,-178.80W,h572km,83km,
mb3.2,mbtmp4.0,4. Error ellipse: s-maj=877.4km
s-min=123.6km az=80.0, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like MSVF, STKA, WRA, ASAR.

TEH 12 01:06:38.1,38.69N,48.63E,h19km,39km,ML3.0,
Presumed earthquake

AZER 12 01:06:38.8,38.78N,48.54E,h27km,m1.2,
ISC 12 01:06:40.4,0.9,38.76N,0.02,48.55E,0.03,h30km,n46,
e1910/78,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like LKRN, LKRN, LKRN, etc.

BER 12 01:57:53.7,2.5,71.36N,-3.86W,h10km,Mw3.9,
Confirmed Earthquake, Jan Yaman Island region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like DBG, DAG, LOF, etc.

Table with columns: FAUS, FAUS, 7.89 121 eP, Pn, 02 01 06.5 -9.4. Lists stations like STOK, STOK, STOK, etc.

GFZ 12 02:44:04.6,0.8,10.5S,7.10E,h10km,M4.8/9,mb5.1/9,
Error ellipse: s-maj=17.8km s-min=6.7km az=35.8,
confirmed

IDC 12 02:44:06.3,0.8,10.28S,107.68E,h0km,mb4.3/12,
mbtmp4.3/13,ML4.1/1,MS3.2/9, Error ellipse:
s-maj=40.1km s-min=14.0km az=53.0

NEIC 12 02:44:08.2,1.5,10.06S,107.90E,0.08,h10km,1km,
mb4.6/21, Error ellipse: s-maj=17.3km s-min=5.9km
az=231.0

DJA 12 02:44:10.3,2.2,10.5S,19.10E,h10km,M5.0/14,
mb6.0/1,mb5.2/1,MLV4.8/14,Mv(m)5.6/1
ISC 12 02:44:07.7,0.6,10.10S,0.07,10.92E,0.08,h10km,n85,
e157/79,mb4.6/28,MS3.1/8,1C,South of Java

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like CMJI, CMJI, CMJI, etc.

SRIG	Santa Rosalia	26.73	307	P	P	03 30 48.3 +3.1
Q52A	Bidwell	26.77	11	I	I	03 30 46.5
319A	Douglas	26.84	317	I	I	03 30 52.9
P48A	Milroy	26.85	5	I	I	03 30 45.9
P46A	Rosedale	26.80	2	I	I	03 30 46.8
P40A	Parade	27.00	354	I	I	03 30 49.6
RTBA	Rita Blanca	27.02	334	I	I	03 30 52.8
P51A	Williamsport	27.15	9	I	I	03 30 49.5
Y22A	Socorro	27.16	324	I	I	03 30 53.8
P38A	Dawn	27.28	351	I	I	03 30 51.0
R32A	Long Quarter	27.30	342	I	I	03 30 53.8
P52A	Corning	27.45	10	I	I	03 30 52.3
DUN6	Lazy B Ranch	27.48	320	I	I	03 30 59.2
Q56A	Snyder Ridge	27.53	16	I	I	03 30 54.6
ALQ	Albuquerque	27.63	327	I	I	03 30 58.2
ANMO	Albuquerque	27.63	327	LR	LR	03 43 35.4
ANMO	Albuquerque	27.63	327	P	P	03 30 54.3 +0.9
ANMO	Albuquerque	27.63	327	P	P	03 30 55.6 +2.2
O48B	Farmland	27.66	5	I	I	03 30 53.2
SFIN	Lafayette	27.66	2	I	I	03 30 53.2
O49A	Covington	27.68	7	I	I	03 30 54.1
HD1L	Hopedale	27.83	358	I	I	03 30 57.5
ACSO	Alum Creek Sta	27.90	9	I	I	03 30 56.6
MCWV	Mont Chateau	27.95	14	I	I	03 30 57.5
O52A	Adamsville	27.97	11	I	I	03 30 57.0
CBKS	Cedar Bluff	27.98	341	I	I	03 30 58.2
O53A	New Philadelphia	28.22	12	I	I	03 31 00.0
N47A	Urbana	28.24	4	I	I	03 30 58.6
O54A	Avelia	28.33	13	I	I	03 31 00.8
T25A	Trinidad	28.34	332	I	I	03 31 03.3
N49A	Columbus Grove	28.32	7	I	I	03 31 00.8
TUC	Tucson	28.42	317	P	P	03 31 01.1 +0.7
TUC	Tucson	28.42	317	P	P	03 31 01.1 +0.7
N51A	Ashland	28.66	9	I	I	03 31 05.0
N53A	Lisbon	28.83	12	I	I	03 31 04.5
PAMR	Moraine State	29.11	13	I	I	03 31 07.5
KSCO	Kaye Shedlock	29.18	337	I	I	03 31 09.0
MVL	Millersville	29.24	19	I	I	03 31 24.3
BBSR	BB Station	29.25	44	P	P	03 31 07.4 -0.2
BBSR	BB Station	29.25	44	P	P	03 31 09.6
BBSR	BB Station	29.25	44	P	P	03 31 07.0 -0.6
BBSR	BB Station	29.25	44	P	P	03 31 21.7 -0.1
L42A	Oliver, Polo	29.29	358	pP	pP	03 31 07.7
PAGS	Pennsylvania G	29.33	18	I	I	03 31 10.0
SDCO	Great Sand Dun	29.34	331	I	I	03 31 11.9
L40A	Anamos	29.43	356	I	I	03 31 09.3
L44A	Lake County Fo	29.44	1	I	I	03 31 08.7
W18A	Petrified Fore	29.61	323	I	I	03 31 16.2
PAOC	Oil Creek Stat	29.75	13	I	I	03 31 13.4
K43A	Burlington	29.97	360	I	I	03 31 14.2
S22A	4UR Ranch, Cre	29.98	330	I	I	03 31 17.8
JFWS	Jewell Farm	30.22	357	I	I	03 31 17.1
M57A	Sunshine Farm,	30.23	17	I	I	03 31 17.9
ERPA	Erie	30.26	12	I	I	03 31 18.5
MVCO	Mesa Verde	30.42	327	P	P	03 31 20.1 +2.0
K50A	Casco	30.44	8	I	I	03 31 19.2
OGNE	Ogallala	30.66	339	I	I	03 31 25.4
CPNY	Central Park	30.76	22	I	I	03 31 22.2
ODNJ	Ogdensburg	30.79	21	I	I	03 31 22.3
PAL	Palisades	30.97	21	I	I	03 31 24.2
ISCO	Idaho Springs	31.07	334	I	I	03 31 27.6
ISCO	Idaho Springs	31.07	334	P	P	03 31 25.4 +1.5
I40A	Norwalk	31.21	357	I	I	03 31 25.4
PV02	Paradox Valley	31.29	328	I	I	03 31 29.0
PV13	Radium Mtn., P	31.30	328	I	I	03 31 30.0
WSPT	Westport, CT	31.32	22	I	I	03 31 27.1
MMNY	Mt. Morris Dam	31.33	15	I	I	03 31 26.6
BINY	Binghamton	31.36	18	I	I	03 31 41.7
BINY	Binghamton	31.36	18	P	P	03 31 26.6 +0.5
PV05	Paradox Valley	31.38	327	I	I	03 31 30.9
PV03	Paradox Valley	31.39	328	I	I	03 31 29.1
PV16	Nyswonger Mesa	31.46	328	I	I	03 31 30.5
PV04	Paradox Valley	31.52	328	I	I	03 31 31.1
PNPY	Mohonk Preserv	31.55	21	I	I	03 31 29.4
PV22	Blue Mesa, Par	31.57	328	I	I	03 31 33.8
PV10	Paradox Valley	31.58	328	I	I	03 31 31.1
I37A	Lemond, Waseca	31.58	353	I	I	03 31 43.1
MACA	Manacapuru-AM	31.63	118	eP	P	03 31 29.3 +0.6
L59A	Walton	31.64	19	I	I	03 31 44.4
PV21	Cone Mts., Par	31.68	328	I	I	03 31 37.4
K57A	Scipio Center	31.70	17	I	I	03 31 29.6
H43A	Windswept, Lux	31.73	1	I	I	03 31 29.0
K5CT	Kent School, K	31.75	21	I	I	03 31 46.0
ECSD	EROS Data Cent	31.81	349	I	I	03 31 32.6
ECSD	EROS Data Cent	31.81	349	P	P	03 31 29.4 -0.6
M63A	Gales Ferry	32.01	23	I	I	03 31 33.6
HMU	Henry Mountain	32.17	326	I	I	03 31 37.7

HAYD	Hayden	32.38	332	I	I	03 31 38.5
J57A	Williamstown	32.47	17	I	I	03 31 52.0
G40A	Rib Lake	32.57	358	I	I	03 31 37.0
L61B	Northampton	32.67	22	I	I	03 31 38.5
PKCU	Pink Cliffs	32.72	323	I	I	03 31 41.8
SRU	San Rafael Swe	32.90	327	I	I	03 31 43.0
J59A	Pleasant	32.96	19	I	I	03 31 56.5
SADO	Sadowa	32.98	12	LR	LR	03 44 39.6
F42A	Maple Grove Fa	33.02	0	I	I	03 31 40.0
MTPU	Mount Pierson	33.05	324	I	I	03 31 45.0
PFO	Pinyon Flats O	33.06	314	LR	LR	03 45 58.1
PFO	Pinyon Flats O	33.06	314	P	P	03 31 42.3 +1.0
DELO	Deloro Mine	33.08	14	I	I	03 31 42.3
P18A	Preston Nutter	33.13	328	I	I	03 31 45.6
P17A	Butcher Ranch,	33.28	327	I	I	03 31 46.2
RDMU	Red Mountain	33.51	330	I	I	03 31 48.9
BUKO	Buck Lake	33.58	11	I	I	03 32 00.1
LONY	Lake Ozonia	33.98	18	I	I	03 32 04.9
WBO	Williamsburg	34.13	17	I	I	03 32 05.8
MPU	Maple Canyon	34.14	327	I	I	03 31 54.7
RSSD	Black Hills	34.16	340	P	P	03 31 51.7 +0.8
RSSD	Black Hills	34.16	340	I	I	03 31 53.7
RSSD	Black Hills	34.16	340	P	P	03 31 52.3 +1.4
RSSD	Black Hills	34.16	340	P	P	03 31 52.2 +1.4
RSSD	Black Hills	34.16	340	x	x	03 32 08.2
PSUT	Pine Spring	34.35	323	I	I	03 31 56.1
MWC	Mont Wilson	34.52	314	I	I	03 32 07.3
FLET	Fletcher	34.59	19	I	I	03 32 10.0
NOQ	North Oquirrh	34.86	328	I	I	03 31 59.9
DUG	Dugway, Tooele	34.90	326	P	P	03 31 59.1 +1.9
LPAZ	La Paz	34.99	145	P	P	03 31 59.3 +0.6
LPAZ	La Paz	34.99	145	P	P	03 46 42.2
LPAZ	La Paz	34.99	145	eP	P	03 31 59.4 +0.7
BW06	Boulder Array	35.21	332	I	I	03 32 01.5
PD31	Pinedale Array	35.21	332	I	I	03 32 01.5
PDAR	Pinedale Array	35.21	332	P	P	03 32 00.5 +0.5
PDAR	Pinedale Array	35.21	332	PcP	PcP	03 34 29.9 0.0
PDAR	Pinedale Array	35.21	332	LR	LR	03 50 48.2
PDAR	Pinedale Array	35.21	332	P	P	03 32 06.0 +0.7
HYWT	Hardware Ranch	35.28	329	P	P	03 32 01.6 +1.2
EMUN	Emery	35.31	356	P	P	03 31 59.1 -1.3
EYMN	Elko	35.46	17	pP	pP	03 32 13.5 -1.3
TRQ	Mont Tremblant	35.46	17	I	I	03 32 17.4
GRAC	Grapevine Rang	35.57	318	I	I	03 32 06.7
WVL	Waterville	35.62	23	I	I	03 32 19.9
PB16	IPCC Station P	35.94	149	P	P	03 32 08.5 +1.8
PB16	IPCC Station P	35.94	149	P	P	03 32 07.6 +0.9
MDP	Montagnes des	36.01	99	LR	LR	03 48 18.7
HVU	Hansel Valley	36.02	328	I	I	03 32 11.3
YES	Vestal, Richgr	36.08	315	I	I	03 32 10.5
AGMN	Agassiz Natl	36.11	351	P	P	03 32 06.8 -0.4
PKME	Peaks-Kenny Pk	36.35	23	I	I	03 32 10.6
VLDQ	Val d'Or	36.52	12	I	I	03 32 25.4
ITTB	Itaituba	36.53	116	eP	P	03 32 20.3 -2.9
FXWY	Fox Creek	36.56	332	I	I	03 32 14.2
ELK	Elko	36.62	325	LR	LR	03 48 48.4
H17A	Grant Village	36.95	333	I	I	03 32 19.4
YPP	Pitchstone Pla	36.96	333	I	I	03 32 22.4
G65A	Princeton	36.97	25	I	I	03 32 16.2
NVAR	Mini Array Bea	37.01	319	P	P	03 32 16.9 +1.6
NVAR	Mini Array Bea	37.01	319	PcP	PcP	03 34 36.7 +1.4
NVAR	Mini Array Bea	37.01	319	ScP	ScP	03 38 19.8 +2.2
NVAR	Mini Array Bea	37.01	319	LR	LR	03 48 55.0
LHV	Little Hootoon	37.03	319	I	I	03 32 19.2
LAO	LASSA Array	37.15	340	I	I	03 32 19.5
F64A	Sherman	37.21	23	I	I	03 32 17.7
GO01	Chusmiza	37.22	149	P	P	03 32 18.7 +1.2
GO01	Chusmiza	37.22	149	P	P	03 32 29.4
GO01	Chusmiza	37.22	149	P	P	03 32 17.6 +0.1
BMN	Battle Mountai	37.56	323	I	I	03 32 23.6
HULI	Fort Hunter Li	37.67	314	I	I	03 32 24.1
VILB	Vilner	37.74	131	P	P	03 32 21.8 +0.2
VILB	Vilnera	37.74	131	eP	P	03 32 21.4 -0.1
LMQ	La Malbaie	37.94	20	I	I	03 32 23.4
D62A	Allapoint, All	37.98	22	I	I	03 32 39.1
ULM	Lac du Bonnet	38.02	352	P	P	03 32 22.2 -1.2
ULM	Lac du Bonnet	38.02	352	PcP	PcP	03 34 37.5 -0.4
ULM	Lac du Bonnet	38.02	352	LR	LR	03 50 17.7
HLID	Hailey	38.14	329	I	I	03 32 29.3
HLID	Hailey	38.14	329	P	P	03 32 24.4 -0.3
BCYI	Bear Canyon	38.19	331	I	I	03 32 28.9
PNTR	Pine Nut	38.21	319	I	I	03 32 30.8
HAL	Halifax	38.28	29	I	I	03 32 26.9
SIV	San Ignacio	39.19	136	P	P	03 32 33.8 +0.2
SIV	San Ignacio	39.19	136	PcP	PcP	03 34 41.4 -0.8
SIV	San Ignacio	39.19	136	LR	LR	03 48 20.5
BATG	Bathurst New B	39.27	24	I	I	03 32 34.9
WVOR	Wild Horse Val	39.65	324	P	P	03 32 37.1 -0.2

CLDB	Colider	39.86	124	eP	P	03 32 38.3 -0.9
CLDB	Colider	39.86	124	P	P	03 32 37.9 -1.4
CLDB	Circle Bar Ran	40.16	325	pP	pP	03 32 51.6 -2.2
J08A	Circle Bar Ran	40.16	325	I	I	03 32 48.5
PTLB	Pontes e Lacer	40.16	133	eP	P	03 32 41.6 -0.1
O03E	Paynes Creek	40.30	319	P	P	03 32 43.9 +1.2
MSO	Missoula	40.33	333	I	I	03 32 44.7
ICQ	Pointe Anglais	40.68	21	P	P	03 32 45.5 -0.3
ICQ	Pointe Anglais	40.68	21	I	I	03 32 45.6
JTMT	Jette	41.18	333	P	P	03 32 50.3 +0.3
F10A	Beach Ranch, E	41.19	329	P	P	03 32 51.0 +0.4
F10A	Beach Ranch, E	41.19	329	I	I	03 32 52.7
YBH	Yreka Blue Hor	41.67	321	LR	LR	03 51 53.3
J04A	Umpqua Nationa	42.17	323	I	I	03 33 01.9
LDM	Libby Dam	42.17	333	I	I	03 32

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AKASG Malin Array Be, GERES GERESS Array B, CMAR Chiang Mai Arr, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PB07 IPOC Station P, CPUP Villa Florida, LPAZ La Paz, SNAAS Sanae, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arra.

SJA 12 05:03:58.8,0.8,27.82S:69.33W,h121km,4km,ML3.6, MW3.6
IDC 12 05:04:00.7,6.1,27.88S:69.06W,h103km,46km,mb3.8/2, mbmp3.9/4, Error ellipse: s-maj=7.1km s-min=21.7km az=117.0
NEIC 12 05:04:00.5,1.8,27.89S:0.05:69.29W,0.08,h104km,7km, mb4.3/3, Error ellipse: s-maj=11.0km s-min=7.3km az=100.0

TORD Torodi Arr Bea 79.84 69 P
TORD Torodi Arr Be 79.84 69 Iamb Iamb
WRA Warramunga Arr 127.29 298 PKP PKIKP
KURBB Kurchatov Arr 146.66 38 PKPbc PKIKP
KURK Kurchatov 146.66 38 PKP PKIKP
ZALV Zalesovo Beam 147.73 29 PKPbc PKFab
MKAR Makanchi Arr 150.76 42 PKPbc PKIKP

IDC 12 05:41:39.6,0.7,31.06N:130.41E,h148km,6km,mb3.8/26, mbmp4.2/30, Error ellipse: s-maj=12.5km s-min=7.3km az=101.0
NEIC 12 05:41:41.8,1.3,31.13N:130.06:130.3E:0.1,h156km,5km, mb4.4/57, Error ellipse: s-maj=14.0km s-min=8.1km az=113.0
GFZ 12 05:41:41.2,0.3,31.1N:130.4E:0.7,h156km,3km,M4.5/25, mb4.5/25, Error ellipse: s-maj=11.9km s-min=8.0km az=133.7, confirmed

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for G003 Copiapo, G003 Copiapo, G003 Copiapo.

UCR 12 05:07:48.8,0.8,10.36N:86.32W,h18km,4km,MW4.0, CATAC 12 05:07:48.1,0.6,10.1N:83.8W,h10km,5km,M3.6/19, MLV3.6/19, Error ellipse: s-maj=7.4km s-min=5.2km az=13.7, confirmed
ISC 12 05:07:48.7,1.6,10.37N:80.46:29W,0.05,h8km,10km, n83,c089/103,24C,Off coast of Costa Rica

IDC 12 05:41:42.0,31.15N:130.40E,h150km,MW4.0,Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm, M0:0.40, Mw:0.19, Mx:0.21, My:0.21, Mz:0.25; Fault plane solution: M1:2.0000*10^15 NP1: p=188.00000; s2:7.00000; A:2.600000. NP2:q=75.00000; s3:0.00000; A:1.15.00000
JMA 12 05:41:42.0,0.1,31.2N:130.4E:0.7,h150km,1km, MW3.6/38, SATSUMA PENINSULA REGION
ISC 12 05:41:41.1,0.6,31.11N:130.04:130.34E:0.06,h158km,5km, n168,c089/173,mb4.3/91,Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for G003 Copiapo, AC02 Maricunga, AC02 Maricunga.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SACU Santa Cruz, DELF Fidelia, ALIBA Liberia Airpor, NICU Nicoya, NICO Nicoya.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JSU Suzuyama, JSU Suzuyama, JSU Suzuyama, JTSR Tashiro 2, JTN Tanegashima 3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AC02 Maricunga, VCA Vinchina, VCA Vinchina, VCA Vinchina, VCA Vinchina.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ERIA Liberia, CMARA Lajas Hojancha, CMARA Lajas Hojancha, CMARA Lajas Hojancha, LAPC Finca la Perla.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JTSR Tashiro 2, JTN Tanegashima 3, JSJ Shimokoshiki, JMNTN Minamitane, JYAK Yakushimairau.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AC05 El Transito, AC05 El Transito, AC05 El Transito, AC05 El Transito.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BUAI Buenos Aires, NYURE Nandayure, PEJA Penjamo Buenos, COC Concha, CARN Rivas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AC04 Llanos de Chal, AC04 Llanos de Chal, AC04 Llanos de Chal, AC04 Llanos de Chal.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MESS Mesas, CUI Cuipilapa, CUI Cuipilapa, HORNC Hornillas, HORNC Hornillas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AC04 Llanos de Chal, LCO Las Campanas, LCO Las Campanas, LCO Las Campanas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CLARA Aguas Claras, CNAS Canas, VMAR Armeria, Volca VMAR, TAMP Tierras Morena.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LCO Las Campanas, LCO Las Campanas, LCO Las Campanas, LCO Las Campanas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JAPAN AI SSO del Vol, JAPAN AI SSO del Vol, TILA Tilaran, JUNT Juntas, JUNT Juntas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AC01 Pan de Azucar, AC01 Pan de Azucar, AC01 Pan de Azucar, AC01 Pan de Azucar.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TENO El Achiotte, UPAL Upala, UPAL Upala, UPAL Upala, COTE Lago Cote.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AC01 Pan de Azucar, CO01 Juntas del Tor, CO01 Juntas del Tor, CO01 Juntas del Tor.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for QUEB Quebradon, Cot 1.39 79 eP, MTEVE Monteverde, PAQE Paquera, TABAC Tabaco.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CO01 Juntas del Tor, AROD Rodeo, AROD Rodeo, AROD Rodeo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for VAREZ V. Arenal, CEDE Laguna Cededo, NANN Nandamaso, NANN Nandamaso, VACR Volcan Arenal.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AHML Horco Molle, CO02 Combarbal, CO02 Combarbal, CO02 Combarbal.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WACR Volcan Arenal, FORC Fortuna, LCHIL Los Chiles, WILN Americas 2, WILN Americas 2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami.

Table with columns: ASAR, Alice Springs, 54.57 176, P, P, 05 50 54.2 +1.2, MORH Mrgy, Hungar, 81.39 319, P, P, 05 53 40.2 +0.1, WINA Alland / Wiene, 81.65 322, eP, P, 05 53 42.7 +1.2, RONA Rosalia, 81.78 321, eP, P, 05 53 43.2 +1.0, CONA Conrad Oberva, 81.87 322, eP, P, 05 53 43.8 +1.1, GOREX Moxa, 82.30 326, eP, P, 05 53 45.1 +0.3, MOXES GERESS Array B, 82.42 323, P, P, 05 53 45.3 -0.3, MOA Molin, 82.76 322, eP, P, 05 53 48.2 +0.9, MOA Molin, 82.76 322, eP, P, 05 53 48.2 +0.9, GRA3 Gralesberg Arr, 83.02 325, P, P, 05 53 49.4 +0.8, SESA Seetaler Alpe, 83.06 322, eP, P, 05 53 49.7 +0.6, SOKA Soboth, 83.09 321, eP, P, 05 53 49.4 +0.3, OBKA Obir, 83.45 321, eP, P, 05 53 51.0 0.0, OBKA Obir, 83.45 321, P, P, 05 53 51.4 +0.4, LESA Schwarzleotol, 83.86 323, eP, P, 05 53 53.2 +0.2, MYKA Terra Mystica, 83.86 322, eP, P, 05 53 53.0 0.0, ACOM Acomiza, Ita, 83.98 322, P, P, 05 53 53.7 -0.1, PRED Cave del Predi, 84.02 322, P, P, 05 53 53.4 -0.5, DRE Drenchie, 84.15 321, P, P, 05 53 53.9 -0.6, FUSE Fusea, 84.34 322, P, P, 05 53 54.6 -0.8, ABTA Abfalterbach, 84.38 322, eP, P, 05 53 54.9 -0.8, EKA Eskdalemuir Ar, 85.15 335, P, P, 05 53 58.3 -0.9, CGRP Cima Grappa, 85.32 322, P, P, 05 53 60.0 -0.5, NVAR Mina Array Bea, 85.82 47, P, P, 05 54 04.3 +1.2, PDAR Pinedale Array, 88.22 40, P, P, 05 54 15.1 +0.4, ULM Lac du Bonnet, 89.25 28, P, P, 05 54 19.2 +0.2, TORD Torodi Ar, Bea, 119.30 304, PKP, PKIKP, 06 00 01.4 -0.4

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, SJA 12 05:44:38.8, 0.7, 22:86S:66:59W, h242km, 6km, ML4.4, MW4.1, IDC 12 05:44:39.6, 2.0, 3, 22:90S:66:46W, h196km, 13km, mb3.4/9, mbmp4.1/15, MS2.8/1, Error ellipse: s-maj=15.6km, s-min=10.7km az=92.0, VAO 12 05:44:39.0, 0.4, 22:85S:66:63W, h237km, mb4.3, Presumed earthquake, NEIC 12 05:44:39.6, 2.0, 22:97S:0:07:66:51W:0:09, h210km, 6km, mb4.4/8, MW4.4(GUC), Error ellipse: s-maj=12.0km, s-min=10.7km az=86.0, GFZ 12 05:44:40.3, 0.2, 23:5:2:6*7W, h224km, M4.3/14, mb4.3/14, confirmed, GUC 12 05:44:40.3, 0.5, 22:84S:66:65W, h222km, 7km, ML4.4, ISC 12 05:44:39.4, 0.4, 22:89S:0:04:66:56W:0:05, H22.2km, n179, s1550/201, mb3.8/14, 2C-4D, Jujuy Province

Table with columns: G001, G001, Chusmiza, 4.04 322, P, S, 05 46 31.9 -0.9, G001, Chusmiza, 4.04 322, P, Pn, 05 45 44.0 +1.0, G001, Chusmiza, 4.04 322, P, Pn, 05 45 44.2 +1.3, TA01, Diego Aracena, 4.08 304, eP, S, 05 45 43.0 -0.1, TA01, Diego Aracena, 4.08 304, eS, Pn, 05 46 31.4 -1.7, TA01, Diego Aracena, 4.08 304, eS, IAML, 05 46 34.5, TA01, Diego Aracena, 4.08 304, eP, Pn, 05 45 42.5 -0.6, TA01, Diego Aracena, 4.08 304, eS, Pn, 05 46 29.8 -3.2, TA01, Diego Aracena, 4.08 304, eP, Pn, 05 45 42.6 -0.4, TA01, Diego Aracena, 4.08 304, eP, Pn, 05 45 42.7 -0.4, TA02, Huaiquique, 4.22 307, eP, S, 05 45 45.4 +0.6, TA02, Huaiquique, 4.22 307, eS, Pn, 05 46 33.9 -2.2, TA02, Huaiquique, 4.22 307, eS, IAML, 05 46 39.8, TA02, Huaiquique, 4.22 307, eP, Pn, 05 45 45.1 +0.3, PB11, IPOC Station P, 4.24 317, eP, S, 05 45 45.4 +0.2, PB11, IPOC Station P, 4.24 317, eS, Pn, 05 46 35.1 -1.8, PB11, IPOC Station P, 4.24 317, eS, IAML, 05 46 36.8, PB11, IPOC Station P, 4.24 317, eP, Pn, 05 45 45.0 -0.2, PB11, IPOC Station P, 4.24 317, eS, Pn, 05 45 46.3 -2.3, PB11, IPOC Station P, 4.24 317, eP, Pn, 05 45 45.0 0.0, PB11, IPOC Station P, 4.25 317, eP, Pn, 05 45 50.2 +0.7, AC02, Maricunga, 4.57 210, eS, S, 05 46 32.7 -1.2, AC02, Maricunga, 4.57 210, P, Pn, 05 45 49.9 +0.4, AC02, Maricunga, 4.57 210, P, Pn, 05 45 50.4 +0.8, PSGCX Pisagua, 4.67 314, eP, S, 05 45 50.0 -0.4, PSGCX Pisagua, 4.67 314, eS, S, 05 46 42.9 -3.4, PSGCX Pisagua, 4.67 314, eS, IAML, 05 46 47.0, PSGCX Pisagua, 4.67 314, eP, Pn, 05 45 49.3 -1.0, PSGCX Pisagua, 4.67 314, eS, Pn, 05 46 42.0 -4.2, PSGCX Pisagua, 4.67 314, eP, S, 05 45 49.2 -1.2, PSGCX Pisagua, 4.67 314, eP, Pn, 05 45 49.4 -1.0, AC01, Pan de Azucar, 4.91 228, eP, Pn, 05 45 52.4 -0.9, AC01, Pan de Azucar, 4.91 228, eS, Pn, 05 46 37.1 -1.4, AC01, Pan de Azucar, 4.91 228, eS, IAML, 05 46 49.4, AC01, Pan de Azucar, 4.91 228, Pn, 05 45 52.7 +0.7, TINO Tinogasta, 5.24 190, eP, Pn, 05 45 58.5 +1.3, PB16, IPOC Station P, 5.30 328, eP, Pn, 05 45 59.9 +1.1, PB16, IPOC Station P, 5.30 328, P, Pn, 05 45 59.9 +1.1, PB12, IPOC Station P, 5.52 320, P, Pn, 05 45 59.8 -1.3, PB12, IPOC Station P, 5.52 320, P, Pn, 05 46 00.8 -0.3, G003 Copiapo, 5.75 215, P, Pn, 05 46 02.7 -1.1, PB18 Visiviri, 5.94 332, P, Pn, 05 46 09.1 +2.2, LPAZ La Paz, 6.73 347, P, Pn, 05 46 17.7 +0.7, LPAZ La Paz, 6.73 347, eP, Pn, 05 47 32.6 -1.9, LPAZ La Paz, 6.73 347, eP, Pn, 05 46 18.0 +1.0, LPAZ La Paz, 6.73 347, eS, Pn, 05 46 18.1 +1.1, LPAZ La Paz, 6.73 347, eS, Pn, 05 47 32.7 -1.9, LPAZ La Paz, 6.73 347, eP, Pn, 05 46 18.4 +1.5, MURT Porto Murtinho, 8.38 83, eP, Pn, 05 46 37.3 -0.2, SIV San Ignacio, 8.59 38, P, Pn, 05 46 39.2 -1.2, SIV San Ignacio, 8.59 38, eP, Pn, 05 46 39.2 -1.2, SIV San Ignacio, 8.59 38, eS, Pn, 05 46 12.5 -5.0, SIV San Ignacio, 8.59 38, eS, Pn, 05 46 12.5 -5.0, COIM Forte Coimbra, 8.69 72, eP, Pn, 05 46 40.0 -1.5, COIM Forte Coimbra, 8.69 72, eP, Pn, 05 46 41.7 -1.4, COIM Forte Coimbra, 8.69 72, eS, Pn, 05 46 41.7 -1.4, CFA Caramuru, 9.19 33, eP, Pn, 05 46 15.4 -7.1, CPUP Villa Florida, 9.07 114, P, Pn, 05 46 45.9 -0.5, CPUP Villa Florida, 9.07 114, eP, Pn, 05 46 45.9 -0.5, CPUP Villa Florida, 9.07 114, eS, Pn, 05 46 45.9 -0.5, CPUP Los Peladeros, 9.93 202, P, Pn, 05 46 57.7 -0.1, PTBL Pontes e Fonten, 10.19 45, P, Pn, 05 47 00.2 -0.7, PTBL Pontes e Lacer, 10.19 45, eP, Pn, 05 47 00.6 -0.2, AQDB Aquidauana, 10.38 79, eP, Pn, 05 47 04.9 +1.7, AQDB Aquidauana, 10.38 79, eP, Pn, 05 47 05.1 +1.9, VA03 San Esteban, 10.46 199, P, Pn, 05 47 02.8 -1.3, VA03 San Esteban, 10.46 199, P, Pn, 05 47 04.5 +0.3, MT08 Bocatoro, 10.95 195, Pn, 05 47 07.8 -2.8, MT16 CCHEN, 11.07 198, Pn, 05 47 10.8 -1.2, PSAL Palomas, Salto, 11.41 138, eP, Pn, 05 47 16.7 +0.5, WILB Wilhena, 11.58 33, Pn, 05 47 19.7 +1.2, WILB Wilhena, 11.58 33, Pn, 05 47 20.2 +1.6, MT01 Popeta, 11.69 200, P, Pn, 05 47 19.6 -0.1, SALV Santo Antonio, 12.38 58, eP, Pn, 05 47 27.1 -1.4, BO02 Sierra Bellavi, 12.43 196, P, Pn, 05 47 28.8 -0.2, BO03 Pichilemu, 12.50 201, P, Pn, 05 47 29.1 -0.7, TRCB Terra Rica, 12.84 92, Pn, 05 47 31.9 -2.4, G005 Hualane, 12.96 200, P, Pn, 05 47 35.8 +0.2, PTGB Pitanga, 13.39 101, eP, P, 05 47 42.4 -0.8, ML02 Panimavira, 13.51 197, P, P, 05 47 43.6 -0.7, ANCO Parque Anchore, 13.62 148, eP, Pn, 05 47 43.7 -0.1, ITAB Concordia, 13.77 111, eP, Pn, 05 47 48.3 +1.0, CPBS Cacapava Do Su, 13.91 125, eP, Pn, 05 47 47.3 -0.1, CPBS Cacapava Do Su, 13.91 125, eP, Pn, 05 47 48.6 -0.3, CPBS Cacapava Do Su, 13.91 125, P, Pn, 05 47 48.5 -0.3, LDASE Londrina, Braz, 14.21 95, eP, P, 05 47 52.2 -0.1, BI02 San Fabin de, 14.32 195, P, Pn, 05 47 54.2 +0.8, ARAG Araguaiana, MT, 15.64 65, eP, Pn, 05 48 08.7 +0.2, FRTB Fartura, 15.64 95, eP, Pn, 05 48 09.1 +0.5, FRTB Fartura, 15.64 95, eP, Pn, 05 48 09.0 +0.5, CLDB Colider, 15.76 42, eP, Pn, 05 48 09.8 -0.1, CLDB Colider, 15.76 42, eP, Pn, 05 48 09.4 -0.6, BB19 Bebedouro, 16.82 87, eP, Pn, 05 48 23.0 +0.4, G006 Curarahue, 17.16 193, P, Pn, 05 48 25.6 +0.9, RCLB Rio Claro- Sao, 17.57 92, eP, Pn, 05 48 30.3 -1.9, SPB Sao Paulo, 17.59 96, eP, Pn, 05 48 30.3 +0.9, SPB Sao Paulo, 17.59 96, eP, Pn, 05 48 29.7 +0.3, PET01 Itanhaem-SP, 17.73 98, eP, Pn, 05 48 31.4 +0.5, IPMB Ipameri, GO, 17.87 78, eP, Pn, 05 48 33.5 +1.0, VAO Vaihinhos, 18.05 94, P, Pn, 05 48 34.8 +0.3, GDBA SAO DESIDERIO, 18.05 67, eP, Pn, 05 48 35.1 +1.4, PLCA Paso Flores, 18.11 190, P, Pn, 05 48 36.2 +1.2, PLCA Paso Flores, 18.11 190, P, Pn, 05 48 33.2 -1.8, PLCA Paso Flores, 18.11 190, Iamb, Iamb, 05 48 37.1, PLCA Paso Flores, 18.11 190, eP, P, 05 48 34.7 -0.3, PLCA Paso Flores, 18.11 190, eP, P, 05 48 35.7 +0.7, SDBF Serra Nova Dou, 18.14 56, eP, Pn, 05 48 35.7 +0.3, BNBFS Brasilia, 18.92 71, P, Pn, 05 48 44.2 +0.3, BDFB Brasilia, 18.92 71, P, Pn, 05 48 44.8 +0.8, CANS Sao Roque de M, 18.93 86, eP, Pn, 05 48 44.8 +0.7, PMNB Patos De Minas, 19.31 81, eP, Pn, 05 48 48.3 +0.2, PMNB Patos De Minas, 19.31 81, P, Pn, 05 48 47.8 -0.3, BSCB Bom Sucesso, 20.29 89, eP, Pn, 05 48 57.1 +0.1, BSCB Bom Sucesso, 20.29 89, eP, Pn, 05 48 59.0 +0.4, MACA Manacapuru-AM, 20.42 17, eP, Pn, 05 48 58.8 -1.1, ITTB Itaipava, 21.18 31, eP, Pn, 05 49 06.3 +0.3, DIAM Diamantina, MG, 21.90 82, eP, Pn, 05 49 15.3 +0.2, M101 Montes Claros, 22.14 78, eP, Pn, 05 49 16.3 -1.0, JANB Januaria, 22.41 74, eP, Pn, 05 49 19.2 -0.6, SMTB Santa Maria do, 22.92 56, eP, Pn, 05 49 23.5 -0.8, CAMO Campos-Rs, 23.05 92, eP, Pn, 05 49 22.1 -3.3, VAO Vaihinhos, 23.05 67, eP, Pn, 05 49 25.4 +0.4, PRPB Parauapebas, 23.16 47, eP, Pn, 05 49 26.0 -0.5, ARCA Araçuaí, MG, 23.88 80, eP, Pn, 05 49 32.9 -0.1, SJMB Sao Joao De Ma, 24.07 85, eP, Pn, 05 49 34.5 -0.3, ALFO Guarapari-ES, 24.09 90, eP, Pn, 05 49 34.9 +0.1, BSFB Barra de Sao F, 24.35 85, eP, Pn, 05 49 36.8 -0.5, BSFB Barra de Sao F, 24.35 85, P, Pn, 05 49 36.7 -0.5, RIB01 Linhares ES, 24.65 87, eP, Pn, 05 49 39.8 -0.2, GUA01 Guaratinga, BA, 25.93 81, eP, Pn, 05 49 51.6 +0.1, NBM0 Muriti-CE, 30.86 64, eP, Pn, 05 50 35.2 0.0, SJG San Juan, 40.75, LR, LR, 06 11 02.7, VNA1 Neumayer-Stat, 58.26 161, eP, Pn, 05 54 11.5 +1.2, VNA1 Neumayer-Stat, 58.26 161, eS, Pn, 05 54 44.0 +1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BTLS, PDGK, and PDGK.

TIF 12 07:30:56.4, 43°19'N-41°56'E, h11km
NORS 12 07:30:57.6, 43°41'N-41°44'E, h5km, MPV4.0
ISK 12 07:30:57.2, 43°24'N-41°45'E, h2km, ML3.6,5

Main table of station data for the 2020 AUG section, listing station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for HOPE, HOPE, ORCD, etc.

Main table of station data for the 2020 AUG section, listing station names, coordinates, and various parameters.

Main table of station data for the 12d 8h section, listing station names, coordinates, and various parameters.

IDC 12 08:07:52.3-4.0, 172°85'W-179°14'W, h567km, 21km
mb2/3, mbtm3/2.4, Error ellipse: s-maj=463.3km
s-min=32.2km, Az=159.0, Fiji Islands region

ASAR Alice Springs 44.30 254 P P 08 15 13.0 +0.2
TXAR Lajitas Array 86.25 58 P P 08 19 34.8 -0.1

IDC 12 08:08:43.2.3.4, 17.90Sx178.62W, h614km, 24km, mb2.9/4, mbtmp3.8/5, Error ellipse: s-maj=205.2km

Code Station Name Az AZZ Phase ID Time Res
MSVF Nonsavu 3.17 273 P P 08 10 04.6 0.0
WRA Warramunga Arr 44.43 260 P P 08 16 01.4 -0.2

IDC 12 08:12:19.3.2.8, 21.73N, 143.13E, h309km, 28km, s-maj=13.4km, az=71.0

IDC 12 08:12:19.3.0.7, 21.71N, 143.10E, 0.2, h311km, n17, +054/17, mb3.6/11, Mariana Islands region

Code Station Name Az AZZ Phase ID Time Res
GUMO Guam 8.26 168 P P 08 14 16.5 +0.3
JOW Kunigami 14.46 294 P Pn 08 15 30.9 -0.1

IDC 12 08:12:19.3.2.8, 21.73N, 143.13E, h309km, 28km, s-maj=13.4km, az=71.0

Code Station Name Az AZZ Phase ID Time Res
WRA Warramunga Arr 42.29 192 P P 08 19 43.1 -0.2
ASAR Alice Springs 46.00 192 P P 08 20 12.1 -0.4

IDC 12 08:30:20.3.1.5, 14.11N, 92.67W, h68km, 27km, MD3.9, Presumed earthquake

SNET 12 08:30:23.1.3.4, 14.16N, 92.43W, h17km, ML3.5, Presumed earthquake

CATAC 12 08:30:26.0.0.5, 14.1N, 92.2W, h16km, 2km, M3.5/8, MLV3.5/8, Error ellipse: s-maj=6.7km s-min=3.2km az=33.7, confirmed

MEX 12 08:30:26.9.0.7, 14.45N, 92.19W, h82km, 9km, MD4.3, confirmed

IDC 12 08:30:24.0.1.7, 14.33N, 0.05, 92.39W, 0.03, h9km, n13, m6.4, c175/107, Near coast of Chiapas, confirmed

Code Station Name Az AZZ Phase ID Time Res
THIG THIG 0.59 12 eP Pn 08 30 38.7 +0.1
THIG THIG 0.59 12 iP Pn 08 30 39.0 +0.6

PETF Flores 3.54 43 iP Pn 08 31 17.9 -1.3
SARH Santa Rosa de 3.54 82 S Pn 08 32 03.0 +1.6

Code Station Name Az AZZ Phase ID Time Res
PETF Flores 3.54 43 iP Pn 08 31 17.9 -1.3
SARH Santa Rosa de 3.54 82 S Pn 08 32 03.0 +1.6

IDC 12 08:30:40.1.2.0, 7.90S, 151.10E, h0km, mb3.4/3, mbtmp3.6/4, ML1.8/1, MS2.3/1, Error ellipse: s-maj=68.2km s-min=23.6km az=147.0, New Britain region

Code Station Name Az AZZ Phase ID Time Res
PMG Port Moresby 4.17 249 P Pn 08 31 45.3 +0.2
PMG Alice Springs 22.75 225 P P 08 35 43.1 -1.0

WEL 12 08:37:11.7.0.7, 45.3S, 167.7E, h72km, 6km, M3.6/12, ML3.5/13, MLV3.6/12, Error ellipse: s-maj=5.4km s-min=3.1km az=122.3, confirmed, South Island region

Code Station Name Az AZZ Phase ID Time Res
DCZ Deep Cove 0.47 209 P Pn 08 37 25.3 +1.0
DCZ DCZ 0.47 209 S Pn 08 37 35.7 +2.1

IDC 12 09:18:19.1.3.4, 53.57N, 87.68E, h0km, mbtmp3.1/2, ML2.6/1, Error ellipse: s-maj=32.0km s-min=17.1km az=55.0

ASRS 12 09:18:17.0.1.1, 3.53S, 52N, 87.65E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Code Station Name Az AZZ Phase ID Time Res
I46RU ZALESOVO INFRA 1.73 286 I ISC 09 29 25.0
ZALV Zalesovo Beam 1.73 286 Pg Pg 09 18 50.4 +0.1

JMA 12 09:19:26.2.0.1, 25.1N, 122.4E, 0.5, h38km, 4km, MW2.5/8, NW OFF ISHIGAKIJIMA IS

TAP 12 09:19:26.2.0, 24.96N, 122.42E, h31km, ML3.2, 10C-5D, C, Taiwan region

Code Station Name Az AZZ Phase ID Time Res
TWB1 Santiao Chiao 0.40 277 Op Pn 09 19 34.1 -0.8
TWB1 TWB1 0.40 277 S Pn 09 19 39.9 -1.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HGSD Ruisui, SMLT Sun Moon Lake, EHY Hungye, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JMP Maruseppu, JCH Churui, JKK2 Kamakawa 2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like I30M comp=Z,3.0nm,0.7s, INK Inuvik, etc.

IDC 12 09:29:57.9, 7.1, 22.21S, 177.03W, h621km, 59km, mb3.4/4, mbtmp4.5, Error ellipse: s-maj=164.6km s-min=42.6km az=66.0

NOU 12 09:30:08.5, 23.04S, 179.14W, h507km, mb4.6/16, South of Fiji Islands

ISC 12 09:30:03.8, 2.8, 22.3S, 0.2-178.1W, 0.4, h600km, n16, r133/14, mb4.2/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, MSVF 2.1nm, 0.6s, bazz=270, slow=2.2, SNR=1.2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KUR comp=N,203nm,0.2s, KUR comp=E,188nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

IDC 12 10:02:50.3, 3.1, 43.67N, 145.18E, h95km, 29km, mb3.9/19, mbtmp4.2/22, MS3.3/5, Error ellipse: s-maj=20.8km s-min=17.8km az=169.0

NEIC 12 10:02:54.0, 1.1, 43.97N, 0.07-145.0E, 0.1, h113km, 8km, mb4.3/41, Error ellipse: s-maj=15.3km s-min=10.2km az=109.0

SKHL 12 10:02:55.4, 0.2, 43.60N, 145.10E, h136km, 3km, mb4.8/7, msh5.5/5

NIED 12 10:02:55.2, 43.56N, 145.19E, h135km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn:3.84, Mw:1.92; Ms:3.77, Mw:2.60; Mw:4.23; Fault plane solution: M7.04000x10^14 NP1: 0.229, 0.00000, 0.18, 0.00000, 0.96, 0.00000, NP2: 0.42, 0.00000, 0.87, 0.00000, 0.88, 0.00000

JMA 12 10:02:55.2, 0.2, 43.63N, 0.16-145.2E, 0.9, h135km, 1km, MW3.8/39, NEMURO REGION

JMA Feil II J1 at NEMURO REGION

MOS 12 10:02:55.0, 2.8, 43.60N, 145.20E, h130km, mb4.3/6, Error ellipse: s-maj=13.3km s-min=8.3km az=86.1

ISC 12 10:02:54.7, 0.6, 43.63N, 0.04-145.14E, 0.04, h134km, 4km, n139, r122/150, mb4.2/42, 2C-10D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JNSB Nemuroshibetsu, JNK Nakash, JRA Rausu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H1N2 WAKE ISLAND Hy 30.01 136 T, H1N1 WAKE ISLAND Hy 30.01 136 T, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like I30M comp=Z,3.0nm,0.7s, INK Inuvik, etc.

12d 10h

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Table with multiple columns containing station call signs (e.g., AAK, TKM2, KURS), frequencies, and other technical data. The table is organized into several vertical sections, each starting with a call sign and followed by a list of related stations and their parameters.

Table of astronomical observations for 2020 AUG, including columns for object name, coordinates, magnitude, and other parameters. Objects include AKTO, AKTY, KNGR, ARTI, etc.

Table of astronomical observations for 2020 AUG, including columns for object name, coordinates, magnitude, and other parameters. Objects include ITM, UFS, HFS, BRG, NOA, CLL, GEC, GERES, TIP, WTTA, INTR, UBR, DAVOX, VLK, MJAR, MJAJO, ESDC, ILAR, TORD, YKA, WRA, ASAR, PDAR, etc.

Table of astronomical observations for 2020 AUG, including columns for object name, coordinates, magnitude, and other parameters. Objects include NEIC, WEL, GCMT, IDC, ISC, Code, Station Name, etc.

12d 10h

Table with columns: Call Sign, Name, Time, Frequency, Mode, and other technical details. Includes stations like RPZ, RACZ, WACZ, etc.

2020 AUG

Table with columns: Call Sign, Name, Time, Frequency, Mode, and other technical details. Includes stations like WZCZ, GRUZ, HAZ, etc.

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Table with columns: Call Sign, Name, Time, Frequency, Mode, and other technical details. Includes stations like BELA, TAOE, TROLL, etc.

SOME 12 10:20:42.4, 0.1, 98N-75.43E, h10km
KNET 12 10:20:43.9, 0.8, 42.08N-75.43E, h0km, ml2.5, Error
ellipse: s-maj=6.5km s-min=3.0km az=13.0

NINC 12 10:20:43.0, 0.6, 41.99N-75.44E, h0km, mb3.5, mpv3.3,
Error ellipse: s-maj=4.9km s-min=2.1km az=173.0
KINET 12 10:20:43.2, 0.1, 41.99N-75.46E, h20km, mb3.3

ISC 12 10:20:43.1, 1.1, 41.99N-75.43E, 0.01, h2km, m11km,
n71, i1927/117, 32C-26D, Kyrgyzstan

Table with columns: Code, Station Name, Delta, Az, El, Phase ID, Time, Res, and other technical details. Includes stations like BOOM, BUOL, UHLL, etc.

AAK	6.1nm,0.3s	∩S	Sg	10 21 13.7 +0.1
AAK	7.8nm,0.4s	∩P	Pg	10 21 11.2 -0.1
AAK	Ala-Archua	∩S	Pg	10 21 10.0 +0.4
FRU1	Bishkek	∩P	Pg	10 21 02.4 -0.1
FRU1		∩S	Sb	10 21 06.6 -0.6
KST	KasteK	∩P	Pg	10 21 14.0 -0.7
KST		S	Sb	10 21 19.9 -0.6
KST	106nm,0.3s	∩S	Pg	10 21 04.0 -0.7
KST	2.7nm,0.1s	eP	Pg	10 21 19.9 -0.6
KST		eS	Pb	10 21 04.5 -0.9
CHMS	Chumysh	∩P	Pb	10 21 04.2 -1.1
CHMS	55nm,0.1s,SNR=12	∩S	Sb	10 21 19.3 -0.3
CHMS		∩S	Pg	10 21 19.3 -0.3
CHMS		∩S	Pb	10 21 07.3 -1.4
KDJ	Kajisay	∩P	Pb	10 21 24.7 -1.3
KDJ		∩S	Pn	10 21 08.2 -1.0
MTBS	Maitube	∩P	S	10 21 26.9 +0.2
MTBS	33nm,0.1s	S	Pn	10 21 08.2 -1.0
MTBS		eS	Sg	10 21 26.9 +0.2
EKS2	Erkin-Say	∩P	Pb	10 21 09.3 -0.7
EKS2	20nm,0.2s,SNR=34	∩P	Pg	10 21 28.5 +0.6
EKS2		∩P	Pb	10 21 09.1 -0.9
EKS2		∩S	Pg	10 21 28.1 +0.2
EKS2		∩S	Pb	10 21 09.9 -0.9
USP	Ospenovka	∩S	Sg	10 21 29.4 -0.3
USP	99nm,0.2s	∩S	Pb	10 21 09.9 -0.9
USP	Ospenovka	∩P	Pg	10 21 12.0 -0.6
USP		∩S	Sg	10 21 33.2 +0.7
TNSS	Tian-Shan	∩P	Sg	10 21 33.2 +0.7
TNSS	2.7nm,0.2s	S	Sg	10 21 12.0 -0.6
TNSS		S	Sg	10 21 33.2 +0.7
TNSS	3.3nm,0.4s	eS	Sg	10 21 12.5 -0.5
TNSS	3.3nm,0.4s	∩P	Pg	10 21 34.9 +1.2
SGDS	Soqing	∩P	Pb	10 21 13.3 -0.8
SGDS	42nm,0.2s	∩S	Pb	10 21 35.2 -0.5
SGDS		∩S	Pg	10 21 14.1 -0.7
SALK	Salom-Alik	∩P	Pb	10 21 37.1
SALK		∩S	Lg	10 21 37.1
MDOK	Medeo	∩P	Lg	10 21 37.1
MDOK	8.3nm,0.2s	Lg	Lg	10 21 14.1 -0.7
MDOK		Lg	Lg	10 21 37.1
MDOK	18nm,0.6s	eS	Pg	10 21 37.1 +0.2
MDOK	8.3nm,0.2s	eS	Pg	10 21 37.1 +0.2
TARG	Taragay, Kyrgy	∩P	Pb	10 21 15.7 -1.3
TARG		∩S	Pb	10 21 39.2 -0.9
MRKS	Merke	∩P	Pb	10 21 16.3 -0.6
MRKS	14nm,0.3s	S	Sg	10 21 41.2 +0.3
MRKS		S	Sg	10 21 41.2 +0.3
MRKS	45nm,0.4s	eS	Pg	10 21 16.2 -0.6
MRKS	14nm,0.3s	eS	Sg	10 21 41.2 +0.3
MRKS	45nm,0.4s	eS	Sg	10 21 41.2 +0.3
ANVS	Anan'yev	∩P	Pb	10 21 16.2 -1.4
ANVS		∩S	Pb	10 21 40.1 -1.0
ARSB	Arslanbob	∩P	Pb	10 21 17.9 -1.5
ARSB		∩S	Pb	10 21 43.9 -0.4
KTBS	Karatobe	∩P	Pg	10 21 18.4 -1.0
KTBS	1.4nm,0.2s	Lg	Lg	10 21 44.7
KTBS		Lg	Pb	10 21 18.4 -1.0
KTBS	112nm,0.3s	eS	Sg	10 21 44.7 -1.2
KTBS	1.4nm,0.2s	eS	Sg	10 21 44.7 -1.2
KUU	Kurty	∩P	Pg	10 21 19.9 -0.6
KUU	15nm,0.3s	Lg	Lg	10 21 47.0
KUU		Lg	Pb	10 21 19.9 -0.6
KUU	50nm,0.3s	eS	Sg	10 21 47.0 -0.8
KUU	15nm,0.3s	eS	Sg	10 21 47.0 -0.8
PRZ	Przheval'sk	∩P	Pn	10 21 22.1 +0.4
PRZ		∩S	Pn	10 21 50.2 -0.1
SATY	Saty	∩P	Pg	10 21 27.8 -0.2
SATY	6.1nm,0.3s	Lg	Lg	10 22 00.5
SATY		Lg	Pb	10 21 27.8 -0.2
SATY	60nm,0.5s	eS	Sg	10 22 00.5 -1.2
SATY	6.1nm,0.3s	eS	Sg	10 22 00.5 -1.2
KURS	Kuram	∩P	Pg	10 21 28.7 -0.4
KURS	12nm,0.8s	Lg	Lg	10 22 02.3
KURS		Lg	Pb	10 21 28.7 -0.4
KURS	16nm,0.5s	eS	Sg	10 22 02.3 -1.6
KURS	12nm,0.8s	eS	Sg	10 22 02.3 -1.6
KURS	16nm,0.5s	eS	Sg	10 21 27.3 +1.1
ARK	Arkit	∩P	Pn	10 21 59.7 -3.1
ARK		∩S	Pb	10 21 34.3 +0.1
KPKKS	Kokpek	∩P	Pg	10 21 34.3 +0.1
KPKKS	0.4nm,0.5s	Lg	Lg	10 22 12.0
KPKKS		Lg	Pb	10 21 34.3 +0.1
KPKKS	55nm,0.5s	eS	Sg	10 22 12.0 -1.6
KPKKS	0.4nm,0.5s	eS	Sg	10 22 12.0 -1.6
ARXS	Arharly	∩P	Pb	10 21 33.7 -0.8
ARXS	6.9nm,0.2s	Lg	Lg	10 22 11.1
ARXS		Lg	Pb	10 21 33.7 -0.8
ARXS	57nm,0.5s	eS	Sb	10 22 11.1 +1.5
ARXS	6.9nm,0.2s	eS	Sb	10 22 11.1 +1.5
UZB	Uzymbulak	∩P	Pb	10 21 35.4 -0.2
UZB	5.5nm,0.5s	Lg	Lg	10 22 13.6
UZB		Lg	Pb	10 21 35.4 -0.2
UZB	26nm,0.4s	eS	Sg	10 22 13.6 -2.5
UZB	Uzymbulak	∩P	Pb	10 21 38.6 0.0
UZB	15nm,0.5s	Lg	Lg	10 22 19.3
SHLS	Shalkode	∩P	Pg	10 21 46.2 +1.8
SHLS	7.5nm,0.3s	Lg	Lg	10 22 32.0
SHLS		Lg	Pg	10 21 46.2 +1.8
SHLS	29nm,0.6s	eS	Sg	10 22 32.0 +6.1
SHLS	7.5nm,0.3s	eS	Sg	10 22 32.0 +6.1
BTLs	Baital	∩P	Pb	10 21 41.0 +0.1
BTLs	5.4nm,0.3s	Lg	Lg	10 22 23.3
BTLs		Lg	Pb	10 21 41.0 +0.1
BTLs	22nm,0.4s	eS	Sg	10 22 23.3 -2.9
BTLs	5.4nm,0.3s	eS	Sg	10 22 23.3 -2.9
PDGK	Podgornoye	∩P	Pn	10 21 35.6 0.0
PDGK	1.7nm,0.3s	∩L	Lg	10 22 28.0
PDGK		∩L	Pb	10 21 48.5 +0.5
KNOS	Konyrien	∩P	Lg	10 22 36.3
KNOS	4.8nm,0.8s	Lg	Lg	10 22 36.3
KNOS	9.0nm,0.5s	Lg	Lg	10 22 36.3

KK31	Karatay Array	3.80 289	∩P	Pn	10 21 43.2 +0.5
KK31	1.9nm,0.3s,baz=109,slow=17,SNR=28	Lg	Lg	10 22 44.3	
KTMS	Ketmen	5.2nm,0.3s,slow=110,slow=26,SNR=8.3	Pb	10 21 52.5 -0.3	
KTMS	0.8nm,0.5s	3.91 67	Lg	10 22 43.2	
KTMS		Lg	Lg	10 21 52.5 -0.3	
KTMS	6.4nm,0.8s	eS	Pb	10 22 43.2 +2.5	
KTMS	Ketmen	0.8nm,0.5s	eS	Pb	10 21 53.9 +0.3
DJR	Jarkent	6.4nm,0.8s	Pg	Lg	10 22 45.5
DJR	3.0nm,0.3s	Lg	Lg	10 21 53.9 +0.3	
DJR		Lg	Pg	10 22 45.5 -4.7	
DJR	6.6nm,0.6s	eP	Sb	10 21 53.9 +0.3	
DJR	Jarkent	3.0nm,0.3s	eP	Pg	10 22 45.5 -4.7
IUG	Iuzhnay	6.6nm,0.6s	eS	Pb	10 21 56.5 +1.8
IUG	6.7nm,0.4s	Lg	Lg	10 22 50.2	
IUG	Iuzhnay	6.7nm,0.4s	eP	Pb	10 21 56.5 +1.8
IUG		eS	Sg	10 22 50.2 -2.1	
BRLS	Borolday	52nm,0.5s	Pg	Pb	10 22 00.9 +2.1
BRLS	2.4nm,0.8s	Lg	Lg	10 22 58.1	
BRLS		Lg	Pb	10 22 00.9 +2.1	
BRLS	13nm,0.5s	eP	Sg	10 22 58.1 -1.9	
BRLS	Borolday	2.4nm,0.8s	eP	Pb	10 22 45.4 +2.6
MAKZ	Makanchi	1.5nm,0.9s	∩P	Pn	10 22 24.16.7
MAKZ		∩L	Lg	10 22 27.2 +2.3	
MAKZ	1.4nm,0.6s	6.87 43	Pn	10 24 20.5	
MAKZ	0.3nm,0.5s,baz=220,slow=15,SNR=7.5	∩L	Lg	10 25 25.9	
MAKZ	0.8nm,0.6s	8.90 13	∩L	Lg	10 25 30.9
KURB	Kurchatov Arra	7.4nm,0.6s	∩L	Lg	10 25 25.9
KURB	7.4nm,0.6s	9.00 13	∩L	Lg	10 25 30.9

TAP 12 10:21:18.3,24°7'N,122°03'E,h71km,ML3.6,B
 JMA 12 10:21:18.2,0.2,24°3'N,0.1°E,122°0E,0.4,h74km,3km,
 MV2 2/10, TAIWAN REGION
 ISC 12 10:21:18.4,1.2,24°7'N,122°04'E,0.02,h72km,4km,

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res		
Code	Station Name	Δ°	AZ°	Phase ID	h	m	s	ISC
EGS		0.11	302	P	10 21 29.3	+0.4		
EGS		0.11	302	S	10 21 35.9	-0.7		
NTC	Toucheng	0.20	290	P	10 21 37.2	0.0		
NTC		0.20	290	S	10 21 37.2	0.0		
TWB1	Santiao Chiao	0.23	349	P	10 21 29.4	+0.1		
TWB1		0.23	349	S	10 21 36.8	-0.6		
TWC	Suao	0.24	224	P	10 21 29.3	-0.2		
TWC		0.24	224	S	10 21 29.4	-0.3		
ILA	Ilan	0.26	266	P	10 21 29.7	+0.2		
ILA		0.26	266	S	10 21 38.0	+0.2		
TIPB	Shuangxi	0.27	314	P	10 21 29.6	0.0		
TIPB		0.27	314	S	10 21 37.2	-0.7		
ESAO	Su ao	0.27	220	eP	10 21 29.8	+0.2		
ESAO		0.27	220	S	10 21 37.2	-0.6		
NDS	Dongshan	0.33	243	P	10 21 30.0	+0.1		
NDS		0.33	243	S	10 21 38.1	-0.4		
SX11	Grass Mountain	0.34	335	P	10 21 30.1	-0.1		
SX11		0.34	335	S	10 21 39.2	+0.3		
TWE	Neicheng	0.34	259	P	10 21 29.4	-0.3		
TWE		0.34	259	S	10 21 37.6	-1.0		
WFSB	Wu-fen Shan	0.37	321	P	10 21 30.4	+0.1		
WFSB		0.37	321	S	10 21 40.6	+1.6		
EOS2	EOS2	0.41	154	eP	10 21 31.3	+0.8		
EOS2		0.41	154	S	10 21 40.8	+1.6		
FUSH	Fushanzhiwuyua	0.41	267	P	10 21 39.0	-0.7		
FUSH		0.41	267	S	10 21 39.0	-0.7		
EWUT	Wuta	0.41	215	eP	10 21 39.9	+0.2		
EWUT		0.41	215	S	10 21 39.3	-0.3		
TNOU	National Taiwa	0.43	327	P	10 21 30.7	-0.1		
TNOU		0.43	327	S	10 21 39.5	-0.5		
ENA	Nanau	0.45	217	eP	10 21 38.6	-1.5		
ENA		0.45	217	S	10 21 38.6	-1.5		
TWA	Mucha	0.46	295	P	10 21 30.8	-0.2		
TWA		0.46	295	S	10 21 39.9	-1.3		
NWLT	Wulai	0.49	269	P	10 21 30.9	-0.4		
NWLT		0.49	269	S	10 21 40.2	-0.5		
NHT	Taipei	0.49	301	eP	10 21 39.8	-0.5		
NHT		0.49	301	S	10 21 41.3	+0.4		
NHHD	Xindian Distri	0.50	291	P	10 21 31.3	0.0		
NHHD		0.50	291	S	10 21 40.4	-0.5		
NDT	Datong Townshi	0.51	249	eP	10 21 32.0	+0.5		
NDT		0.51	249	S	10 21 32.5	+0.7		
LATG	Datong	0.53	242	P	10 21 42.7	+1.1		
LATG		0.53	242	S	10 21 32.2	+0.6		
EAHA	Aohua	0.53	211	P	10 21 42.0	+0.6		
EAHA		0.53	211	S	10 21 31.5	-0.2		
TATO	Taipei	0.53	291	P	10 21 31.5	-0.2		
TATO		0.53	291	S	10 21 40.9	-0.6		
TATO	Taipei	0.53	291	∩P	10 21 31.5	-0.2		
TATO		0.53	291	∩S	10 21 40.9	-0.6		
TAP	Taipei	0.54	298	P	10 21 31.6	-0.2		
TAP		0.54	298	S	10 21 41.2	-0.5		
YM01	YM01	0.56	310	P	10 21 31.9	-0.1		
YM01		0.56	310	S	10 21 32.8	+1.0		
EOS3	EOS3	0.56	153	eP	10 21 43.6	+2.0		
EOS3		0.56	153	S	10 21 31.8	-0.3		
YM08	YM08	0.57	315	P	10 21 41.0	-1.3		
YM08		0.57	315	S	10 21 42.6	+0.3		
BACT	New Taipei Cit	0.58	291	P	10 21 42.6	+0.3		
BACT		0.58	291	S	10 21 32.6	0.0		
YHNB	Yeheng							

Table with columns: ICAO, Name, Comp, Az, El, AzEl, P, S, Pmax, Pmin, Pmax, Pmin, Pmax, Pmin. Includes stations like KMI2, ENH, JMN, BLDU, KLBK, etc.

Table with columns: ICAO, Name, Comp, Az, El, AzEl, P, S, Pmax, Pmin, Pmax, Pmin, Pmax, Pmin. Includes stations like CAN, CAN, CAN, CAN, etc.

Table with columns: ICAO, Name, Comp, Az, El, AzEl, P, S, Pmax, Pmin, Pmax, Pmin, Pmax, Pmin. Includes stations like MSVF, WMO, WMO, WMO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBL Kabul, AFU Afiamalu, BTK Batken, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like F17K Baldwin Pennin, M17K Holitna River, K19K Lookout Ridge, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BR105 Keskin Array S, L29M L29M, CSS Mathiatis, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like MUSN, PILG, BLWY, etc.

Technical notes and coordinates for stations, including IDs like IDC 12 13:08:47.5-0.8, 38°80'N, 74°71'E, h0km, mb3.8/17, etc.

Main table for station data with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like KSH2, SFK, SALK, etc.

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Main table for station data with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like MTBS, TNSS, ANVS, etc.

12d 13h

Main table for station data with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like SMLA, MAKZ, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FIA1, FINES, FINESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EIOS2, WFSB, TWTC, etc.

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

JMA 12 13:19:23.8-0.2, 25°N, 122°4E, 0.5, h40km, 3km, MV2.0/10, NW OFF ISHIGAKI, IMA IS TAP 12 13:19:24.1, 24.92N, 122.39E, h20km, ML3.1, C ISC 12 13:19:22.3-1.2, 24.94N, 0.02, 122.42E, 0.02, h11km, 9km, n109, 0.076/198, 1C-2D, Taiwan region

PGC 12 13:32:37.2-0.9, 51.29N, 131.39W, h10km, MLN3.0/14, Mw3.7/1.4, 224km south of Village of Queen Charlotte, Bc Haida Gwaii Region, Queen Charlotte Islands region

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, GSPA South Pole Qui, PLCA Paso Flores, etc.

IDC 12 15:46:22.5:2.8, 5:37S, 153.75E, h48km, mb3.8/10, mbtmp4.1/12, ML3.0/2, MS3.2/4, Error ellipse: s-maj=31.6km s-min=19.9km az=75.0

NEIC 12 15:46:24.2:1.1, 5:45S, 153.8E, 0.1, h64km, mb3.8/10, mbtmp4.1/17, Error ellipse: s-maj=16.4km s-min=14.8km az=80.0

ISC 12 15:46:24.7:0.6, 5:38S, 153.8E, 0.1, h74km, n37, m127/33, mb3.9/16, New Ireland region

Main table for station 705, listing various stations like Rabaul, Port Moresby, Pohnpei, Charters Tower, etc., with their respective coordinates and seismic data.

IDC 12 15:58:05.0:8.0, 29:77N, 95:13E, h0km, mb4.4/29, mbtmp4.4/31, ML4.0/1, MS3.8/56, Error ellipse: s-maj=16.5km s-min=10.8km az=46.0

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BGR 12 15:58:14.3, 28:72N, 93:40E, h33km, mb4.8, Ms4.0, ISC 12 15:58:08.7:0.4, 29:84N, 0:03, 95:09E, 0.03, h17km, m2km, h17km; p-P, n598, r1935/551, mb4.8/229, MS4.0/79, 24C-12D, Eastern Xingzhi-India border region

Main table for station 2020 AUG, listing stations like ZIRO, LSA, MOKO, TAWA, etc., with their respective coordinates and seismic data.

12d 15h

Main table for station 12d 15h, listing stations like CM31, CMAR, CMAR, ENH, ALBI, WMQ, etc., with their respective coordinates and seismic data.

12d 17h

Table of station data for 12d 17h, including columns for station name, coordinates, and various performance metrics.

2020 AUG

Main table of station data for 2020 AUG, including columns for station name, coordinates, and various performance metrics.

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Table of station data for 708, including columns for station name, coordinates, and various performance metrics.

IDC 12:16:54:49.5:1.5:6:02S:131:89E,h0km,mb4.0/2, mbmp3.2/5,ML2.5/3, Error ellipse: s-maj=41.5km s-min=17.4km az=84.0

DJA 12:16:54:57.9:0.7:6:54S:133:22E,h108km,14km,MM.3/12, mB5.0/4,mb4.4/6,MLv4.2/12,Mw(mB)4.3/4

ISC 12:16:54:57.9:0.9:6:23S:106:131.77E:0.10,h100km,m18, c#319/19,Taninbar Islands region

Table of station data for Taninbar Islands region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

ISC 12:17:03:33.5:35:73N:35:51E,h5km,ML3.6/36 N12:17:03:36.8:35:97N:35:53E,h15km,3km,MJ3.2/14

AFAD 12:17:03:36.6:35:88N:35:64E,h24km,1km,MW3.6 GRAL 12:17:03:37.8:35:85N:35:47E,h15km,108km,MD3.8

GII 12:17:03:38.0:40.35:735N:0:003:35:586E:0:001,h0km, Mw3.5,5 confirmed

ISC 12:17:03:36.0:1.1:35:85N:0:002:35:56E:0:02,h11km,Time Res n97,c#19/139,Jordan-Yorgia region

Table of station data for Jordan-Yorgia region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

IDC 12:16:10:09:3:2.0:29:99N:131:16E,h0km,mb3.7/7, mbmp3.5/12,ML2.8/5,MS3.4/4, Error ellipse: s-maj=35.4km s-min=22.7km az=125.0

JMA 12:16:10:14.2:0.2:30:1N:105:131:12E:0:07,h26km,1km, Mw3.4/25,E OFF TANGASHIMA ISLAND

ISC 12:16:10:15:2:1.3,30.06N:0:06:131:22E:0:09,h39km,3km, n28,c#104/31,mb3.6/7,MS3.4/4,Kyushu

Table of station data for Kyushu region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

12d 17h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like POGA, LBTB, GRTLG, etc.

17d 17h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like EIL, GHAJ, KOD, etc.

17d 17h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like KELT, CHOS, ITM, etc.

12d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOS, LOR, NEUB, UBBA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CLZ, KASI, FLTG, ASSE, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BORK, BVAR, WTBS, UCC, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DEL Delary, MTSE Matsuda, ELSH Elham, ROSF Rostenren, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MCH1 comp=Z,72nm,0.7s, HLMI Long Mynd, STNC Stoke, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, KMY Karmoy, etc.

12d 17h

Table with columns for name, time, and various status indicators. Includes entries like JOW Kunigami, INCN Incheon, FAKI Fak Fak, etc.

2020 AUG

Table with columns for name, time, and various status indicators. Includes entries like SIV San Ignacio, QLR GRRN, MJAR Matushiro, etc.

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Table with columns for name, time, and various status indicators. Includes entries like A36M Sachs Harbour, N58A Sunbury, M57A Sunshine Farm, etc.

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like W50A Signal Mountain, U49A Red Boiling Sp, J30M Hart Farm, etc.

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like TGUH Tegucigalpa, PNL Peninsula, PNL Peninsula, etc.

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like WELL Weller Preserv, CMB Columbia Colle, CWC Cottonwood Cre, etc.

ROM 12:17:22.08, Error: 0.1, 43°28'9N, 0°00'4.1244E, 0.01, h22km, MLO 7/5, Error ellipse: s-maj=1.2km s-min=0.2km az=270.0, Central lity

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like ATLO AVT- Montelove, ATLO Monte Urbino, MURB Monte Urbino, etc.

GFZ 12:17:29.57, 80.1, 49°N, 2°15'5E, h10km, M5.9/129, mb5.2/129, confirmed

BGR 12:17:29.59, 4, 48.24N, 154.84E, h33km, mb4.8

KRSC 12:17:29.59, 8, 2.5, 48.59N, 155.97E, h31km, 32km, Ml5.8

BUL 12:17:30.00, 4, 8, 48.31N, 155.14E, h69km, mb5.1/19, mb5.1/74, Ms4.7/2, Ms4.7/3

SKHL 12:17:30.01, 6, 0.3, 48.60N, 155.50E, h69km, 9km, mb5.7/5, Ms4.7/2, Ms4.7/3

MOS 12:17:30.01, 1, 0.0, 48.75N, 154.88E, h52km, mb5.1/49, Error ellipse: s-maj=5.8km s-min=2.8km az=77.5

NEIC 12:17:30.01, 9, 1.5, 48.80N, 0.07, 154.8E, 0.1, h4.3km, 2km, mb5.0/10, Error ellipse: s-maj=15.4km s-min=8.5km az=118.0

IDC 12:17:30.03, 5, 2.1, 48.81N, 154.77E, h58km, 17km, mb4.5/36, mbmp4.9/42, MS4.1/4, Error ellipse: s-maj=11.7km s-min=8.3km az=153.0

GCMT 12:17:30.04, 9, 0.4, 48.59N, 0.0, 155.19E, 0.0, h44km, 1km, MW5.1/49, Moment Tensor Solution, s25 c30; s49 c79;

Duration: 0. Moment tensor: Scale 1016Nm; Ml5.64; -51; Mw=4.63; -30; Ms=1.02; 29; Ms=0.29; 31; Ms=1.94; 14; Mw=1.95; 19. Best double couple: M=8.37000e-10; NP1=261.00000e-8; 841.00000e-8; 1.12.00000e-8; NP2=0.53.00000e-8; 852.00000e-8; 272.00000e-8. Principal axes: T 6.1730, Plg75.00000; Azm266.00000; N - 0.6810. Plg14.00000; Azm64.00000; P - 5.5010, Plg6.00000; Azm155.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-tensor rate function

ISC 12:17:30.02, 5, 0.4, 48.76N, 0.03, 155.04E, 0.03, h53km, 3km, h52km, P-P, P, N151.1, 151.1, 151.1, 1045, mb5.0/481, MS4.9/23, 36C-42D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns for station code, frequency, and signal strength. Includes stations like SKR, PAU, KDR, and MKZ.

Table with columns for station code, frequency, and signal strength. Includes stations like MKZ, MYK, YUK, and NMR.

Table with columns for station code, frequency, and signal strength. Includes stations like NKL, NKR, NML, and NNL.

S22A	comp=Z,15nm,0.9s	67.49	58	Iamb	Iamb	17 40 56.0
HYA	4UR Ranch, Cre	67.49	58	Iamb	Iamb	17 40 56.0
EYMN	Hoyanger	67.59	344	eP	P	17 40 53.9 +0.9
EYMN	Ely	67.60	42	Iamb	Iamb	17 41 21.8
EYMN	Ely	67.60	42	P	P	17 40 55.3 +0.7
MNK	comp=Z,15nm,0.8s	67.92	330	iP	P	17 40 55.3 +0.1
MNK	Minsk			i	P	17 45 02.8
MNK				iPPP	PPP	17 49 51.2 +1.6
MNK				iS	SS	17 54 14.2 +3.2
MNK				iSS	SS	
MNK	comp=N,7.0nm,0.9s			pmax	pmax	
MNK	comp=Z,20nm,0.9s			pmax	pmax	
MNK	comp=E,20nm,0.8s			MLR	MLR	
MNK	comp=N,418nm,18.0s			MLR	MLR	
MNK	comp=Z,512nm,15.0s			MLR	MLR	
MNK	comp=E,530nm,14.0s			MLR	MLR	
SUE	Sulen	67.94	345	eP	P	17 40 55.6 +0.5
X18A	Snowflake	67.96	63	Iamb	Iamb	17 40 58.5
GSI	Gunung	68.11	245	P	P	17 40 57.6 +0.7
GSI	Gunungstoli	68.11	245	P	P	17 40 57.3 +0.3
GSI	Gunungstoli	68.11	245	P	P	17 40 57.2 +0.2
HYB	Hyderabad	68.24	272	eP	P	17 40 57.7 0.0
HYB	Hyderabad	68.24	272	eP	P	17 40 56.2 -1.0
HYB				ePp	pP	17 41 09.5 -2.7
HYB				ePcP	pP	17 41 22.7 -0.5
HYB				ePSS	SS	17 43 27.3 -1.4
HYB				ePcS	SS	17 49 54.2 -0.3
HYB				ePcS	SS	17 50 52.6 -0.3
HYB				ePSS	SS	17 54 17.1 -0.9
KNRA	Kununnura	68.27	207	P	P	17 40 58.3 +0.6
KNRA	Kununnura	68.27	207	Iamb	Iamb	17 40 59.1
PABE	Paberze	68.33	333	P	P	17 40 57.3 -0.4
KONO	Kongsberg	68.34	342	eP	P	17 40 58.0 +0.3
AKO	Askoy	68.41	344	eP	P	17 40 58.4 +0.4
ECSD	EROS Data Cent	68.56	48	Iamb	Iamb	17 41 14.4
ECSD	EROS Data Cent	68.56	48	P	P	17 40 60.0 +0.5
E38A	The Farm, Brul	68.79	43	Iamb	Iamb	17 41 14.9
CTA	Charters Tower	68.98	189	P	P	17 41 00.5 -1.6
CTA	Charters Tower	68.98	189	LR	LR	18 10 21.4
CTA	Charters Tower	68.98	189	P	P	17 41 01.9 -0.2
CTAO	Charters Tower	68.98	189	P	P	17 41 02.1 0.0
CTAO	Charters Tower	68.98	189	P	P	17 41 01.8 -0.3
CTAO	Charters Tower	68.98	189	pmax	pmax	
CTAO	Charters Tower	68.98	189	Iamb	Iamb	17 41 03.0
CTAO	Charters Tower	68.98	189	P	P	17 41 02.1 0.0
TUC	Tucson	69.02	65	P	P	17 41 02.0 -0.5
TUC	Tucson	69.02	65	pmax	pmax	
TUC	Tucson	69.02	65	P	P	17 41 02.0 -0.5
TUC	Tucson	69.02	65	P	P	17 41 03.9 +1.4
TUC	Tucson	69.02	65	P	P	17 41 03.6 +1.1
BLSS	Blasio	69.17	343	eP	P	17 41 03.2 +0.3
ANMO	Albuquerque	69.69	60	P	P	17 41 08.1 +1.4
ANMO	Albuquerque	69.69	60	ePcP	P	17 41 08.4 +1.6
ANMO	Albuquerque	69.69	60	pmax	pmax	
ANMO	Albuquerque	69.69	60	P	P	17 41 07.9 +1.2
ANMO	Albuquerque	69.69	60	P	P	17 41 08.3 +1.5
ANMO	Albuquerque	69.69	60	P	P	17 41 08.2 +1.4
ANMO	Albuquerque	69.69	60	pP	pP	17 41 21.0 -0.3
ALQ	Albuquerque	69.69	60	Iamb	Iamb	17 41 09.2
ALQ	Albuquerque	69.69	60	Iamb	Iamb	17 41 09.1
SNART	Smartart	70.03	343	eP	P	17 41 09.1 +0.9
KIV	Kislovodsk	70.32	315	eP	P	17 41 08.5 -1.8
KIV	Kislovodsk	70.32	315	pmax	pmax	
KIV	Kislovodsk	70.32	315	eP	P	17 41 08.5 -1.8
QIS	Mount Isa	70.36	195	P	P	17 41 10.5 -0.1
KBZ	Khabaz	70.39	315	P	P	17 41 10.1 -0.5
KBZ	Khabaz	70.39	315	iP	P	17 41 10.2 -0.4
KBZ	Khabaz	70.39	315	pmax	pmax	
KBZ	Khabaz	70.39	315	eP	P	17 41 10.2 -0.4
POC	Poono	70.41	114	eP	P	17 41 11.4 -0.6
AKASG	Malin Array Be	70.59	327	P	P	17 41 10.7 -1.0
AKASG	Malin Array Be	70.59	327	iP	P	17 41 11.1 -0.6
AKASG	Malin Array Be	70.59	327	pmax	pmax	
AKBB	Malin Array Si	70.59	327	eP	P	17 41 10.4 -1.3
AKBB	Malin Array Si	70.59	327	pmax	pmax	
AKBB	Malin Array Si	70.59	327	P	P	17 41 10.6 -1.1
KIEV	Kiev	70.60	327	P	P	17 41 11.2 -0.6
KIEV	Kiev	70.60	327	P	P	17 41 10.3 -1.5
KIEV	Kiev	70.60	327	P	P	17 41 10.2 -1.5
KIEV	Kiev	70.60	327	pmax	pmax	
KIEV	Kiev	70.60	327	P	P	17 41 10.2 -1.6
KIEV	Kiev	70.60	327	P	P	17 41 10.5 -1.3
KIEV	Kiev	70.60	327	P	P	17 41 10.9 -0.9
B12A	Cookes Peak, D	70.64	63	Iamb	Iamb	17 41 15.5
RTBA	Rita Blanca	70.71	57	Iamb	Iamb	17 41 14.4
WRAB	Tennant Creek	70.83	201	P	P	17 41 13.4 -0.1
WRAB	Tennant Creek	70.83	201	eP	P	17 41 13.7 +0.2
WRAB	Tennant Creek	70.83	201	pmax	pmax	
WRAB	Tennant Creek	70.83	201	P	P	17 41 13.3 -0.2
WRAB	Tennant Creek	70.83	201	P	P	17 41 13.6 +0.2
WRAB	Tennant Creek	70.83	201	P	P	17 41 13.4 -0.1
WRB	Warramunga Arr	70.83	201	P	P	17 41 14.2 +0.6
WRB	Warramunga Arr	70.83	201	P	P	17 41 13.2 -0.3
WRB	Warramunga Arr	70.83	201	P	P	17 41 13.2 -0.3
WRB	Warramunga Arr	70.83	201	P	P	17 41 12.5 -1.0
SCHO	Schefferville	70.95	24	P	P	17 41 14.5 +0.6
SCHO	Schefferville	70.95	24	LR	LR	18 16 58.8
SCHO	Schefferville	70.95	24	LR	LR	18 16 58.8
SCHO	Schefferville	70.95	24	Iamb	Iamb	17 41 31.3
Mi28	Mi28, Pidlbyu	70.95	328	P	P	17 41 12.1 -1.8
RNP9P	Sopachiv	71.17	329	P	P	17 41 14.3 -0.9
KAD	Karad	71.21	275	eP	P	17 41 16.5 +0.5
NOUC	Port Laguerre	71.25	169	P	P	17 41 15.5 +0.6
NOUC	Port Laguerre	71.25	169	P	P	17 41 17.7 +1.8
YATNC	Mamie plateau,	71.29	168	P	P	17 41 16.6 +0.5
I40A	Norwalk	71.29	44	Iamb	Iamb	17 41 18.1
FITZ	Fitzroy Crossi	71.53	209	P	P	17 41 18.7 +1.1
FITZ	Fitzroy Crossi	71.53	209	P	P	17 41 18.4 +0.7
OUENC	Ouen Island, N	71.63	168	Iamb	Iamb	17 41 20.6
LUBAR	Lubar, Ukraine	71.76	327	P	P	17 41 17.4 -1.4
VSLR	Vesjoloye	71.93	316	iP	P	17 41 19.1 -0.9

VSLR	comp=Z,27nm,0.8s			pmax	pmax	
H43A	Windswept, Lux	72.13	42	Iamb	Iamb	17 41 22.8
L40A	Analosa	72.42	46	Iamb	Iamb	17 41 24.6
N38A	Joes South For	72.42	48	Iamb	Iamb	17 41 42.5
AMTX	Amarillo	72.43	57	Iamb	Iamb	17 41 26.8
AMTX	Amarillo	72.43	57	Iamb	Iamb	17 41 26.0
MNST	Mushoeh	72.49	58	Iamb	Iamb	17 41 26.0
MNST	Mushoeh	72.49	58	Iamb	Iamb	17 41 26.0
MNTX	Cornudas Mount	72.65	62	P	P	17 41 25.8 +1.3
MNTX	Cornudas Mount	72.65	62	P	P	17 41 25.8 +1.3
SALM	Salem	72.69	268	eP	P	17 41 25.0 +0.1
GOA	Goa	72.76	274	eP	P	17 41 25.6 +0.4
SORM	Soroca	73.03	326	iP	P	17 41 25.9 -0.5
SORM	Soroca	73.03	326	P	P	17 41 25.9 -0.5
SORM	Soroca	73.03	326	P	P	17 41 25.4 -1.0
P38A	Dawn	73.07	49	Iamb	Iamb	17 41 41.9
L42A	Oliver, Polo	73.19	45	Iamb	Iamb	17 43 16.3
TPB11	China Draw	73.26	61	Iamb	Iamb	17 41 30.2
V43A	Burlington	73.26	43	Iamb	Iamb	17 41 29.1
KLDO	Kaladana	73.35	34	Iamb	Iamb	17 41 28.8
W40A	Wal d'Or	73.35	34	Iamb	Iamb	17 41 28.8
KMPD	K-Podolskiy	73.36	327	P	P	17 41 26.5 -1.9
VHRN	Van Horn	73.55	62	Iamb	Iamb	17 41 32.2
128A	Castleberry Fa	73.64	59	Iamb	Iamb	17 41 32.4
OZAP	Van, Ozal-Mer	73.72	310	iP	P	17 41 32.8 +1.8
INVG	invergeide, C	73.74	348	eP	P	17 41 30.2 -0.3
DKNS	Dickens	73.75	57	Iamb	Iamb	17 41 33.3
EIDS	Eidsvold	73.87	184	P	P	17 41 32.7 +1.2
EIDS	Eidsvold	73.87	184	Iamb	Iamb	17 41 33.5
TPB06	Permian Basin	73.94	60	Iamb	Iamb	17 41 34.1
P40A	Paris	73.98	48	Iamb	Iamb	17 41 51.5
LAWE	Loch Awe, Argy	74.08	349	eP	P	17 41 32.2 -0.2
LAWE	Loch Awe, Argy	74.08	349	Iamb	Iamb	17 41 33.8
WMOK	Wichita Mount	74.13	55	Iamb	Iamb	17 41 34.9
WMOK	Wichita Mount	74.13	55	P	P	17 41 34.0 +0.8
OJC	Ojcow	74.17	332	P	P	17 41 33.0 -0.1
OJC	Ojcow	74.17	332	P	P	17 41 33.6 +0.5
KOD	Kodj Kodj	74.19	267	eP	P	17 41 34.4 +0.4
SN07	Snyder 07	74.19	58	Iamb	Iamb	17 41 35.4
PALK	Pallekele	74.25	263	iP	P	17 41 34.0 -0.1
PALK	Pallekele	74.25	263	pmax	pmax	
PGBU	Glenflierbraes	74.40	348	eP	P	17 41 34.3 0.0
PGBU	Glenflierbraes	74.40	348	Iamb	Iamb	17 41 35.9
STHS	Stebnicka Huta	74.42	331	eP	P	17 41 35.0 +0.4
STHS	Stebnicka Huta	74.42	331	eP	P	17 41 35.0 +0.4
TPB05	Hovey Rd	74.42	61	Iamb	Iamb	17 41 37.1
MNHN	Monahans	74.43	60	Iamb	Iamb	17 41 36.9
APMT	Aspermont	74.45	57	Iamb	Iamb	17 41 36.7
KOLS	Kolonick sedl	74.50	330	eP	P	17 41 35.5 +0.5
KOLS	Kolonick sedl	74.50	330	eP	P	17 41 35.5 +0.5
KOLS	Kolonick sedl	74.50	330	P	P	17 41 35.7 +1.7
AS15	Alice Springs	74.50	200	P	P	17 41 36.4 +0.1
AS17	Alice Springs	74.51	200	P	P	17 41 36.1 +0.9
AS01	Alice Springs	74.52	200	P	P	17 41 35.8 +0.5
AS31	Alice Springs	74.53	200	P	P	17 41 36.6 +1.2
ASAR	Alice Springs	74.53	200	P	P	17 41 35.6 +0.2
ASAR	Alice Springs	74.53	200	P	P	17 41 35.6 +0.2
ASAR	Alice Springs	74.53	200	P	P	17 41 35.5 +0.1
AS09	Alice Springs	74.56	200	P	P	17 41 36.6 +1.1
TMB01	Midkiff	74.58	60	Iamb	Iamb	17 41 38.0
BUR08	Bucovina Ar, S	74.59	327	Iamb	Iamb	17 41 38.8
BURAR	Bucovina Array	74.61	327	iP	P	17 41 36.0 +0.1
BURAR	Bucovina Array	74.61	327	P	P	17 41 35.9 +0.1
BURAR	Bucovina Array	74.61	327	Iamb	Iamb	17 41 35.4 -0.5
BURAR	Bucovina Array	74.61	327	Iamb	Iamb	17 41 39.1
ALPN	Alpine	74.64	61	Iamb	Iamb	17 41 38.1
KSP	Ksiaz	74.67	334	P	P	17 41 36.2 +0.2
EKA	Eskdalemuir Ar	74.68	347	P	P	17 41 36.1 +0.2
ESK	Eskdalemuir	74.70	347	P	P	17 41 36.5 +0.4
ESK	Eskdalemuir	74.70	347	pmax	pmax	
ESK	Eskdalemuir	74.70	347	Iamb	Iamb	17 41 37.0
ESK	Eskdalemuir	74.70	347	Iamb	Iamb	17 41 36.5 +0.4
ESK	Eskdalemuir	74.70	347	Iamb	Iamb	17 41 37.0
ESK	Eskdalemuir	74.70	347	Iamb	Iamb	17 41 36.4 +0.3
HAKT	Hakkari	74.71	310	P	P	17 41 37.8 +1.1
NIE	Niedzica	74.72	331	P	P	17 41 36.3 0.0
R40A	Maddies Station	74.83	49	Iamb	Iamb	17 41 51.3
W35A	Tecunseh	74.85	54	Iamb		

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes Zalesovo Beam, Makanchi Array, etc.

SJA 12:20:54:32.7z:0.7,30.26Sx71.75W,h27km,2km,ML3.6, MW3.8
IDC 12:20:54:35.6:3.8,30.32Sx71.74W,h56km,32km,mb3.4/1,
mbmp3.9/6,ML4.0/4, Error ellipse: s-maj=32.3km,
s-min=25.9km az=66.0

NEIC 12:20:54:35.8:1.2,30.27S:0.05:71.62W:0.06,h62km,5km,
mb4.6/4,ML4.0(GUC), Error ellipse: s-maj=8.9km
s-min=5.6km az=126.0

GUC 12:20:54:36.1:0.6,30.35Sx71.46W,h57km,3km,ML3.9
ISC 12:20:54:34.7:0.8,30.23S:0.03:71.79W:0.05,h53km,8gkm,
n104, s149/127,7C-1D, Near coast of central Chile

Main table listing station data for the first column, including Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes Santo Domingo, Universidad Ad, etc.

Main table listing station data for the second column, including Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes IALAR, Eielson Array, etc.

Main table listing station data for the third column, including Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters.

12d 22h

Table with columns for station code, name, frequency, and signal strength. Includes stations like SWI Sorong, BTO2 Baotou, GUMO Guam, etc.

2020 AUG

Table with columns for station code, name, frequency, and signal strength. Includes stations like MMRI Maumere, GOMU GeErMu, ERM Erimo, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like ZEA RAYAGADA, KDU Kakadu, TLY Talaya, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like YAK, PRZ, WAKE, and others.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like AS15, AS13, AS31, ASAR, and others.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like FORT, INKA, KMBL, BVAR, and others.

Table with columns: Name, Location, Time, Date, Status, and other details. Includes entries like KMBO Kilima Mbogo, BER Bergen, BER Bergen, ASK Askoy, etc.

Table with columns: Name, Location, Time, Date, Status, and other details. Includes entries like CEY Cerknica, GRA3 Grafenberg Arr, KBA Koelnbreinsper, etc.

Table with columns: Name, Location, Time, Date, Status, and other details. Includes entries like EGMT Eagleton, POGA Pongola, HLID Halley, etc.

12d 22h

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like LTVH, UZHM, KWP, HHC, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like PBUR, TIP, MNSI, BLY, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like TIA, CHVC, UPCE, etc.

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Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like EVO, PBEJ, PMAFR, etc.

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Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like DBIC, FITZ, MEER, etc.

12d 22h

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like L14K, G26K, FYU, etc.

Table with columns: ID, Station Name, Az, El, Az, El, Phase ID, Time, Res. Includes stations like 553A Crawfordville, GRTK Grand Turk, 451A Vernon, etc.

IDC 12 23:08:56.5:0.9,27.96N:66.00E,h0km,mb3.8/20, mbtmp3.9/21,ML4.1/1, Error ellipse: s-maj=21.7km s-min=15.3km az=6.0

NEIC 12 23:08:58.3:0.9,27.97N:0.09:65.97E:0.06,h10km,1km, mb4.2/20, Error ellipse: s-maj=17.1km s-min=5.3km az=152.0

GFZ 12 23:08:59.4:0.3,28.1N:5.6E:6,h10km,M4.5/22, mb4.5/22

ISC 12 23:08:57.8:0.4,27.96N:0.06:65.98E:0.04,h10km,n170, z=200/184,mb4.2/51,4C-5D,Pakistan

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res. Includes stations like JASL Jaisalmer, BHUU Bhuj, KBL Kabul, etc.

Table with columns: Station Name, Az, El, Az, El, Phase ID, Time, Res. Includes stations like JMU comp=N,120nm,0.6s, JMDO Jabal Madar, MDH Madha, etc.

KK31 Karatay Arra 15.55 12 Pn Pn 23 12 36.5 -0.6

AAK Ala-Archa 16.20 23 Pn Pn 23 12 44.0 -1.2

AAK Ala-Archa 16.20 23 Pn Pn 23 12 45.6 0.0

AAK Ala-Archa 16.20 23 Pn Pn 23 12 45.3 -0.4

AAK Ala-Archa 16.20 23 Pn Pn 23 12 45.6 0.0

AAK Ala-Archa 16.20 23 Pn Pn 23 12 45.6 0.0

AAK Ala-Archa 16.20 23 Pn Pn 23 12 45.6 0.0

Table with columns: Station Name, Az, El, Az, El, Phase ID, Time, Res. Includes stations like KURK Kurchatov, KELT Kelkit, MALV Malatya, etc.

ARCES ACCESS Array B 47.69 342 P P 23 12 33.2 -0.9

ARCES ACCESS Array B 47.69 342 P P 23 12 33.7 -0.4

ARCES ACCESS Array B 47.69 342 P P 23 12 33.7 -0.4

ARCES ACCESS Array B 47.69 342 P P 23 12 33.7 -0.4

ARCES ACCESS Array B 47.69 342 P P 23 12 33.7 -0.4

ARCES ACCESS Array B 47.69 342 P P 23 12 33.7 -0.4

ARCES ACCESS Array B 47.69 342 P P 23 12 33.7 -0.4

IDC 12 23:13:06.0:2.1,3.36N:128.30E,h0km,mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=173.1km s-min=23.8km az=67.0, North of Halmahera

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, WRA Warrungarra Arr, etc.

Table with columns: STKA, Stephens Creek, 37.26 161 P, P, 23 20 19.7 +0.1

Table with columns: MKAR, Makanchi Arr, 58.75 325 P, P, 23 23 06.3 +0.4

HEL 12 23:16.02:4.0,2,67.81N:20°12'E, h0km, ML1.2, Suspected explosion, Sweden

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

JMA 12 23:17.45:2.0,31°N:3°13'E, h534km, MV3.8/24, SHIKOKU BASIN

IDC 12 23:17.48:8.0,7,30°82N:137°55'E, h487km, 8km, mb3.3/18, mb1mP4.2, Error ellipse: s-maj=16.2km s-min=11.1km

NEIC 12 23:17.49:2.1,1,30°80N:0°06:137°4E:0.1, h483km, 8km, mb4.1/27, Error ellipse: s-maj=17.1km s-min=6.9km

ISC 12 23:17.48:4.0,5,30.79N:0.06:137°55'E:0.08, h489km, n87, s121/99, mb3.9/33, Southeast of Honshu

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

Main table with columns: WBO, Warramunga Arr, 50.36 184 P, P, 23 25 60.0 +0.2

Main table with columns: MAJO, Matushuro, 3.28 109 P, P, 23 24 59.5 +0.1

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SONM Songino Array, SONM Songino Array, SONM Songino Array, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BORK Borovoye, BORK Borovoye, BORK Borovoye, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like FIA1 FINESS Array S, FIA1 FINESS Array S, FIA1 FINESS Array S, etc.

13d Oh

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like San Ignacio, Villa Florida, Paso Flores, etc.

RSRP 12 23:45:32.4, 18.09N:68.54W, h95km, 1km, MD3.5/7
NEIC 12 23:45:32.4, 0.5, 18.2N:0.1:68.47W:0.07, h98km, 8km,
ML2.6/33, MD3.5/7(RSPR), Error ellipse: s-maj=21.2km
s-min=4.8km az=204.0,
OSPL 12 23:45:33.4, 0.8, 17.90N:68.55W, h76km, 10km, ML2.9,

Presumed earthquake
SDD 12 23:45:33.9, 2.4, 17.98N:68.55W, h72km, 21km, MD3.6,
ML2.6, MW3.2, Presumed earthquake
ISC 12 23:45:31.3, 1.3, 17.99N:0.0:68.55W:0.003, h89km, 11km,

n46, c08270, 27C-1D, Mona Passage

Main table for 13d Oh stations, including Punta Cana, Higüey Centro, Isla Desecho, Puerto Rico Se, Cabo Rojo, etc.

ISC 13 00:10:50.4, 1.7, 24.23S:179.92E, h505km, 16km, mb3.4/6,
mbmp4.2/8, Error ellipse: s-maj=22.5km s-min=17.7km
az=144.0,
NEIC 13 00:10:51.8, 1.1, 24.3S:0.1:179.9E:0.1, h522km, 10km,
mb4.1/20, Error ellipse: s-maj=19.7km s-min=19.1km
az=151.0,
ISC 13 00:10:51.0, 1.0, 6.2425S:0.008:179.91E:0.10, h517km, n40,

2020 AUG

Main table for 2020 AUG stations, including Nonsau, Nonsauv, Mare, Loyalty, Ouenc, etc.

KRSC 13 00:20:55.9, 1.4, 51.15N:157.99E, h66km, 19km, MI4.2,
Near east coast of Kachchka Painsula

Table for KRSC stations, including Khodutka, Kamc, Pauzhetka, Asacha, etc.

IDC 13 00:23:28.0, 5.0, 9.2216N:145.48E, h0km, mb3.8/11,
mbmp3.8/12, ML2.7/1, Error ellipse: s-maj=29.6km
s-min=18.1km az=84.0,
NEIC 13 00:23:30.6, 0.9, 2.23N:0.09:145.4E:0.2, h10km, 1km,
mb4.3/11, Error ellipse: s-maj=26.6km s-min=10.8km
az=64.0,

ISC 13 00:23:34.0, 1.0, 7.2223N:0.09:145.4E:0.2, h36km, n27,
c086/27, mb4.1/17, North Pacific Ocean

Table for ISC stations, including Saipan, Kuroka, Matsushiro Arr, etc.

748

Table for 748 stations, including WBO, WRA, FITZ, AS31, ASAR, etc.

SJA 13 00:24:25.1, 0.7, 38.45S:74.27W, h10km, ML3.2, MW3.5
GUC 13 00:24:29.0, 0.6, 38.54S:74.23W, h23km, 3km, ML3.4
ISC 13 00:24:28.0, 2.2, 38.15S:0.05:74.4W:0.1, h10km, n16,

c1912/18, 1C, Off coast of central Chile

Table for 748 stations, including BI04, LR04, LR02, LC01, etc.

CATAC 13 00:31:41.9, 0.7, 11.1N:5.87W, h16km, 9km, M3.6/12,
ML3.6/12, Error ellipse: s-maj=12.9km s-min=4.4km
az=28.6, confirmed

UCR 13 00:31:43.3, 1.2, 10.89N:86.39W, h0km, 10km, MW3.9,
Presumed earthquake

ISC 13 00:31:41.8, 1.7, 10.85N:0.05:86.48W:0.06, h8km, 11km,
n50, c043/61, 4C-2D, Off coast of Costa Rica

Main table for 748 stations, including LORUZ, ALIBA, ALBA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Leonessa, Monte Cavallo, Monte Fema, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Old Harbor, Kodiak Island, Sitkinak Island, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like MJAR, MAJO, MAJB, MJB9, YHNB, etc.

IDC 13 01:31:54.9:1.0, 30.68N:142.20E, h0km, mb4.1/18, mbmp4.1/21, ML3.4/3, MS3.5/16, Error ellipse: s-maj=33.1km s-min=17.0km az=69.0

NEIC 13 01:31:57.8:1.4, 30.72N:142.08E, h1km, mb4.4/33, Error ellipse: s-maj=19.1km s-min=13.1km az=65.0

ISC 13 01:31:59.4:0.7, 30.72N:142.08E, h1.9E:0.1, h23km, n62, o=91/63, mb4.3/29, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like JHJ, JH2, JH3, JH4, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like WBO, H19K, WR8, WRA, etc.

IDC 13 01:35:27.5:0.7, 30.77N:142.16E, h0km, mb4.1/18, mbmp4.1/21, ML3.4/3, MS3.5/16, Error ellipse: s-maj=21.6km s-min=14.8km az=50.0

NIED 13 01:35:29.2:30.79N:142.06E, h34km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 1015N/m; M=2.57; M=0.04; M=0.25; M=0.63; M=0.11; M=0.25; Fault plane solution: Mo3.78000x1015 NP1: o=153.00000; s24.00000; A80.00000; NP2: o=344.00000; s67.00000; A95.00000

NEIC 13 01:35:29.4:1.5, 30.74N:142.09E, h1.1, h10km, 1km, mb4.5/38, Error ellipse: s-maj=18.6km s-min=14.0km az=238.0

JMA 13 01:35:29.2:0.2, 30.80N:142.12E, h34km, MV4.0/48, NEAR TORISHIMA IS

ISC 13 01:35:31.2:0.5, 30.79N:142.05E:0.07, h24km, n126, o=135/130, mb4.4/43, MS3.7/17, 1D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like JAOM, JHCC, JHJC, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like HEH, BJ2, PETK, HILR, HHC, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Barlow Dome, Eagle Plains, Chuyangaron, etc.

IDC 13 01:50:23.6:1.7, 30.73N:141.96E, h0km, mb3.3/2, mbmp3.4/3, ML2.8/1, Error ellipse: s-maj=49.8km s-min=26.9km az=76.0

JMA 13 01:50:31.1:0.3, 31.1N:142.3E, h149km, MV3.2/61, FAR E OFF IZU ISLANDS

ISC 13 01:50:28.8:1.3, 31.01N:142.3E:0.2, h37km, n11, e249/13, Southeast of Honshu

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Boso 3, Boso 4, Hitachi, etc.

WEL 13 01:51:49.9:1.0, 34.5S:167.7W:1.4, h12km, M4.9/6, mb4.8/2, ML4.0/1, MLV4.9/6, Mw(MB)4.0/2, Error ellipse: s-maj=19.3km s-min=4.1km az=110.0, confirmed

IDC 13 01:51:51.4:0.9, 33.60S:177.95W, h0km, mb4.2/2, mbmp4.1/4, ML3.6/2, MS3.3/3, Error ellipse: s-maj=32.2km s-min=15.5km az=100.0

NEIC 13 01:51:53.7:1.4, 33.44S:178.17W:1.0, h10km, 1km, mb4.5/11, Error ellipse: s-maj=15.9km s-min=7.2km az=261.0

NOU 13 01:51:58.2, 34.02S:177.49W, h101km, mb4.4/12, South of Kermadec Islands

ISC 13 01:51:55.4:0.7, 33.48S:177.9W:0.1, h34km, n80, e25/19,4, mb4.5/2, 2C, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Green Lake, Raoul Island, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Kereru, Hauliti, Pawanui, etc.

NEIC 13 02:22:23.0:0.9, 4.5S:0.1, 154.4E:0.1, h179km, 9km, mb4.1/10, Error ellipse: s-maj=19.5km s-min=17.2km az=208.0

IDC 13 02:22:35.6:8.8, 4.60S:153.63E, h280km, 54km, mb3.3/5, mbmp4.0/7, Error ellipse: s-maj=63.0km s-min=24.4km az=84.0

ISC 13 02:22:24.5:0.9, 4.41S:0.10, 154.2E:0.1, h200km, n24, e187/26, mb3.8/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPA, TROLL, etc.

NEIC 13 02:22:23.0:0.9, 4.5S:0.1, 154.4E:0.1, h179km, 9km, mb4.1/10, Error ellipse: s-maj=19.5km s-min=17.2km az=208.0

IDC 13 02:22:35.6:8.8, 4.60S:153.63E, h280km, 54km, mb3.3/5, mbmp4.0/7, Error ellipse: s-maj=63.0km s-min=24.4km az=84.0

ISC 13 02:22:24.5:0.9, 4.41S:0.10, 154.2E:0.1, h200km, n24, e187/26, mb3.8/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Rabaul, Port Moresby, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPA, TORO, etc.

SDD 13 02:24:16.2:2.2, 20.02N:71.00W, h11km, 9km, MD3.5, ML2.5, MW2.9, Presumed earthquake

OSPL 13 02:24:16.1:1.3, 20.00N:70.93W, h0km, 7km, ML2.5, Presumed earthquake

ISC 13 02:24:14.3:1.0, 20.02N:70.97W:0.03, h15km, 8km, n20, e67/30, 19C-1D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LUDR, LOPP, etc.

IDC 13 02:32:42.1:8.0, 42.59N:138.57E, h250km, 49km, mb3.4/4, mbmp4.0/8, Error ellipse: s-maj=174.8km s-min=24.2km az=57.0

NEIC 13 02:32:44.6:0.8, 42.59N:138.57E:0.1, h276km, 10km, mb4.3/8, Error ellipse: s-maj=15.8km s-min=11.7km az=185.0

JMA 13 02:32:44.2:0.5, 42.2N:138.8E:1.3, h265km, 3km, MV3.3/24, EASTERN SEA OF JAPAN

ISC 13 02:32:42.6:0.7, 42.49N:138.31E:0.06, h250km, n40, e119/42, mb4.2/7, Eastern Sea of Japan

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JOSM, JSH, etc.

IDC 13 02:34:16.9:0.6, 62.18N:124.41W, h0km, mb3.7/13, mbmp3.8/20, ML3.8/7, MS3.1/5, Error ellipse: s-maj=9.6km

s-min=8.9km az=115.0
NEIC 13 02:34:17.1, 1.2, 62.22N, 124.44W, h10km
NEIC 13 02:34:17.1, 1.2, 62.22N, 0.04, 124.44W, h10km, 1km,
mb4.1/92, ML4.5-21, Mw3.9/13, Mw4.0(O), Moment Ellipse:
s-maj=10.2km s-min=6.2km az=248.0, Error Tensor
Solution. Moment tensor: Scale 10^14Nm; Mw3.09;
Mw0-1.5; Mw0-3.94; Mw0-2.06; Mw0-1.97; Mw0-2.8; Fault
plane solution: Mo: 580000x10^14 Np1: 337, 160000,
569, 27000, 1.93, 10000. NP2: 148, 47000, 820, 95000,
1.81, 88000. Principal axes: T 7.6559, P166.0000,
Azm252.0000; N 0.1619, P165.0000, Azm156.0000; P
7.4939, P162.0000, Azm65.0000.

GFZ 13 02:34:17.0, 0.3, 62.22N, 124.44W, h10km, M4.1/13,
mb4.1/13 Error ellipse: s-maj=1.2km s-min=7.0km
az=43.2, confirmed

NEIC 13 02:34:18.4, 62.24N, 124.40W, h6km, Moment Tensor
Solution. Moment tensor: Scale 10^15Nm; Mw3.71;
Mw0-0.3; Mw0-0.67; Mw0-0.57; Mw0-0.33; Mw0-0.47; Fault
plane solution: Mo: 1.0000x10^15 Np1: 180, 00000,
528, 00000, 1.128, 00000. NP2: 318, 00000, 868, 00000,
1.72, 00000. Principal axes: T 1.0481, P163.0000,
Azm200.0000; N 0.0303, P167.0000, Azm325.0000; P
-1.0784, P121.0000, Azm62.0000.

PGC 13 02:34:18.4, 62.24N, 124.41W, h10km, ML4.5/14,
Mw4.0, mb4.0(NEIC), 122km south of Wrolog, Nt Nw
Territories - Nunavut, Canada

ISC 13 02:34:15.2, 15.2, 62.23N, 0.03, 124.61W, h10km, 10km,
n274, 0196/301, mb4.1/44, Northwest Territories

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

Main seismic event table with columns: YUKS, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous seismic events across various stations.

Continuation of seismic event table with columns: Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists events from stations like O16K, EGMT, MSO, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Lovozero, NORSAR Array B, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like JUNU, KSRS Korea Array, KSRS, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like MLY, NEA2, GHO, etc.

JMA 13:02:35.32.2.0.2, 35.4N:0.5:140.4E:0.9, h58km, 1km, MD4.4/39, MW4.039, KUJUKURI CAST ECOSO PEN

JMA Faltu Ji at KUJUKURI CAST ECOSO PEN

NIED 13:02:35.32.2.35.41N:140.44E:h58km, MW4.6, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm; M1:1.42; M2:0.63; M3:0.00000...; lambda:85.570000...; NP2:0.13.000000...; s85.000000...; lambda:95.000000...

IDC 13:02:35.33.5.0.8, 35.31N:140.33E, h59km, 5km, mb3.8/19, mbtmp4.0/25, MS3.5/38 Error ellipse: s-maj=17.1km s-min=7.2km az=82.0

NEIC 13:02:35.33.9.35:30N:140.36E:h58km NEIC 13:02:35.33.9.1.3.35:30N:140.4E:0.1, h60km, 3km, mb4.8/64, MW4.6, Moment Tensor Solution, s-maj=13.1km s-min=8.8km az=74.0, Moment Tensor Solution, Moment tensor: Scale 1015Nm; M1:5.53; M2:3.9; M3:3.21; M4:5.53; Fault plane solution: M0:450000*1015 NP1:0.202.860000...; lambda:85.570000...; NP2:0.13.000000...; lambda:99.600000...; Principal axes: T: 10.40555, Plg2:0.00000...; Azm:290.00000...; N:-2.3470, Plg4:0.00000...; Azm2:1.00000...; P:-8.0586, Plg6:0.00000...; Azm122.00000...

ISC 13:02:35.33.0.0.6, 35.35N:140.45E:0.04, h57km, 5km, n200, s15/173, mb4.5/64, MS3.6/37, 1C-12D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like IS0JP, IS0JP, JCCN, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like XAN, XAN, XAN, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ASAR, AKTO, PALK, etc.

13d 2h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Paradox Valley, Mornit Glor, Nyswonger Mesa, etc.

CATAC 13 02:37:53.0±0.6, 12°N, 2°8'8"W, h14km, 3km, M3.6/29, MLv3.2/29, Eyrk ellipse: s-maj=6.3km s-min=3.5km

UCR 13 02:37:57.7±1.1, 11°73'N, 87°45'W, h29km, 145km, MW4.1, Presumed earthquake

ISC 13 02:37:55.4±3.7, 11.64°N, 0.05-87.60°W, 0.05, h17km, 26km, n47, ±1502/58, 8C-4D, Near coast of Nicaragua

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

JMA 13 02:40:41.1±0.2, 35°4N, 0°5'140'4E, 0.9, h56km, 1km, MV2.8/36, KUJUKURI COAST BOSO PEN

ISC 13 02:40:42.3±1.4, 35°23'N, 140°40'E, h49km, 6km, mb3.4/2, mbmp3.5/4, Error ellipse: s-maj=24.2km s-min=7.6km az=80.0

ISC 13 02:40:42.4±1.0, 35°31'N, 0.05-140°39'E, 0.07, h55km, 6km, n23, ±1914/26, Near east coast of eastern Honu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IS0J ISUMI INFRASON, JCCN Chibachonan, etc.

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

NEIC 13 02:49:39.6±1.3, 58°58'N, 0°03:141°54'W, 0.07, h10km, 1km, mb4.4/16, ML4.2/132, Mw4.0/96, ML4.0(AEIC), Error ellipse: s-maj=6.1km s-min=5.5km az=93.0, Moment Tensor Solution. Moment tensor: Scale 1015Nm; M1=0.41; M2=0.42; M3=0.01; M4=0.07; M5=0.92; M6=0.60; Fault plane solution: M1, 18000x1015 NP1, 12.95000°, 87.83000°, A=143.21000°. NP2, 271.18000°, 85.48000°, A=19.90000°. Principal axes: T=1.2134, P=12.02000°, Azm128.0000°, N=0.0004, Pkg5.0000°, Azm33.0000°, P=1.1330, Pkg37.0000°, Azm238.0000°, IDC 13 02:49:40.5±0.7, 58°81'N, 141°51'W, h0km, mb3.7/14, mbmp3.8/20, ML3.7/6, MS3.3/18 Error ellipse: s-maj=16.9km s-min=11.8km az=24.0

NEIC 13 02:49:39.0±3.3, 58°56'N, 0°05:141°59'W, 0.04, h5km, 21km, n307, ±1919/301, mb4.2/22, MS3.3/13, Off coast of southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CHX Chaix Hills, CNL Chinle, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like N25K Chitina, PS12 TAPS Pump St12, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SNART, HOMB, AAL, KEV, TJOU, etc.

SDD 13 03:24:36.72.1, 18.00N:71.80W, h35km, 53km, MD3.0, ML1.8, MW2.5, Presumed earthquake

OSPL 13 03:24:43.5.1.4, 18.32N:71.68W, h10km, 9km, ML1.7, Presumed earthquake

ISC 13 03:24:41.9.1.4, 18.38N:0.05:71.69W, 0.06, h12km, 9km, n8, c1879/14, 6C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JIDR, LODOU, NEDR, etc.

SSNC 13 03:38:53.4.2.6, 18.07N:71.47W, h25km, 23km, MD3.6, ML3.3, Presumed earthquake

OSPL 13 03:38:55.9.1.4, 18.34N:71.72W, h0km, 9km, ML3.6, Presumed earthquake

SDD 13 03:38:55.9.2.7, 18.29N:71.74W, h0km, 7km, MD3.5, ML3.3, MW3.5, Presumed earthquake

ISC 13 03:38:54.3.1.0, 18.29N:0.04:71.70W, 0.03, h18km, 6km, n31, c1950/54, 25C-4D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LODOU, NEDR, LONE3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LOVI, SDDR, SDDR, etc.

OSPL 13 03:43:49.0.1.5, 18.35N:71.70W, h6km, 10km, ML2.1, Presumed earthquake

SDD 13 03:43:49.3.1.3, 18.34N:71.67W, h18km, 8km, MD3.2, ML2.0, MW2.2, Presumed earthquake

ISC 13 03:43:48.4.1.1, 18.34N:0.04:71.64W, 0.04, h12km, 8km, n10, c072/18, 10C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LODOU, NEDR, LONE3, etc.

OSPL 13 03:47:36.1.2.0, 18.16N:71.71W, h19km, 8km, MD2.5, ML1.5, MW2.4, Presumed earthquake

OSPL 13 03:47:37.0.1.6, 18.40N:71.74W, h8km, 26km, ML1.5, Presumed earthquake

ISC 13 03:47:36.1.1.4, 18.24N:0.05:71.69W, 0.07, h14km, 9km, n8, c0957/14, 8C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LODOU, NEDR, LONE3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LODOU, JIDR, NEDR, etc.

SDD 13 03:51:28.0.1.3, 18.20N:71.75W, h24km, 5km, MD2.9, ML1.6, MW2.4, Presumed earthquake

OSPL 13 03:51:29.6.1.3, 18.33N:71.70W, h11km, 13km, ML1.7, Presumed earthquake

ISC 13 03:51:29.2.1.2, 18.30N:0.04:71.68W, 0.06, h15km, 10km, n9, c0884/15, 8C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LODOU, JIDR, NEDR, etc.

JMA 13 03:52:40.0.0.2, 35.4N:0.5:140.4E, 1.0, h58km, 1km, MW3.797, KUJUKURI COAST BOSO PEN

JMA Felt II J1 at KUJUKURI COAST BOSO PEN. NIED 13 03:52:40.0.35.42N:140.44E, h58km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm

IC 13 03:52:42.4.1.8, 35.26N:140.10E, h72km, 17km, mb3.4/8, mbmp3.7/12, MS3.1/8. Error ellipse: s-maj=27.2km

ISC 13 03:52:40.7.0.8, 35.35N:0.04:140.44E, 0.06, h57km, 5km, n48, c157/43, mb3.8/8, MS3.2/6, 4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JCCN, KTR, JKUC, etc.

Table with columns: Station, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Gaotai, Bokaro, Chieng Mai, etc.

Table with columns: Station, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Ulaanbaatar, Kurty, Beijing, etc.

Table with columns: Station, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CN2, KRSR, BVAR, etc.

ANN	Anapa	46.74 305	eP	P	04 36 28.7 +0.2	MDVR	comp=Z,8.4nm,1.1s	57.83 306	UP	P	04 37 51.9 +1.0	SABO	M.te Sabotino	63.07 309	P	P	04 38 24.9 -1.8
ANN	comp=Z,44nm,1.0s			pmax		MDVJ	Moldovita	58.04 313	UP	P	04 37 51.7 -0.6	SABO	comp=Z,14nm,1.3s		Iamb	Iamb	04 38 28.4
MOS	Moscow	47.17 320	eP	P	04 36 32.3 +0.7	OJC	Ojcow	58.04 313	P	P	04 37 51.7 -0.6	RJOB	Jochberg	63.10 311	P	P	04 38 27.7 +0.8
MOS	comp=Z,58nm,1.2s			pmax		OJC	Ojcow	58.04 313	P	P	04 37 52.7 +0.5	MARCO	Tramutola	63.22 303	P	P	04 38 28.3 +0.4
MOS	comp=Z,110nm,1.3s			pmax		BOVS	Bovan	58.09 305	UP	P	04 37 52.4 -0.3	LESA	Schwarzleotl	63.27 311	iP	P	04 38 28.7 +0.7
KLMR	Klimovskoje	47.20 327	eP	P	04 36 30.8 -0.9	GRG	Griva	58.22 302	P	P	04 37 53.4 -0.3	GRB3	comp=Z,7.1nm,1.0s,SNR=10.0	63.28 313	P	P	04 38 28.7 +0.6
KLMR	comp=Z,56nm,1.3s			pmax		PSZ	comp=Z,5.2nm,1.1s	58.42 310	P	P	04 37 56.3 +1.3	CUC	comp=Z,11nm,1.1s	63.30 302	P	P	04 38 27.2 -1.3
OBN	Obninsk	47.69 319	iP	P	04 36 36.7 +1.1	AGG	Agios Georgios	58.77 300	P	P	04 37 56.6 -1.0	CUC	Castrocuoco	63.31 302	P	P	04 38 27.6 -0.8
OBN	comp=Z,8.0nm,0.5s			pmax		YVHS	Vyhne	58.99 311	eP	P	04 37 59.6 +0.7	CLZ	Claustha	63.47 316	P	P	04 38 30.3 +1.0
OBN	Obninsk	47.69 319	P	P	04 36 35.6 -0.1	YVHS	Vyhne	58.99 311	eP	P	04 37 59.6 +0.7	ABTA	Abfalterbach	63.57 310	iP	P	04 38 30.4 +0.3
ANDN	Andrin	48.31 295	P	P	04 36 43.1 +2.1	YVHS	Vyhne	58.99 311	eP	P	04 37 59.6 +0.7	STAL	STALIGAL	63.58 310	P	P	04 38 28.9 -1.2
BNN	Bunyan	48.50 297	P	P	04 36 41.7 -0.7	KORC	Korca	59.49 302	P	P	04 38 00.9 -1.7	STAL	comp=Z,11nm,1.0s		Iamb	Iamb	04 38 31.3
SEY	Seymchan	48.82 31	iP	P	04 36 44.6 +0.4	MORC	Moravsky Berou	59.56 313	UP	P	04 38 03.0 +0.1	CEL	Celeste	63.80 301	P	P	04 38 30.4 -1.3
SEY	comp=Z,2.0nm,0.2s,baz=15,slow=22,SNR=1.6			pmax		MORC	Moravsky Berou	59.56 313	UP	P	04 38 03.0 +0.1	CEL	Celeste	63.80 301	P	P	04 38 32.3 +0.5
SEY	Seymchan	48.82 31	iP	P	04 36 43.6 -0.7	MORC	Moravsky Berou	59.56 313	UP	P	04 38 02.4 -0.4	WTTA	Wattenberg	63.99 311	eP	P	04 38 32.9 -0.1
SOEI	Soe	48.92 140	P	P	04 36 44.9 -0.9	MORC	Moravsky Berou	59.56 313	eP	P	04 38 02.8 -0.1	WTTA	Wattenberg	63.99 311	P	P	04 38 32.8 -0.2
KIRS	Kirsehir-Merke	49.94 297	UP	P	04 36 54.3 +0.9	MORC	Moravsky Berou	59.56 313	eP	P	04 38 03.8 +0.9	WTTA	Wattenberg	63.99 311	P	P	04 38 32.8 -0.2
BR131	Keskin Array S	50.06 298	P	P	04 36 53.0 -0.7	ITM	Itmo	59.58 298	UP	P	04 38 02.6 -0.6	WTTA	Wattenberg	63.99 311	P	P	04 38 32.8 -0.2
BR131	comp=Z,17nm,1.7s			pmax		MORH	Mrgy, Hungr	59.62 309	UP	P	04 38 03.0 -0.3	WTTA	Wattenberg	63.99 311	P	P	04 38 32.8 -0.2
BR131	Keskin Array S	50.06 298	Iamb	Iamb	04 36 56.1	MORH	Mrgy, Hungr	59.62 309	UP	P	04 38 03.6 +0.3	WTTA	Wattenberg	63.99 311	P	P	04 38 32.8 -0.2
BRTR	Keskin Array B	50.06 298	P	P	04 36 52.9 -1.5	JAVC	Velka Javorina	59.67 312	eP	P	04 38 04.8 +1.1	WTTA	Wattenberg	63.99 311	P	P	04 38 32.8 -0.2
BRTR	comp=Z,4.4nm,1.1s,baz=129,slow=5.5,SNR=13			pmax		JAVC	Velka Javorina	59.67 312	eP	P	04 38 05.7 +2.0	WTTA	Wattenberg	63.99 311	P	P	04 38 32.8 -0.2
BRTR	Keskin Array B	50.06 298	eP	P	04 36 54.7 +0.4	HFS	Hagfors	59.85 325	P	P	04 38 03.9 -0.7	INTR	Introdacqua	64.05 305	P	P	04 38 32.9 -0.4
BRTR	comp=Z,4.4nm,1.1s			pmax		KRLC	Kralicky	59.97 313	P	P	04 38 03.9 -0.7	INTR	comp=Z,1.3nm,1.1s		Iamb	Iamb	04 38 38.0
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	MODS	Modra-Piesok	60.03 311	eP	P	04 38 06.5 +0.8	CGRP	Cima Grappa	64.30 310	P	P	04 38 34.7 -0.3
BRTR	comp=Z,4.4nm,1.1s			pmax		MODS	Modra-Piesok	60.03 311	eP	P	04 38 08.0 +1.9	FDMO	Fiordimonte	64.30 306	P	P	04 38 33.6 -1.3
BRTR	Keskin Array B	50.06 298	eP	P	04 36 54.7 +0.4	PDG	Podgorica	60.12 304	UP	P	04 38 06.5 -0.2	FDMO	comp=Z,9.3nm,1.1s		Iamb	Iamb	04 38 37.0
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	UP	P	04 38 08.4	MOTA	Moosalm	64.31 311	iP	P	04 38 35.6 +0.6
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 07.1 +0.3	NRCA	Norcia	64.35 306	P	P	04 38 34.6 -0.6
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 07.7 +0.9	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53.6 -0.7	PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	comp=Z,4.4nm,1.1s			pmax		PDG	Podgorica	60.12 304	P	P	04 38 08.3 +1.0	NRCA	comp=Z,6.4nm,1.0s		Iamb	Iamb	04 38 38.8
BRTR	Keskin Array B	50.06 298	eP	P	04 36 53												

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like N15K, D25K, M16K, H21K, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR, SONM, AAK, KURBS, etc.

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

Code Station Name Azimuth Phase ID Time Res
MKAR Makanchi Array 19.11 333 P P 04 39 01.9 0.0

Code Station Name Azimuth Phase ID Time Res
SALK Salom-Alik 1.64 227 P P 04 43 17.3 -0.4

Code Station Name Azimuth Phase ID Time Res
MDOK Medeo 1.67 46 Pg Pb 04 43 19.7 +0.2

OSPL 13 04:59:55.42.0, 18:14N:71:77W, h6km, 156km, ML1.7, Presumed earthquake

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (LODU1, JIDR, NEDR, etc.).

IDC 13 05:11:07.9.5.2, 25.40N, 123.75E, h160km, 55km, mb3.3/6, mbtmp3.7/8, Error ellipse: s-maj=54.2km s-min=16.5km az=68.0

JMA 13 05:11:07.6.0.3, 25.13N, 123.51E, h142km, MW3.7, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm

NIED 13 05:11:07.6.25.13N, 123.51E, h142km, MW3.7, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm

ISC 13 05:11:06.3.0.8, 25.31N, 109.123.51E, h143km, 9km, m19, c1506/25, mb3.67, Northeast of Taiwan

Main table for station 765, listing station names, coordinates, and various codes.

SDD 13 05:15:59.7.2.2, 17.41N, 70.81W, h43km, 177km, MD3.5, ML2.0, MW2.3, Presumed earthquake

OSPL 13 05:16:26.2.0.9, 18.26N, 71.20W, h7km, ML1.2, Presumed earthquake

ISC 13 05:16:28.1.1.1, 18.39N, 0.06E, 71.59W, h10km, n7, c343/9, 4C, Dominican Republic region

Main table for station 765, listing station names, coordinates, and various codes.

AZER 13 05:21:28.4.0, 71N, 48.44E, h14km, m3/7, TIF 13 05:21:29.5, 40.70N, 48.52E, h37km, 1km

MOS 13 05:21:29.2, 40.74N, 48.33E, h9km, MPVA4.5, DRS 13 05:21:30.8, 40.73N, 48.41E, h60km

IDC 13 05:21:35.9.4.6, 41.96N, 48.95E, h0km, mb3.3/3, mbtmp3.3/6, ML3.1/3, MS2.7/1, Error ellipse: s-maj=102.3km s-min=20.4km az=4.0

ISC 13 05:21:29.5.0.8, 40.71N, 0.01E, 48.49E, h19km, 2km, n100, c182/170, mb3.2/3, 4C-2D, Eastern Caucasus

Main table for station 765, listing station names, coordinates, and various codes.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (SAAT, KSMR, AKT, etc.).

GANJ Ganja 1.65 269 PN Pn 05 21 57.1 -0.4

YVSH Yashlovani 1.67 289 P P 05 21 59.0 -0.7

ZKTA Zakatala 1.69 304 Pn P 05 21 58.7 +0.7

KMKR Kumukh 1.77 324 ePn P 05 22 01.9 +0.5

SGKR Sergokala 1.86 341 ePn P 05 22 03.5 +0.7

DDFL Dedoflistskaro 1.94 293 PN Pn 05 22 03.6 +1.2

LKRN Lenkeran, Azer 2.01 174 PN Pn 05 22 03.6 +1.2

LKRN Lenkeran, Azer 2.01 174 PN Pn 05 22 03.6 +1.2

GDB GEDABAY 2.08 271 PN Pn 05 22 02.7 -0.9

TLTR Tlyarata 2.13 312 ePn P 05 22 06.5 -1.1

TLTR Tlyarata 2.13 312 ePn P 05 22 06.5 -1.1

TLTR Tlyarata 2.13 312 ePn P 05 22 06.5 -1.1

ARAR Arakani 2.20 330 ePn P 05 22 02.8 -0.5

ARAR Arakani 2.20 330 ePn P 05 22 02.8 -0.5

HNZR Khunzakh 2.28 325 ePn P 05 22 09.2 -0.9

BUJR Buynaks 2.36 334 ePn P 05 22 40.0 -0.2

BUJR Buynaks 2.36 334 ePn P 05 22 40.0 -0.2

MAK Makhachkala 2.37 342 iPn P 05 22 42.3 +1.9

MAK Makhachkala 2.37 342 iPn P 05 22 42.3 +1.9

MAK Makhachkala 2.37 342 iPn P 05 22 42.3 +1.9

UNCR Uncukul 2.37 328 ePn P 05 22 11.1 -0.5

UNCR Uncukul 2.37 328 ePn P 05 22 11.1 -0.5

UNCR Uncukul 2.37 328 ePn P 05 22 11.1 -0.5

QZAZ Qazax, Azerbai 2.39 279 Pn P 05 22 39.2 -0.9

KRNR Karanay 2.43 331 ePn P 05 22 11.7 -0.9

KRNR Karanay 2.43 331 ePn P 05 22 11.7 -0.9

DGRG David-gareji 2.47 288 Pn P 05 22 10.4 +1.6

DGRG David-gareji 2.47 288 Pn P 05 22 10.4 +1.6

DGRG David-gareji 2.47 288 Pn P 05 22 10.4 +1.6

BTLR Botlikh 2.59 320 ePn P 05 22 13.9 -1.5

BTLR Botlikh 2.59 320 ePn P 05 22 13.9 -1.5

BTLR Botlikh 2.59 320 ePn P 05 22 13.9 -1.5

SBZ Shabhubz 2.61 241 Pn P 05 22 12.8 +2.0

ORDB Ordubad 2.62 228 Pn P 05 22 48.5 +1.1

ORDB Ordubad 2.62 228 Pn P 05 22 48.5 +1.1

ORDB Ordubad 2.62 228 Pn P 05 22 48.5 +1.1

DUB Dubki 2.62 332 ePn P 05 22 44.0 -2.0

DUB Dubki 2.62 332 ePn P 05 22 44.0 -2.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (KBZ, SHA1, KIV, etc.).

AB31 Akbulak array 11.77 40 iPn P 05 24 16.8 +0.6

AKTO Aktyubinsk 11.79 31 iPn P 05 26 19.1 +0.6

AKTO Aktyubinsk 11.79 31 iPn P 05 26 19.1 +0.6

AKAS Akashevo 16.72 313 Pn P 05 25 23.6 +1.2

AKAS Akashevo 16.72 313 Pn P 05 25 23.6 +1.2

AAK Ala-Archa 19.50 76 LR LR 05 35 22.2

VSU Vasula 22.51 329 iP P 05 26 29.7 +1.9

KURB Kurchatov Arra 23.07 54 P P 05 26 33.7 0.0

KURB Kurchatov Arra 23.07 54 P P 05 26 33.7 0.0

KURB Kurchatov Arra 23.07 54 P P 05 26 33.7 0.0

FINES FINESS Array B 24.84 334 P P 05 26 49.2 -1.2

FINES FINESS Array B 24.84 334 P P 05 26 49.2 -1.2

FINES FINESS Array B 24.84 334 P P 05 26 49.2 -1.2

ISC 13 05:22:48.5.0.6, 30.36N, 0.08E, h23km, n60, c0953/57, mb4.2/25, Xizan

ISC 13 05:22:48.5.0.6, 30.36N, 0.08E, h23km, n60, c0953/57, mb4.2/25, Xizan

ISC 13 05:22:48.5.0.6, 30.36N, 0.08E, h23km, n60, c0953/57, mb4.2/25, Xizan

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

LSA Lhasa 3.23 259 Pn P 05 23 25.4 -1.3

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ERM Ermo, PDAR Pinedale Array, and AGMN Agassiz Nation.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like USA0B Ussuriysk Arra, USRK Ussuriysk Arr, and USA0B Ussuriysk Arr.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CN2 comp=Z,40nm,0.9s, FRB Froberish Bay, and USA0B Ussuriysk Arr.

DGZ	Jazzator, Alta	61.10 315c	iP	P	06 50 11.7	-0.2
DGZ	comp-Z,81nm,1.1s		pmax	pmax		
46A	comp-Z,6um,17.0s		MLR	MLR		
55GA	Hilliard	61.18 77	IAMs_20	IAMs_20	07 14 60.0	
TLIG	Tiapa	61.27 99	IAMB	IAMB	06 50 39.0	
TATO	Taipei	61.42 274	IAMs_20	IAMs_20	07 14 46.7	
WHN	Wuhan	61.50 284	iP	P	06 50 14.6	-0.1
WHN	comp-Z,150nm,0.8s		pmax	pmax		
WHN	comp-Z,2um,3.0s		L	L		
WHN	comp-Z,3um,20.2s		L	L		
WHN	comp-Z,3um,16.3s		L	L		
WHN	comp-Z,3um,21.2s		L	L		
OUL	Oulu	61.61 355	P	P	06 50 14.1	-0.8
YHNB	Yeheng	61.71 274	IAMs_20	IAMs_20	07 14 44.7	
ADZR	Andozero	61.76 349c	iP	P	06 50 15.0	-0.9
ADZR	comp-Z,235nm,1.0s		eS	S	06 52 40.0	
ADZR	comp-Z,48nm,0.9s		pmax	pmax	06 58 34.2	-2.6
NACB	Ninganchiao	61.95 273	IAMB	IAMB	06 50 36.9	
NACB	comp-Z,1um,22.0s		IAMs_20	IAMs_20	07 15 39.1	
NACB	Ninganchiao	61.95 273	P	P	06 50 16.4	-1.5
NACB	comp-Z,1um,22.0s		IAMs_20	IAMs_20	07 15 39.1	
XAN	Xi'an	62.04 290	iP	P	06 50 18.1	-0.3
XAN	comp-Z,100nm,1.5s		pmax	pmax		
XAN	comp-Z,620nm,5.8s		L	L		
XAN	comp-Z,1um,20.6s		L	L		
XAN	comp-Z,3um,17.9s		L	L		
XAN	comp-Z,2um,17.9s		L	L		
NSS	Namsos	62.35 2	eP	P	06 50 19.4	-0.5
NSS	comp-Z,112nm,1.0s		IAMB	IAMB	06 50 20.2	
NSS	comp-Z,1um,18.0s		IAMs_20	IAMs_20	07 20 14.7	
SSLB	Suanguilung	62.63 274	P	P	06 50 22.1	-0.3
SSLB	comp-Z,1um,21.0s		IAMs_20	IAMs_20	07 16 19.9	
SSLB	Suanguilung	62.63 274	P	P	06 50 22.4	0.0
SSLB	comp-Z,1um,21.0s		IAMs_20	IAMs_20	07 16 19.9	
YULB	Yu-li	62.72 273	P	P	06 50 24.3	+1.3
YULB	comp-Z,1um,21.0s		IAMs_20	IAMs_20	07 15 31.5	
YULB	Yu-li	62.72 273	P	P	06 50 21.9	-1.1
YULB	comp-Z,2um,20.6s		IAMs_20	IAMs_20	07 15 31.5	
GTA2	Gaotai	62.98 300	iP	P	06 50 24.3	-0.4
GTA2	comp-Z,200nm,1.1s		pmax	pmax	06 58 49.8	-3.4
GTA2	comp-Z,750nm,10.0s		L	L		
GTA2	comp-Z,2um,18.9s		L	L		
GTA2	comp-Z,3um,17.2s		L	L		
GTA2	comp-Z,3um,16.8s		L	L		
OZH2	Quanzhou	63.16 276	P	P	06 50 25.8	0.0
OZH2	comp-Z,100nm,1.4s		S	S	06 58 58.8	+3.4
OZH2	comp-Z,690nm,4.8s		pmax	pmax		
OZH2	comp-Z,710nm,16.8s		L	L		
OZH2	comp-Z,960nm,15.1s		L	L		
OZH2	comp-Z,820nm,24.7s		L	L		
TPUB	Ta-pu	63.19 273	IAMs_20	IAMs_20	07 18 19.8	
TPUB	comp-Z,1um,20.0s		IAMs_20	IAMs_20	07 18 19.8	
TPUB	Ta-pu	63.19 273	P	P	06 50 26.0	-0.1
TPUB	comp-Z,59nm,1.0s		IAMs_20	IAMs_20	07 15 15.4	
TWG	Piniang	63.29 273	IAMs_20	IAMs_20	07 15 15.4	
TWG	comp-Z,1um,22.0s		IAMs_20	IAMs_20	07 15 15.4	
LZH	Lanzhou	63.34 295	eP	P	06 50 26.9	-0.2
LZH	comp-Z,160nm,1.3s		S	S	06 58 55.1	-2.7
LZH	comp-Z,740nm,4.8s		pmax	pmax		
LZH	comp-Z,3um,12.7s		L	L		
LZH	comp-Z,3um,13.3s		L	L		
LZH	comp-Z,3um,12.7s		L	L		
LZH	comp-Z,3um,13.3s		L	L		
DWPF	Disney Wildern	63.46 78	P	P	06 50 28.0	+0.2
DWPF	comp-Z,949nm,18.0s		IAMs_20	IAMs_20	07 20 40.5	
DWPF	Disney Wildern	63.46 78	P	P	06 50 28.0	+0.2
DWPF	comp-Z,952nm,1.5s		IAMs_20	IAMs_20	07 20 40.5	
LZDM	Lanzhou Array	63.52 295	P	P	06 50 28.5	0.0
LZDM	comp-Z,20nm,0.6s		LR	LR	07 19 56.4	
LZDM	comp-Z,19.7s, baz=50, slow=38		LR	LR	07 19 56.4	
KURK	Kurchatov	63.81 321	P	P	06 50 29.2	-0.6
KURK	comp-Z,20nm,0.6s		pmax	pmax	06 50 29.3	-0.6
KURK	Kurchatov	63.81 321	eP	P	06 50 29.2	-0.6
KURK	comp-Z,157nm,1.0s		MLR	MLR		
KURK	Kurchatov	63.81 321	P	P	06 50 29.4	-0.3
KURK	comp-Z,2um,30.0s		IAMs_20	IAMs_20	07 20 40.5	
KURB	Kurchatov Arra	63.92 321	P	P	06 50 30.1	-0.4
KURB	comp-Z,95nm,1.8s		LR	LR	07 21 01.5	
KURB	comp-Z,5um,18.5s		LR	LR	07 21 01.5	
KURB	Kurchatov Arra	63.92 321	P	P	06 50 29.6	-0.9
ZSN	Zaisan	63.92 315c	iP	P	06 50 30.5	-0.1
ZSN	comp-Z,24nm,0.7s		eS	S	06 59 06.0	+1.6
ZSN	Zaisan	63.92 315	iP	P	06 50 30.6	-0.1
ZSN	comp-Z,24nm,0.7s		eS	S	06 59 06.1	+1.6
CNSH	ChangSha	64.08 283	iP	P	06 50 32.1	+0.2
CNSH	comp-Z,150nm,1.1s		pmax	pmax	06 59 09.3	+2.5
CNSH	comp-Z,920nm,20.0s		L	L		
CNSH	comp-Z,1um,20.1s		L	L		
CNSH	comp-Z,1um,15.4s		L	L		
MOL	Molde	64.16 5	eP	IAMB	06 50 31.8	-0.1
MOL	comp-Z,32nm,0.8s		IAMB	IAMB	06 50 32.8	
SVE	Sverdlouvs	64.31 335d	eP	P	06 50 32.9	-0.1
SVE	comp-Z,167nm,1.1s		pmax	pmax	06 59 14.8	+5.9
SVE	comp-Z,3um,17.0s		MLR	MLR		
ENH	Enshi	64.51 287	P	P	06 50 34.3	-0.5
ENH	comp-Z,1um,22.0s		IAMs_20	IAMs_20	07 17 44.7	
ENH	Enshi	64.51 287	P	P	06 50 34.9	+0.1
ENH	comp-Z,2um,20.0s		IAMs_20	IAMs_20	07 17 44.7	

AKN	Aaknes	64.53 5	eP	P	06 50 34.4	0.0
AKN	comp-Z,206nm,0.9s		IAMB	IAMB	06 50 35.4	
AKN	AKN		ePP	PP	06 52 58.3	+2.6
AKN	AKN		eS	S	06 59 14.7	+3.3
AKN	AKN		IAMs_20	IAMs_20	07 23 25.1	
KLMR	Klimovskoe	64.60 348	eP	P	06 50 31.1	-3.7
KLMR	comp-Z,176nm,1.2s		pmax	pmax		
DOMB	Dombas	64.75 4	eP	IAMB	06 50 35.2	-0.6
DOMB	comp-Z,109nm,0.9s		IAMB	IAMB	06 50 36.2	
DOMB	Borovoye Array	64.78 327	eP	PP	06 52 58.3	+0.6
DOMB	comp-Z,124nm,0.6s		baz=44,slow=6.6,SNR=279		06 50 36.0	-0.2
BVAR	Borovoye	64.78 327	P	P	06 50 36.0	-0.2
BVAR	comp-Z,1.2nm,0.8s		baz=20,slow=4.7,SNR=3.6		07 19 22.6	-1.1
BVAR	Borovoye	64.78 327	P	P	06 50 36.0	-0.2
BVAR	comp-Z,124nm,0.8s		IAMB	IAMB	06 50 37.8	-0.9
BORK	Borovoye	64.79 327	P	P	06 50 35.8	-0.4
BORK	comp-Z,172nm,1.1s		pmax	pmax		
BORK	comp-Z,3um,17.0s		MLR	MLR		
BORK	Borovoye	64.79 327	P	P	06 50 35.9	-0.2
060A	Indiantown	64.89 78	IAMs_20	IAMs_20	07 17 05.4	
FOO	Flo	64.99 6	eP	IAMB	06 50 37.1	-0.2
FOO	comp-Z,102nm,1.0s		IAMB	IAMB	06 50 37.9	
FOO	FOO		eS	SS	06 59 18.4	+1.3
FOO	FOO		eS	SS	07 03 26.9	-1.1
KIRV	Kirov	65.19 342c	iP	P	06 50 37.8	-0.9
FIAT	FINESS Array S	65.23 355	P	P	06 50 38.1	-0.8
FINES	FINESS Array B	65.24 355	P	P	06 50 37.9	-1.0
FINES	comp-Z,81nm,0.9s		baz=18,slow=6.6,SNR=130		07 19 26.1	-6.8
FINES	comp-Z,5.4nm,1.1s		baz=186,slow=15.5,SNR=4.7		07 21 17.4	
FINES	comp-Z,2um,18.4s		baz=8.5,slow=38		07 21 17.4	
FINES	comp-Z,81nm,0.9s		pmax	pmax	06 50 38.1	-0.8
FINES	Arti	65.27 336	LR	LR	07 21 36.0	
ARTI	Arti	65.27 336c	iP	P	06 50 38.0	-1.2
ARTI	comp-Z,1um,21.7s		baz=40,slow=38		06 51 10.8	
ARTI	Arti		PPP	PPP	06 50 37.8	-0.9
ARTI	Arti		S	S	06 59 20.4	+0.3
ARTI	Arti		pmax	pmax	07 00 31.1	
ARTI	comp-Z,231nm,1.1s		MLR	MLR		
ARTI	comp-Z,3um,18.0s		MLR	MLR		
ARTI	Arti	65.27 336	P	P	06 50 38.6	-0.6
TEIG	Teigich	65.35 89	P	P	06 50 40.1	-0.2
TEIG	comp-Z,848nm,19.0s		IAMs_20	IAMs_20	07 20 39.4	
TEIG	Teigich	65.35 89	P	P	06 50 41.2	+0.9
TEIG	comp-Z,47nm,1.3s		IAMB	IAMB	06 50 40.7	+0.2
HYA	Hoyanger	65.49 5	eP	IAMB	06 50 40.7	+0.2
HYA	comp-Z,29nm,0.9s		IAMB	IAMB	06 50 42.6	
HYA	Hoyanger		ePP	PP	06 53 05.6	+1.6
HYA	Hoyanger		eS	SS	06 59 22.0	-1.2
HYA	Hoyanger		eS	SS	07 03 35.1	+1.4
HYA	Hoyanger		eS	SS	07 03 37.9	+2.1
HYA	Hoyanger		IAMs_20	IAMs_20	07 10 31.7	
SUE	Sulen	65.52 6	eP	IAMB	06 50 40.6	-0.1
SUE	comp-Z,27nm,0.8s		IAMB	IAMB	06 50 41.9	
SUE	Sulen		eS	S	06 59 25.7	+2.2
SUE	comp-Z,517nm,24.4s		IAMs_20	IAMs_20	07 15 28.9	
MK31	Makanchi Array	65.52 316	iP	P	06 50 40.0	-1.1
MK31	comp-Z,28nm,0.8s		pmax	pmax		
MKAR	Makanchi Array	65.52 316	P	P	06 50 40.0	-1.0
MKAR	comp-Z,28nm,0.8s		baz=50,slow=6.5,SNR=180		07 19 25.7	-5.3
MKAR	comp-Z,0.8nm,0.9s		baz=9.5,slow=3.7,SNR=3.6		07 20 33.1	
MKAR	comp-Z,3um,20.2s		baz=25,slow=37		07 20 33.1	
WMQ	Urumqi	65.53 311	iP	P	06 50 41.6	+0.4
WMQ	comp-Z,28nm,0.8s		S	S	06 50 51.4	+0.4
WMQ	Urumqi		eP	PP	06 55 10.6	+0.4
WMQ	Urumqi		S	S	06 59 28.5	+4.0
WMQ	comp-Z,81nm,0.9s		pmax	pmax		
WMQ	comp-Z,460nm,3.6s		L	L		
WMQ	comp-Z,3um,19.3s		L	L		
WMQ	comp-Z,1um,22.9s		L	L		
WMQ	comp-Z,1um,21.1s		L	L		
NC204	NORSAR Array S	65.58 3	P	P	06 50 41.0	-0.3
MA						

CLL	Collm	75.62	2	P	P	06 51 41.9 -0.6
CLL	Collm	75.62	2	↑P	P	06 51 42.3 -0.2
CLL	Collm	75.62	2	↑P	P	06 51 51.0 +1.4
CLL	Collm	75.62	2	↑P	P	06 51 53.3 +1.0
CLL	Collm	75.62	2	↑P	P	06 51 56.7 +1.4
CLL	Collm	75.62	2	↑P	P	06 54 30.0 +1.3
CLL	Collm	75.62	2	↑P	P	06 56 19.0
CLL	Collm	75.62	2	↑P	P	07 01 23.0 +1.5
CLL	Collm	75.62	2	↑P	P	07 02 03.0
CLL	Collm	75.62	2	↑P	P	07 06 12.0 +0.5
CLL	Collm	75.62	2	↑P	P	07 09 48.0
CLL	Collm	75.62	2	↑P	P	07 32 00.0
CLL	Collm	75.62	2	↑P	P	06 51 42.5 0.0
AK21	Malin Array Si	75.63 352	P	P	P	06 51 41.2 -1.4
AK23	Malin Array Si	75.63 352	P	P	P	06 51 41.5 -1.1
AK22	Malin Array Si	75.63 352	P	P	P	06 51 41.6 -1.1
AK03	Malin Array Si	75.63 352	P	P	P	06 51 41.7 -1.1
AK20	Malin Array Si	75.63 352	P	P	P	06 51 41.8 -1.0
UCC	Uccle	75.68	8	I Amb	I Amb	06 51 44.3
UCC	Uccle	75.68	8	dP	P	06 51 42.5 -0.4
UCC	Uccle	75.68	8	dP	P	06 51 54.4 -0.4
UCC	Uccle	75.68	8	dP	P	06 51 54.0 +0.2
AK04	Malin Array Si	75.68 352	P	P	P	06 51 41.9 -0.9
NEUB	Neuenburg	75.69	3	eP	P	06 51 43.3 +0.5
NEUB	Neuenburg	75.69	3	eP	P	07 01 34.4 +1.2
NEUB	Neuenburg	75.69	3	eP	P	06 51 43.4 +0.5
AK18	Malin Array Si	75.69 352	P	P	P	06 51 41.9 -1.0
AK19	Malin Array Si	75.69 352	P	P	P	06 51 41.9 -1.0
AKASG	Malin Array Be	75.69 352	P	P	P	06 51 42.1 -0.9
AKASG	Malin Array Be	75.69 352	P	P	P	07 27 08.1
AKASG	Malin Array Be	75.69 352	P	P	P	06 51 42.0 -1.0
AKASG	Malin Array Be	75.69 352	P	P	P	06 51 43.6
AKBB	Malin Array Si	75.70 352	eP	P	P	06 51 42.0 -1.0
AKBB	Malin Array Si	75.70 352	eP	P	P	06 51 42.7
AKBB	Malin Array Si	75.70 352	eP	P	P	06 51 41.9 -1.0
KIEV	Kiev	75.71 352	↑P	P	P	06 51 42.1 -0.8
KIEV	Kiev	75.71 352	↑P	P	P	06 51 42.4 -0.6
KIEV	Kiev	75.71 352	↑P	P	P	06 51 42.3 -0.6
KIEV	Kiev	75.71 352	↑P	P	P	06 51 42.3 -0.6
KIEV	Kiev	75.71 352	↑P	P	P	06 51 42.3 -0.6
KIEV	Kiev	75.71 352	↑P	P	P	06 51 42.3 -0.6
KIEV	Kiev	75.71 352	↑P	P	P	06 51 41.9 -1.1
KIEV	Kiev	75.71 352	↑P	P	P	06 51 42.3 -0.7
AK01	Malin Array Si	75.71 352	P	P	P	06 51 42.0 -1.0
AK15	Malin Array Si	75.72 352	P	P	P	06 51 42.0 -1.0
AK11	Malin Array Si	75.73 352	P	P	P	06 51 42.1 -1.0
BTK	Batken	75.73 320	P	P	P	06 51 43.2 +0.2
BTK	Batken	75.73 320	P	P	P	06 51 43.6 +0.2
BTK	Batken	75.73 320	P	P	P	06 51 43.8 +0.3
BTK	Batken	75.73 320	P	P	P	06 51 52.5 -0.8
AK17	Malin Array Si	75.73 352	P	P	P	06 51 42.1 -1.0
AK16	Malin Array Si	75.74 352	P	P	P	06 51 42.2 -1.0
AK02	Malin Array Si	75.75 352	P	P	P	06 51 42.0 -1.2
AK12	Malin Array Si	75.76 352	P	P	P	06 51 42.1 -1.2
AK08	Malin Array Si	75.76 352	P	P	P	06 51 42.1 -1.2
AK09	Malin Array Si	75.78 352	P	P	P	06 51 42.2 -1.2
AK14	Malin Array Si	75.78 352	P	P	P	06 51 42.2 -1.2
AK05	Malin Array Si	75.78 352	P	P	P	06 51 42.2 -1.2
AK10	Malin Array Si	75.80 352	P	P	P	06 51 42.3 -1.2
AK13	Malin Array Si	75.80 352	P	P	P	06 51 42.3 -1.2
AK06	Malin Array Si	75.82 352	P	P	P	06 51 42.4 -1.2
HGN	Heimangrove	75.84	7	P	P	06 51 44.1 +0.4
DRK	Karamyk	75.84 319	P	P	P	06 51 44.7 +0.3
DRK	Karamyk	75.84 319	P	P	P	06 51 45.2 -1.2
AK07	Malin Array Si	75.85 352	P	P	P	06 51 45.4 +0.6
MOKO	MOKOCHONG	75.92 295	eP	P	P	06 51 56.7
MOKO	MOKOCHONG	75.92 295	eP	P	P	06 51 56.7
MEM	Membach	76.00	7	dP	P	06 51 44.7 +0.1
MEM	Membach	76.00	7	dP	P	07 01 27.1 +1.4
MEM	Membach	76.00	7	dP	P	06 51 45.1 +0.4
UBBA	Unterbreizbach	76.01	4	eP	P	06 51 43.3 -1.3
UBBA	Unterbreizbach	76.01	4	eP	P	07 01 35.3 +1.0
UBBA	Unterbreizbach	76.01	4	eP	P	06 51 43.5 -1.1
BRG	Bergglashubel	76.08	2	eP	P	06 51 45.3 +0.2
BRG	Bergglashubel	76.08	2	eP	P	07 01 38.5 +1.2
BRG	Bergglashubel	76.08	2	eP	P	06 51 45.3 +0.2
BRG	Bergglashubel	76.08	2	eP	P	06 51 45.3 +0.2
BRG	Bergglashubel	76.08	2	eP	P	06 51 56.6 -0.4
BRG	Bergglashubel	76.08	2	eP	P	06 52 05.6
BRG	Bergglashubel	76.08	2	eP	P	07 01 34.0 +7.4
SWI	Sorong	76.09 249	P	P	P	06 51 46.2 +0.6
KSP	Ksiaz	76.13	0	P	P	06 51 45.1 -0.3
BCLA	Clavier	76.13	7	dP	P	06 51 45.7 +0.3
BCLA	Clavier	76.13	7	dP	P	06 51 56.4 -1.1
BGES	Gesves	76.15	7	dP	P	06 51 45.6 +0.1
BMRD	Mareduos	76.21	8	dP	P	06 51 45.5 -0.3
BMRD	Mareduos	76.21	8	dP	P	07 01 29.6 +1.5
MOX	Moxa	76.25	3	eP	P	06 51 46.4 +0.3
MOX	Moxa	76.25	3	eP	P	07 07 04.6 +4.4
MOX	Moxa	76.25	3	eP	P	07 29 07.5
MOX	Moxa	76.25	3	eP	P	06 51 46.6 +0.5
HSK	Hora Svate Kat	76.33	2	P	P	06 51 46.8 +0.2
HSK	Hora Svate Kat	76.33	2	P	P	07 01 32.9 +3.4
HSK	Hora Svate Kat	76.33	2	P	P	07 37 10.0
HSK	Hora Svate Kat	76.33	2	P	P	06 51 47.2 +0.6
CHVC	Chvalec	76.38	0	eP	P	06 51 47.3 +0.4
CHVC	Chvalec	76.38	0	eP	P	06 51 47.3 +0.4
CHVC	Chvalec	76.38	0	eP	P	07 34 00.0
SDDR	Presa de Saban	76.39	77	I Amb	I Amb	06 52 10.7
SDDR	Presa de Saban	76.39	77	I Amb	I Amb	07 25 19.5
SDDR	Presa de Saban	76.39	77	I Amb	I Amb	06 51 48.2 +0.8
SDDR	Presa de Saban	76.39	77	I Amb	I Amb	06 51 47.1 +0.3
RCHB	Rochefort	76.39	7	dP	P	06 51 57.5 -1.1
RCHB	Rochefort	76.39	7	dP	P	06 51 47.0 +0.1
DOU	Dourbes	76.40	8	dP	P	06 51 47.1 +0.2

DOU	Richard	76.41	1	eS	P	07 01 31.1 +0.9
RICC	Ostas	76.41	1	eP	S	06 51 47.7 +0.7
OSTC	Ostas	76.41	0	eP	S	06 51 47.5 +0.5
OSTC	Ostas	76.41	0	eP	S	07 01 35.5 +5.2
OSTC	Ostas	76.41	0	eP	S	06 51 47.6 +0.5
OSTC	Ostas	76.41	0	eP	S	07 01 35.5 +5.2
OSTC	Ostas	76.41	0	eP	S	07 34 40.0
PLN	Plauen	76.42	3	eP	P	06 51 47.3 +0.2
PLN	Plauen	76.42	3	eP	P	07 01 41.7 +1.1
PLN	Plauen	76.42	3	eP	P	06 51 47.8 +0.5
PLN	Plauen	76.42	3	eP	P	07 01 35.3 +4.5
UPC	Uppice	76.46	0	eP	P	06 51 47.8 +0.5
UPC	Uppice	76.46	0	eP	P	07 01 35.3 +4.5
UPC	Uppice	76.46	0	eP	P	07 34 00.0
UPC	Uppice	76.46	0	eP	P	06 51 47.7 +0.4
TANN	Tannenbergha	76.50	3	P	P	06 51 47.9 +0.2
TANN	Tannenbergha	76.50	3	P	P	07 01 42.1 +1.1
TANN	Tannenbergha	76.50	3	P	P	06 51 48.0 +0.4
JSA	Saint Aubin	76.59	12	eP	P	06 51 48.2 +0.2
JSA	Saint Aubin	76.59	12	eP	P	06 51 49.9
LUBAR	Lubur, Ukraine	76.60 352	P	P	P	06 51 46.7 -1.4
TEZP	TEZPUB	76.61 297	eP	P	P	06 51 47.5 -1.0
TEZP	TEZPUB	76.61 297	eP	P	P	06 52 00.4
DOBRUSKA	Dobruska-Polom	76.62	0	eP	P	06 51 48.9 +0.6
DPC	Dobruska-Polom	76.62	0	eP	P	06 51 57.2
DPC	Dobruska-Polom	76.62	0	eP	P	07 01 33.6 +0.9
DPC	Dobruska-Polom	76.62	0	eP	P	06 51 48.9 +0.6
DPC	Dobruska-Polom	76.62	0	eP	P	06 51 57.2 -0.8
DPC	Dobruska-Polom	76.62	0	eP	P	07 01 33.6 +0.9
DPC	Dobruska-Polom	76.62	0	eP	P	07 34 40.0
DPC	Dobruska-Polom	76.62	0	eP	P	06 51 48.7 +0.4
DPC	Dobruska-Polom	76.62	0	eP	P	06 51 48.9 +0.6
KOHI	KOHIMA	76.62 295	eP	P	P	06 51 48.6 -0.2
KOHI	KOHIMA	76.62 295	eP	P	P	06 52 00.8
NKC	Novy Kostel	76.68	3	eP	P	06 51 48.5 -0.1
NKC	Novy Kostel	76.68	3	eP	P	06 51 48.5 -0.1
NKC	Novy Kostel	76.68	3	eP	P	06 51 48.5 -0.1
NKC	Novy Kostel	76.68	3	eP	P	07 38 00.0
NKC	Novy Kostel	76.68	3	eP	P	06 51 49.3 +0.7
NKC	Novy Kostel	76.68	3	eP	P	06 51 58.0 -0.4
OJC	Ojcow	76.71 358	P	P	P	06 51 48.4 -0.3
OJC	Ojcow	76.71 358	P	P	P	06 51 49.0 +0.3
GAR	Garm	76.84 320	P	P	P	06 51 50.1 +0.3
KRLC	Kralicky	76.89 360	eP	P	P	06 51 50.1 +0.3
KRLC	Kralicky	76.89 360	eP	P	P	06 51 58.6
KRLC	Kralicky	76.89 360	eP	P	P	06 51 50.1 +0.3
KRLC	Kralicky	76.89 360	eP	P	P	06 51 58.6 -1.0
KRLC	Kralicky	76.89 360	eP	P	P	07 35 00.0
KRLC	Kralicky	76.89 360	eP	P	P	06 51 50.3 +0.5
WLF	Walfardange	76.97	7	dP	P	06 51 50.6 +0.6
WLF	Walfardange	76.97	7	dP	P	06 52 00.3 +0.5
WLF	Walfardange	76.97	7	dP	P	06 51 50.9 +0.9
WLF	Walfardange	76.97	7	dP	P	07 01 50.8 +1.5
WLF	Walfardange	76.97	7	dP	P	06 51 51.0 +0.9
PRU	Pruhonice	76.97	1	eP	P	06 51 50.5 +0.3
PRU	Pruhonice	76.97	1	eP	P	07 01 40.3 +3.9
PRU	Pruhonice	76.97	1	eP	P	06 51 50.5 +0.3
PRU	Pruhonice	76.97	1	eP	P	07 33 10.0
PRU	Pruhonice	76.97	1	eP	P	06 51 50.6 +0.5
STEB	Steborice	77.03 359	eP	P	P	06 51 50.8 +0.3
GRA3	Graefenberg Arr	77.12	3	P	P	06 51 51.9 +0.9
OKC	Ostrava-Krasne	77.12 359	eP	P	P	06 52 00.9 +0.1
OKC	Ostrava-Krasne	77.12 359	eP	P	P	06 51 51.6 +0.6
OKC	Ostrava-Krasne	77.12 359	eP	P	P	06 51 51.6 +0.6
OKC	Ostrava-Krasne	77.12 359	eP	P	P	07 36 10.0
OKC	Ostrava-Krasne	77.12 359	eP	P	P	06 51 51.6 +0.6
GRA1	Graefenberg Arr	77.19	3	P	P	06 51 52.1 +0.7
GRF	Grabenberg Arr	77.19	3	P	P	06 51 52.2 +0.8
GRF	Grabenberg Arr	77.19	3	P	P	07 01 38.9 +0.1
GRF	Grabenberg Arr	77.19	3	P	P	07 07 24.7 +4.9
GRF	Grabenberg Arr	77.19	3	P	P	07 31 01.8
GRFO	Grabenberg Arr	77.19	3	P	P	07 27 05.4
GRFO	Grabenberg Arr	77.19	3	P	P	06 51 52.5 +1.1
MORC	Moravsky Berou	77.19 359	↑P	P	P	06 51 51.4 0.0
MORC	Moravsky Berou	77.19 359	↑P	P	P	06 51 51.4 0.0
MORC	Moravsky Berou	77.19 359	↑P	P	P	06 51 51.2
MORC	Moravsky Berou	77.19 359	↑P	P	P	06 51 51.5 0.0
MORC	Moravsky Berou	77.19 359	↑P	P	P	06

Table with columns: ELIB, NVL, Station Name, Time, Res. Includes Princess Elisa and N'azarevskaya.

SDD 13 06:55:27.4z, 2.5, 17.89N-71.51W, h15km, 13km, MD3.2, ML1.8, MW2.0, Presumed earthquake

OSPL 13 06:55:37.3z, 0.4, 18.20N-71.36W, h20km, 12km, ML1.4, Presumed earthquake

ISC 13 06:55:36.0z, 1.2, 18.32N-0.05:71.68W, 0.05, h10km, n7, 2554/12, 6C, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELI, LDU, JDR, NED, LON, LOB, SDD, RED.

IDC 13 07:00:32.2z, 3.3, 53.72N-88.10E, h0km, mbmp2.8/2, ML2.6/2, Error ellipse: s-maj=27.0km s-min=22.6km az=67.0

ASRS 13 07:00:30.0z, 0.8, 53.60N-87.92E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZAL, KUR, MKAR.

AEIC 13 07:01:00.0z, 0.9, 53.35N-0.10:163.66W, 0.05, h26km, 6km, Error ellipse: s-maj=14.2km s-min=9.9km az=17.0

NEIC 13 07:01:00.6z, 1.5, 53.48N-0.08:163.71W, 0.05, h19km, 5km, mb3.4/15, ML3.4/14, ML3.1(AEIC), Error ellipse: s-maj=12.1km s-min=3.6km az=194.0, Unimak Island region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSBA, AKSA, ISNN, AKUT, AKUT, AKUT, AKUT, AHB, AKBB, ZRO, AKV, AKLV, AKG, AKGG, LVA, LVA, MNAT, DT1, DTNA, MGOD, MAPS, DOL, HAG, PS1A, SDPT, VNF, VNF, VNF, CHGN, CHGN, CHIR, CHIR, CHIR, SP1A, O14K, O15K, SII, P16K, ATKA, N14K, O16K, AMKA, J18K, RC01, P23K, K20K, PWL, HIN, J20K, FID, SCM, KAIM, KLU, MLY, VRDI, IMAR, H23K, J25K, M27K, C23K, BCAR, PRP, COLD, COLD, O29M, O29M, I26K.

Table with columns: M29M, M29M, DAWY, I27K, M30M, M30M, I28M, H29M, H29M, P33M, P33M, G30M, G30M, H31M, YKA, YKAWI, TXAR, MKAR, ABKAR, ABKAR. Includes Somme Creek, Dawson, Minto, Miner Creek, Whitestone, Teslin, Taoh, Peel River, Yellowknife, Yellowknife Wh, Lajitas Array, Makanchi Array, Akbulak array, Akbulak array.

OSPL 13 07:01:45.6z, 1.6, 18.31N-71.65W, h5km, 12km, ML1.8, Presumed earthquake

SDD 13 07:01:45.9z, 1.9, 18.32N-71.71W, h12km, 28km, MD3.1, ML1.6, MW2.7, Presumed earthquake

ISC 13 07:01:45.4z, 1.3, 18.32N-0.04:71.66W, 0.04, h4km, 17km, n8, 0871/14, 7C, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LDU, LDU, LDU, JDR, JDR, JDR, NED, NED, NED, LON, LON, LON, LOB, LOB, LOB, LOV, LOV, LOV, SDD, SDD, SDD, RED, RED, RED, RED, RED.

IDC 13 07:06:15.3z, 1.6, 8.03S-67.75E, h0km, mb3.8/8, mbmp3.8/8, Error ellipse: s-maj=52.7km s-min=26.2km az=47.0

NEIC 13 07:06:18.2z, 0.9, 7.86S-0.09:67.83E, 0.08, h10km, 1km, mb4.6/20, Error ellipse: s-maj=13.8km s-min=13.0km az=7.0

ISC 13 07:06:18.1z, 0.5, 7.91S-0.08:67.82E, 0.07, h15km, n67, 0555/59, mb4.4/21, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DGAR, H08S1, H08S3, H08S2, KAAM, ROCAM, MHEY, HVB, LODK, UOSS, UOSS, UOSS, CMAR, CMAR, CMAR, H04N1, H04N2, H04N3, DRK, KOOLE, TSUM, TSUM, H01W3, H01W2, H01W1, MKAR, MKAR, BRTR, MKAR, FITZ, AB31, ABKAR, KURBB, MKAR, YOI, ZAAO, FAKI, FAKI, ASAR, ASAR, ASAR, WRA, WRA, WRA, WRA, PDG, PDG, TLY, TLY, TLY.

Table with columns: AKBB, AKBB, KIEV, KIEV, USA0B, USA0B, USRK, NRIK, NRIK, JGF, JGF, JHU2, MD31, DPSS, NC03, KEV, KEV, EKA, EKA, ESK, R40A, PBMO, BW06, PD31, PDAR, PDAR, PDAR, T42A, AHID, NVAR, NVAR. Includes Main Array, Kiev, Ussuriysk, Noril'sk, Kuroka, Mitsune, Saipan, NORARS, Kevo, Eskdalemuir, Eskdalemuir, Madelene, Boulder Array, Pinedale Array, Pinedale Array, Van Buren, Auburn Hatcher, Mina Array.

IDC 13 07:06:31.5z, 21.0, 23.30S-177.58W, h181km, 141km, mb3.5/2, mbmp3.9/3, ML4.8/1, Error ellipse: s-maj=228.0km s-min=40.2km az=136.0, South of Fiji Islands

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

NEIC 13 07:27:45.0z, 1.1, 53.35N-0.03:163.66W, 0.05, h22km, 5km, mb3.5/11, ML3.3/14, ML3.1(AEIC), Error ellipse: s-maj=5.0km s-min=3.8km az=57.0

AEIC 13 07:27:45.6z, 0.7, 53.37N-0.03:163.66W, 0.07, h25km, 6km, Error ellipse: s-maj=5.9km s-min=4.7km az=103.0

ISC 13 07:27:46.2z, 5.3, 53.40N-0.08:163.63W, 0.04, h32km, 17km, n79, 0884/86, Unimak Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSBA, AKSA, ISNN, AKUT, AKUT, AKUT, AHB, AHB, ZRO, AKV, AKGG, LVA, LVA, MNAT, AKRB, MNAT, DT1, DTNA, MGOD, MAPS, DOL, PS4A, PS1A, OKFG, OKTU, SDPT, SDPT, SDPT, SDPT, OKNC, OKNC, OKNC, VNF, VNF, VNF, CHGN, CHGN, CHGN, CHGN, CHGN, SP1A, O14K, O15K, SII, P16K, ATKA, N14K, O16K, AMKA, J18K, RC01, P23K, K20K, PWL, HIN, J20K, FID, SCM, KAIM, KLU, MLY, VRDI, IMAR, H23K, J25K, M27K, C23K, BCAR, PRP, COLD, COLD, O29M, O29M, I26K.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like RC01 Rabbit Creek A, H23K Yukon River, N30M Aishikhi Lake, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, TORO Torodi Arr, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like N18K Kilae Creek, K13K Kusilvak Mount, L16K Ohwat River, etc.

IDC 13 07:45:44.2,0.9, 13:07N:51:37E, h0km, mb3.9/18, mbmp3.8/19, ML3.0/1, MS4.0/2, Error ellipse: s-maj=22.5km s-min=15.9km az=177.0

NEIC 13 07:45:46.5, 1.4, 13:13N:0:09.51:37E:0.09, h10km, 1km, mb4.5/32, Error ellipse: s-maj=15.9km s-min=13.8km az=143.0

OMAN 13 07:45:55.3, 1.2, 14:12N:51:16E, h10km, m4.3, Error ellipse: s-maj=10.5km s-min=7.7km az=154.0

ISC 13 07:45:46.1, 0.5, 13:24N:0:06.51:38E:0.06, h10km, n85, r155/96, mb4.3/29, Eastern Gulf of Aden

ESDC ESDC Sonseca Array 55.10 309 P Iamb Iamb P 07 55 19.0 +0.3

ESDC ESDC Sonseca Array 55.10 309 P Iamb Iamb P 07 55 19.0 +0.3

ESDC ESDC Sonseca Array 55.10 309 P Iamb Iamb P 07 55 19.0 +0.3

ESDC ESDC Sonseca Array 55.10 309 P Iamb Iamb P 07 55 19.0 +0.3

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like RBK Rabkut, WHFO Wadi Hawi, DMTO DMTO, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ARCES ARCES Array B, EKA Eskdalemuir, ASCN Ascension, etc.

SHEM SHEM Melozitna Rive 13.51 19 AML AML P 07 55 44.0 +3.2

SHEM SHEM Melozitna Rive 13.51 19 AML AML P 07 55 44.0 +3.2

SHEM SHEM Melozitna Rive 13.51 19 AML AML P 07 55 44.0 +3.2

SHEM SHEM Melozitna Rive 13.51 19 AML AML P 07 55 44.0 +3.2

NEIC 13 07:52:29.9, 2.1, 53:33N:0:06:163:62W:0.05, h11km, 6km, mb3.6/27, ML3.3/12, ML3.2/AEIC, Error ellipse: s-maj=8.6km s-min=4.6km az=171.0

IDC 13 07:52:30.6, 1.8, 53:65N:163:78W, h0km, mb3.4/6, mbmp3.6/8, ML3.7/2, Error ellipse: s-maj=45.0km s-min=16.5km az=167.0

AEIC 13 07:52:33.4, 2.3, 53:42N:0:04:163:70W:0.05, h27km, 5km, Error ellipse: s-maj=6.5km s-min=4.3km az=200.0

ISC 13 07:52:28.8, 3.2, 53:31N:0:07:163:58W:0.04, h6km, 21km, n126, r152/134, mb3.77, Unimak Island region

NEIC 13 07:52:29.9, 2.1, 53:33N:0:06:163:62W:0.05, h11km, 6km, mb3.6/27, ML3.3/12, ML3.2/AEIC, Error ellipse: s-maj=8.6km s-min=4.6km az=171.0

IDC 13 07:52:30.6, 1.8, 53:65N:163:78W, h0km, mb3.4/6, mbmp3.6/8, ML3.7/2, Error ellipse: s-maj=45.0km s-min=16.5km az=167.0

AEIC 13 07:52:33.4, 2.3, 53:42N:0:04:163:70W:0.05, h27km, 5km, Error ellipse: s-maj=6.5km s-min=4.3km az=200.0

ISC 13 07:52:28.8, 3.2, 53:31N:0:07:163:58W:0.04, h6km, 21km, n126, r152/134, mb3.77, Unimak Island region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like M29M Somme Creek, N30M Aishikhi Lake, NAWM Dawson, etc.

MMPY MMPY Sheldon Lake, 19.27 49 P Iamb Iamb P 07 56 16.0 +0.6

E29M E29M Blow River, 19.38 29 P P P 07 56 54.7 -0.2

F30M F30M Barrier River, 19.37 32 P Iamb Iamb P 07 56 56.1 -0.8

INX INX Inuvik, 20.66 32 P Iamb Iamb P 07 57 08.8 0.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like SOHO SOHO, ASUD AI Ashudub, ASUD AI Ashudub, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like SSBA Shishaldin, AKSA Akutan Strait, ISANT Isanotski Nort, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like PEA0B Petropavlovsk, PETK Petropavlovsk, A36M Sachs Harbour, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like BR13 Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like MGOD Makushin Gods, MAPS Pakushin South, MAPS Pakushin South, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TXAR Lajitas Array, SONM Songio Array, SONM Songio Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ARSB Arslanbob, KK31 Karatay Array, KKAR Karatay Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like OKCE Okmok Cone E, CNBA Chernabura Isl, YNFG Fog Glacier, etc.

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

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like AKASG Malin Array B, MAKZ Makanchi, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ABKD Sidi Amar, ABA Alger-Bouzare, EHRZ Djeldia, etc.

CRAAG 13 08:04:47.9, 36:39N:2:69E, M4.2, Algrie 04km SW, AIn-Romana, IDC 13 08:04:47.9, 0.8, 36:47N:2:65E, h0km, mb3.7/8, mbmp3.7/13, ML3.6/5, MS3.1/1, Error ellipse: s-maj=16.2km s-min=10.6km az=168.0

Table with columns: SDPT, comp=N,363nm,1.2s, IAML, 08 23 45.4, etc. Lists various stations and their coordinates.

Table with columns: N30M, comp=E,4.3nm,0.8s, 16.21 21 Pn, Iamb, Iamb, 08 26 19.3, etc. Lists stations with specific parameters and coordinates.

Table with columns: PS4A, Pavlov South-4, 2.19 26 Pn, 08 25 19.8 +1.6, etc. Lists stations with specific parameters and coordinates.

IDC 13 08:24:48.9, 1.0, 2.98S, 130.87E, h0km, mb4.0/10, mbtm4.0/11, ML4.0/11, MS3.1/5, Error ellipse: s-maj=46.9km s-min=16.1km az=79.0, NEIC 13 08:24:50.3, 1.0, 3.24S, 0.06E, 130.44E, h10km, 1km, mb4.1/14, Error ellipse: s-maj=11.7km s-min=8.2km az=326.0, DJA 13 08:24:56.3, 1.1, 3.5S, 13.1E, h29km, 13km, M4.7/10, mb5.7/2, mbs.5/3, MLV4.4/10, Mw(mB)5.2/2, ISC 13 08:24:51.8, 0.5, 3.20S, 0.05E, 100.60E, 0.04, h24km, n59, 1.4um3jms395nm,0.7s

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc. Lists station codes and names.

13d 8h

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

IDC 13 08:26:02.94-1.53:75N:88.00E, h0km, mbmp3.0/2, ML2/6/2, Error ellipse: s-maj=33.4km s-min=18.2km az=71.0

ASRS 13 08:25:59.01.0.53:79N:88.25E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022, Southwestern Siberia

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

IDC 13 08:43:15.9.1.3.30:72S:179:70W, h334km, 12km, mb3.7/11, mbtmp4.4/13, Error ellipse: s-maj=13.1km s-min=10.3km az=126.0

NEIC 13 08:43:16.5.1.4.30:86S:01:10:179:71W.0/1, h338km, 6km, mb4.4/31, Error ellipse: s-maj=14.3km s-min=13.9km az=130.0

WEL 13 08:43:17.5.0.9.31:8.8:17:9W.1'8, h295km, 12km, M4.9/18, mbB5.2/13, ML5.0/15, MLv5.4/18, Mw(Mb)4.6/13, Error ellipse: s-maj=24.9km s-min=6.9km az=107.8, confirmed

NOU 13 08:43:32.4.32:62S:179:87W, h322km, MLv4.9/11, South of Kermadec Islands

ISC 13 08:43:15.8.0.3.31:01S:0:04:179:43W.0:07, h350km, n206, c252/218, mb4.2/24, 2C-2D, Kermadec Islands region

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

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Main table with columns: Station, Name, Az, Phase, ID, Time, Res, ISC. Includes stations like EDRZ Edgcombe, URZ Urewera, URZ Urewera, etc.

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Table with columns: Station, Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ASAR comp=Z.1.1nm,0.6s, etc.

IDC 13 08:56:37.7-1.9.2:27N:124.61E, h0km, mb3.5/5, mbtmp3.5/5, MS3.0/1, Error ellipse: s-maj=294.1km s-min=21.3km az=64.0, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Virojoki, Hetta, ARCES ARCESS Array B, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M16K, Timber Creek, KBZ, etc.

WEL 13 10:01:38.31.1.32'S, 15.177'W, 3.2, h476km, 17km, mb4.9, mB3.9/5, ML4.3/9, MLV4.5/6, Mw(mB)2.9/5, Error ellipse: s-maj=45.8km s-min=6.9km az=114.4, confirmed, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, BBUI Bungulung, WBO Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, QSPA South Pole Qui, QSPA South Pole Qui, etc.

NEIC 13 10:29:14.0.1.0.24'S, 0.1:179.9W, 0.1, h517km, 5km, mb4.1/2.0, Error ellipse: s-maj=19.9km s-min=15.6km az=107.0

ISC 13 10:29:13.3.1.5.24'S, 265'S, 179.95W, h513km, 15km, mb3.2/9, mbmp4.1/13, Error ellipse: s-maj=20.3km s-min=16.0km az=112.0

ISC 13 10:29:12.6.0.7.24'S, 35S, 0:08, 179.9W, 0.1, h505km, n36, c080/33, mb3.9/18, South of Fiji Islands

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

ISC 13 10:05:21.3.4.4.24'S, 295'S, 177.01W, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=195.9km s-min=48.9km az=147.0, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, CAN Canberra, etc.

ISC 13 10:06:00.0.0.6.0'30S, 125.20E, h0km, mb4.2/18, mbtmp4.2/20, ML3.7/2, MS3.2/10, Error ellipse: s-maj=27.8km s-min=12.8km az=75.0

DJA 13 10:06:05.1.0.2.0'S, 2.12'E, h10km, MA.7/31, mb5.0/12, mB5.3/6, MLV4.6/31, Mw(mB)4.7/6

NEIC 13 10:06:05.4.2.0.0'29S, 0:03, 125.29E, 0.02, h29km, 6km, mb4.5/30, Error ellipse: s-maj=11.0km s-min=3.5km az=180.0

GFZ 13 10:06:06.2.0.3.0'S, 3.12'E, h48km, 4km, MA.7/17, mb4.7/17, Error ellipse: s-maj=6.8km s-min=4.9km az=20.3, confirmed

ISC 13 10:06:05.7.0.4.0'35S, 0:04, 125.26E, 0.05, h35km, n112, c1868/105, mb4.4/47, SOUTHERN Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNI Manado, SANI Sanana, TINTI Ternate, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HEH Heihe, SONMI Songino Array, PETK Petrovlovsk, etc.

PTWC 13 10:41:27.17.90N, 67.00W, h13km, M3.7/11, OSPL 13 10:41:28.7.0.3.17.81N, 66.94W, h11km, 3km, ML3.5, Presumed earthquake

RSRPR 13 10:41:29.2.1.17.97N, 66.96W, h9km, M3.4/15, NEIC 13 10:41:29.2.1.17.96N, 67.03, 66.96W, 0.008, h10km, 1km, ML3.5/37, M3.4/15 (RSRPR), Error ellipse: s-maj=4.4km s-min=2.3km az=193.0

ISC 13 10:41:28.3.1.0.1792N, 0:05, 66.96W, 0.02, h17km, 5km, n70, c0849/76, 10C-6D, Puerto Rico region

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

Table with columns: HNR, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Honiara, Stephens Creek, WRA, ASAR, QSPA, BRDH.

IDC 13 12:35:20.6:1.1, 32.79S:69.01W, h0km, mb3.8/3, mbmp3.7/4, ML3.7/1, MS3.3/3, Error ellipse: s-maj=78.9km s-min=26.6km az=84.0

SJA 13 12:35:22.7:1.7, 32.71S:71.46W, h29km, 3km, ML3.5, MW3.9

GUC 13 12:35:23.1:0.7, 32.68S:71.52W, h13km, 3km, ML3.7

ISC 13 12:35:22.1:2.1, 32.67S:02.7151W, 0.03, h17km, gkm, n57, c0578/90, mb3.9/3, MS3.5/3, 11C-9D, Near coast of central Chile

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations like Torpederas, El Roble, Curacav, Los Peladeros, etc.

Table of station data for stations BO01 to BO02, AAGR, GO05, GO04, AVIZ, ZON, SJA, AROD, AACL, PLCA, SNA, QSPA, TXAR, RAR, ULM, KURB, ZALV, etc.

ASRS 13 12:42:45.0:1.3, 51.79N:82.70E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 13 12:42:39.7:1.4, 51.78N:82.02E, h0km, mbmp2.6/2, ML1.9/2, 2C-2D, Error ellipse: s-maj=19.1km s-min=11.7km az=122.0, Southwestern Siberia

Table of station data for stations KURK, KURBB, KURB, ZALV, MKAR, etc.

IDC 13 13:08:10.6:3.9, 22.55S:177.40W, h271km, 34km, mb3.2/7, mbmp3.9/8, Error ellipse: s-maj=35.4km s-min=20.5km

ISC 13 13:08:11.3:0.8, 22.55S:02.1774W, 0.2, h280km, n15, c095/12, mb3.3/7, South of Fiji Islands

Table of station data for stations MSVF, ASAR, WRA, NVAR, TROLL, SNA, VNA, TXAR, ILAR, CMAR, AKASG, EKA, BRTR, TORD, etc.

IDC 13 13:12:33.5:1.1, 40.47N:143.84E, h0km, mb3.7/8, mbmp3.8/11, ML3.3/3, Error ellipse: s-maj=28.8km s-min=18.6km az=93.0

JMA 13 12:36:20.2:0.2, 40.50N:0.8:14.4E, h43km, MV3.6/39, FAR E OFF SANRIKU

NIED 13 13:12:36.2:40.53N:143.80E, h43km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M1: -2.21; M2: 0.48; M3: 2.70; M4: 0.40; M5: -0.08; M6: 1.16; Fault plane solution: M2, 75000x10^14 NP1: 0.346, 0.00000, 0.34, 0.00000, -1, -110, 0.00000. NP2:

0.189, 0.00000, 0.859, 0.00000, -1, -77, 0.00000. ISC 13 13:12:34.3:3.5, 40.56N:0.05:143.86E, 0.06, h8km, 22km, n37, c1935/45, mb3.8/8, Off east coast of Honshu

Table of station data for stations JEM, JRM, JTH, JJK, JANG, JANG, JMIY, JNBK, JCH, JCH, JOT, JOT, JOT, JAH, JAH, JAK, JAK, JMK, JMK, JAR, JAR, JRG, JRG, JOMM, JOMM, NEM2, NEM2, JYK, JYK, JOU, JOU, JTRK, JTRK, MJAR, MJAR, MJAR, MJAR, JHU, JHU, JHU, JHU, JNU, JNU, H11N2, H11N2, H11N1, H11N1, H11N3, H11N3, H11S1, H11S1, H11S3, H11S3, H11S2, H11S2, ZALV, ZALV, MKAR, MKAR, KURBB, KURBB, ILAR, ILAR, BVAR, BVAR, WRA, WRA, ASAR, ASAR, FINES, FINES

IDC 13 13:16:11.0:1.1, 16.60S:170.73W, h0km, mb3.8/6, mbmp3.8/7, ML3.5/1, Error ellipse: s-maj=34.5km s-min=22.4km az=112.0, Samoa Islands region

Table of station data for stations AFI, AFI, AFI, AFI, URZ, URZ, H11S2, H11S2, H11S3, H11S3, H11S1, H11S1, H11N3, H11N3, H11N1, H11N1, H11N2, H11N2, WRA, WRA, ASAR, ASAR, QSPA, QSPA, NVAR, NVAR, ILAR, ILAR

ISK 13 13:35:15.5, 36.09N:31.24E, h13km, ML3.4/30, GII 13 13:35:15.3:0.0, 36.195N:0.003:31.320E, 0.001, h0km, Mw3.5, confirmed

AFAD 13 13:35:16.5, 36.24N:31.31E, h23km, 1km, ML3.3, NIC 13 13:35:17.4, 35.99N:31.19E, h26km, 3km, M3.4/15, ATH 13 13:35:18.1, 36.02N:31.137E, h35km, 14km, ML3.5/9, Latitude uncertainty: 4 km, Longitude uncertainty: 3 km

ISC 13 13:35:16.2:1.1, 36.06N:0.002:31.26E, 0.02, h12km, gkm, n109, c1927/145, Turkey

Table of station data for stations Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations MNVG, MNVG, KEMT, KEMT, AKUM, AKUM, AKUM, AKUM, GAZI, GAZI, GAZI, GAZI, GAZI, GAZI

Table with columns: CMIG, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Matias Romero, La Paz, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Warramunga Arr, FITZ, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JTAJ, JNN, JAM, and various ARCES stations.

Table with columns: MKAR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Makanchi Array, TIKI, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SAROU, SAROUT, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H01W1, H01W2, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR, WRA, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FITZ, VVDA, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SNA, CMAR, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SFK, NRN, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KST, TNS, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TNS, ARK, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MDO, KNC, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SATY and various ARCES stations.

Table with columns: SATY, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like UZB, KPKS, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VA01, ROCH, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MT02, VA03, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PEL, MT10, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MT16, MT01, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MT09, MT03, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BO04, CO02, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AVFE, VCA, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TINO, TCA, and various ARCES stations.

SJA 13 14:28:56.9, 0.6, 32.49S x 71.73W, h10km, ML3.7, MW3.6

GUC 13 14:28:56.4, 0.6, 32.63S x 71.80W, h24km, 27km, ML3.4

ISC 13 14:28:53.7, 1.5, 32.64S x 0.03, 71.79W, 0.06h, gkm, n38, r157/55, 1C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VA01, ROCH, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MT02, VA03, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PEL, MT10, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BO04, CO02, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AVFE, VCA, and various ARCES stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TINO, TCA, and various ARCES stations.

SOF 13 14:44:37.7, 41.84N, 0.01, 227.71E, 0.01, h5km, 1km, MD3/4/7

THE 13 14:44:39.0, 42.12N, 2.2, 3E, h0km, 1km, M2, 9/18, MLh2, 9/18

SKO 13 14:44:39.0, 41.77N, 22.74E, h15km, ML3.2

AFAD 13 14:44:39.6, 41.92N, 22.74E, h7km, 5km, ML3.1

13d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC Vranov, FETA Feichten, OKC Ostrava-Krasne, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PBDV Barranco-do-Ve Lormes, NEUB Neuenburg, UBBA Unterbreizbach, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISC 13 14:59:18.3:1.4, 34.88S:0.03:70.97W:0.05, h101km, gkm, n50, c098/71, 14C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like Sierra Bellavi, Tunca, Hualane, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like Hacienda Santa, Cerro Caljn, Popeta, etc.

SNET 13 15:07:47.4:2.0, 13.94N:89.92W, h6km, ML2.4, Presumed earthquake

CATAC 13 15:07:47.4:0.5, 14 N:2 x 9 OW:1, h3km-1km, M2.6/8, ML2.6/8, Error ellipse: s-maj=5.4km s-min=3.4km

GCG 13 15:07:47.6:0.7, 13.98N:89.93W, h6km, MD3.6, Presumed earthquake

ISC 13 15:07:47.2:1.2, 13.98N:0.05:70.97W:0.05, h11km, gkm, n22, c065/34, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like FAME, SLOZ, NUBE, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like TNA, F14K, C18K, etc.

DNK 13 16:08:31.2:1.6, 51.46N:16.12E, h24km, 53km, ML2.6, Presumed earthquake

IPEC 13 16:08:32.4:0.2, 51.64N:16.09E, h1km, ML2.9/8, Error ellipse: s-maj=1.9km s-min=1.8km az=65.0

IDC 13 16:08:32.0:0.7, 51.62N:15.88E, h0km, mbmp3.1/8, ML2.9/8, Error ellipse: s-maj=11.2km s-min=6.5km az=111.0

BGR 13 16:08:34.0:0.4, 51.56N:15.99E, h1km, ML3.2/15, Error ellipse: s-maj=4.4km s-min=2.2km az=13.0

GFZ 13 16:08:34.1:0.5, 52.14N:15.6E, h10km, M3.4/18 PRU 13 16:08:35.6:0.1, 52.2N:15.98E, h0km

ISC 13 16:08:30.6:0.7, 51.56N:16.02E:0.02, h0km, n115, c1560/206, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like KSP, KSP, Chvaic, etc.

SJA 13 15:07:36.2:0.7, 32.28S:71.89W, h15km, 3km, ML3.5, MW3.4

GUC 13 15:07:39.3:0.7, 32.25S:71.75W, h33km, 4km, ML3.4

ISC 13 15:07:36.2:1.8, 32.26S:0.02:71.92W:0.06, h9km, 11km, n38, c1518/70, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like Torpederas, El Roble, Curacav, etc.

AEIC 13 15:48:14.2:1.7, 67.47N:0.05:166.6W:0.2, h11km, gkm, Error ellipse: s-maj=12.1km s-min=4.2km az=120.0

NEIC 13 15:48:12.9:1.1, 67.57N:0.04:166.3W:0.2, h10km, 2km, mb_Lg2.4/17, ML2.7/14, ML2.5(AEIC), Error ellipse: s-maj=10.9km s-min=5.2km az=296.0, Bering Strait

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like C16K, D17K, RDOG, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ARCES ARCESS Array B, KRUC Mirovsky, and various other global stations.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KBA Koelnbreinsper, MORH Moi Rana, and various other global stations.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like BLS5 Blasjo, BFO Black Forest, and various other global stations.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Kusilvak Mount, Christian River, Anvik River, Babbarge River, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like WRAB Tennant Creek, Alice Springs, AS15 Alice Springs, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like WBO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: NEW, Newport, 4.11 342 Pn Pn, 19 55 26.0 +1.0, comp=N, 1.9nm, 0.3s, baz=155, slow=15, SNR=4.2, Lg, 19 56 29.9, comp=N, 7.0nm, 0.3s, baz=272, slow=20, SNR=2.0, comp=N, 8.5nm, 0.5s, AML, AML, 19 56 43.9, comp=N, 9.0nm, 1.5s, IAML, 19 56 58.5, comp=N, 6.8nm, 0.9s, IAML, 19 56 32.6, comp=N, 1.19nm, 1.0s, IAML, 19 56 34.5, comp=N, 1.49nm, 0.9s, IAML, 4.28 316 IAML, 19 56 44.8, comp=N, 1.35nm, 0.8s, IAML, 4.29 78 IAML, 19 56 44.2, comp=N, 7.9nm, 0.6s, IAML, 19 56 49.5, comp=N, 8.3nm, 0.7s, Pn Pn, 19 55 33.2 +4.1, Pinedale Array 4.40 109 Pn Pn, PDAR comp=N, 0.6nm, 0.3s, baz=230, slow=9.4, SNR=9.7, PDAR comp=N, 2.5nm, 0.3s, baz=309, slow=18, SNR=20, PDAR baz=292, slow=14, LR LR, 19 57 19.4, PDAR comp=N, 7.9nm, 19.5s, baz=322, slow=40, PDAR comp=N, 0.8nm, 0.5s, AML, AML, 4.41 272 IAML, 19 56 47.6, comp=N, 6.4nm, 1.0s, IAML, 19 57 07.7, comp=N, 4.4 283 IAML, 19 56 46.5, comp=N, 6.9nm, 1.5s, IAML, 19 56 53.0, comp=N, 7.1nm, 0.9s, Summer Lake Pn, 4.46 250 IAML, 19 56 57.7, comp=N, 5.3nm, 2.3s, MOD Modoc Plateau 4.48 238 IAML, 19 56 53.9, comp=N, 6.8nm, 1.2s, IAML, 19 56 59.5, comp=N, 7.4nm, 1.0s, IAML, 4.51 258 IAML, 19 56 48.0, comp=N, 4.9nm, 1.0s, IAML, 19 56 54.0, comp=N, 4.8nm, 1.4s, IAML, 4.54 156 IAML, 19 56 51.2, comp=N, 6.3nm, 1.6s, IAML, 19 56 60.0, comp=N, 8.8nm, 1.4s, IAML, 4.69 284 IAML, 19 57 06.8, comp=N, 5.3nm, 0.9s, IAML, 19 57 10.2, comp=N, 7.0nm, 1.5s, Liberty Lake Pn, 4.79 309 IAML, 19 56 57.5, comp=N, 5.5nm, 0.8s, IAML, 19 57 05.3, comp=N, 7.6nm, 1.0s, IAML, 4.99 151 IAML, 19 57 06.6, comp=N, 0.4nm, 0.2s, BSUT Blindstream Ca 5.04 138 IAML, 19 57 11.6, comp=N, 3.0nm, 1.5s, IAML, 19 57 20.4, comp=N, 3.0nm, 1.3s, IAML, 5.22 299 IAML, 19 57 21.8, comp=N, 2.8nm, 1.0s, YBH Yreka Blue Hor 6.11 247 Pn Pn, 19 55 54.4 +1.9, comp=N, 0.4nm, 0.3s, baz=15, slow=15, SNR=3.7, YBH Sn Sn, 19 57 03.2 +0.8, comp=N, 0.3nm, 0.3s, baz=17, slow=19, LR=1.9, YBH Lg Lg, 19 57 32.7, comp=N, 0.2nm, 0.3s, baz=348, slow=9.5, SNR=3.0, comp=N, 0.8nm, 0.3s, AML, AML, 6.38 203 Pn Pn, 19 55 59.5 +3.1, comp=N, 0.3nm, 0.3s, baz=21, slow=14, SNR=8.0, NVAR Pn Pn, 19 56 11.7 -1.8, comp=N, 1.5nm, 0.3s, baz=15, slow=14, SNR=16, NVAR Lg Lg, 19 57 39.0, comp=N, 2.6nm, 0.3s, baz=20, slow=32, SNR=5.8, NVAR LR LR, 19 58 31.5, comp=N, 6.2nm, 2.0s, baz=360, slow=40, NVAR AML AML, 10.79 186 LR LR, 20 01 23.7, comp=N, 1.9, 3s, baz=32, slow=39, PFM Lac du Bonnet 14.34 59 Lg Lg, 20 01 48.4, comp=N, 0.2nm, 0.3s, baz=336, slow=19, SNR=3.6, TXAR Lajitas Array 17.59 145 P P, 19 58 27.8 +0.4, comp=N, 0.1nm, 0.3s, baz=334, slow=13, SNR=2.7, comp=N, 0.2nm, 0.6s, AML, AML, 18.16 1 P P, 19 58 35.0 +0.7, comp=N, 0.1nm, 0.3s, baz=180, slow=12, SNR=1.9, YKA LR LR, 20 05 19.5, comp=N, 4.3nm, 20.4s, baz=344, slow=36, YKA AML AML, 26.98 330 P P, 20 00 03.9 +0.3, comp=N, 0.1nm, 0.6s, baz=116, slow=8.2, SNR=2.7, comp=N, 0.1nm, 0.6s, IDC 13 20:06:08.4.1.5.22.16N.93.13E, h0km, mb3.6/6, mbmp3.5/7, ML3.7/1, Error ellipse: s-maj=86.6km s-min=18.3km az=56.0, ISC 13 20:06:14.0.1.5.22.22N.04.93.2E.0.4, h35km, n7, 0674/7, mb3.6/6, Myanmar-India border region

Table with columns: K22A, comp=N, 107nm, 0.5s, IAML, 20 13 30.3, K22A, comp=N, 118nm, 0.3s, IAML, 20 13 30.9, LKWW Lake 2.54 260 Pn Pn, 20 12 50.0 +0.9, YNR Norris Junction 2.71 264 Pn Pn, 20 12 52.5 +1.1, YNR comp=N, 0.70nm, 0.6s, IAML, 20 13 32.7, YNR 20 13 41.4, YHH Holmes Hill 2.82 266 Pn Pn, 20 12 56.2 -1.6, Pitchstone Pla 2.90 255 Pn Pn, 20 12 54.4 +0.3, YMR Madison River 2.92 284 IAML, 20 13 56.9, PDAR Pinedale Array 2.99 221 Pn Pn, 20 12 59.5 -1.3, PDAR comp=N, 9.2nm, 0.3s, baz=52, slow=17, SNR=83, PDAR comp=N, 10nm, 0.4s, AML, AML, 3.05 267 IAML, 20 13 49.2, YHL Hebgen Lake comp=N, 0.35nm, 0.6s, IAML, 20 14 12.1, YHB Horse Butte 3.07 266 IAML, 20 12 56.7 +0.3, YHL comp=N, 5.9nm, 0.7s, IAML, 20 13 05.6 +1.0, Earthquake Lake 3.23 267 Pn Pn, 20 13 00.7 +1.3, FXWY Fox Creek 3.29 246 IAML, 20 14 11.2, AHID Auburn Hatcher comp=N, 3.4nm, 0.7s, IAML, 20 14 29.1, AHID comp=N, 3.4nm, 0.7s, IAML, 20 14 17.6, DLMT Dillon 4.04 276 IAML, 20 14 17.6, DLMT comp=N, 3.6nm, 0.6s, IAML, 20 14 55.7, HAYD Hayden comp=N, 3.0nm, 1.8s, IAML, 20 14 52.4, HWUT Hardware Ranch 4.85 226 IAML, 20 15 02.9, HWUT comp=N, 1.8nm, 1.6s, IAML, 20 15 13.3, RDMU Red Mountain comp=N, 1.7nm, 1.4s, IAML, 20 14 51.9, RDMU comp=N, 2.2nm, 1.8s, IAML, 20 15 01.3, MSO comp=N, 2.1nm, 0.9s, IAML, 5.22 292 IAML, 20 15 02.3, Missoula comp=N, 1.6nm, 0.7s, BSUT Blindstream Ca 5.34 213 IAML, 20 15 32.6, BSUT comp=N, 1.3nm, 1.1s, IAML, 20 15 38.9, IS6US NEWPORT INFOS 7.73 298 I I, 20 59 40.0, baz=110, slow=315, SNR=1.0, ULM Lac du Bonnet 9.07 51 Pn Pn, 20 14 18.3 -0.2, comp=N, 2.0nm, 0.3s, baz=235, slow=11, SNR=20, ULM comp=N, 0.5nm, 0.3s, baz=227, slow=17, SNR=3.6, ULM Lg Lg, 20 16 45.5, ULM comp=N, 5.3nm, 0.3s, AML, AML, TAP 13 20:20:31.9.24.90N.122.38E, h15km, ML2.5, C JMA 13 20:20:32.2.0.3.24.8N.0.9.122.24E.0.4, h1km, 2km, MV2.1/9, TAIWAN REGION ISC 13 20:20:32.3.1.0.24.87N.0.03.122.37E.0.02, h11km, 9km, n50, 094679, 2C, Taiwan region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC, PMG Port Moresby 19.99 279 Op P, 20 51 20.8 +0.8, STKA Stephens Creek 29.90 227 P, 20 52 52.9 +0.1, WRA Warramunga Arr 32.12 254 P, 20 53 11.4 -1.0, ASAR Alice Springs 33.14 247 P, 20 53 21.1 -0.2, QSPA South Pole Qui 76.77 180 P, 20 58 34.1 +0.3, ILAR Eielson Array 85.15 18 P, 20 59 17.9 0.0, MKAR Makanchi Array 96.07 317 P, 20 00 09.5 0.0, ARCES ARCES Array B 118.0 346 PKP, 21 05 28.3 -0.7, FINES FINESS Array B 124.32 339 PKP, 21 05 39.6 -0.1, ESDC Sonse Array 152.54 345 PKPbc, 21 06 38.4 +0.4, IDC 13 20:53:46.8.9.9.6.11S.145.33E, h0km, mb3.7/2, mbmp3.8/4, ML1.6/1, Error ellipse: s-maj=138.9km s-min=43.7km az=22.0, New Guinea

PTFK	Petrovskovsk-Korea Array	75.95	345	P	P	22 58 47.0 +1.1
KSRS	comp=Z,3.9nm,0.8s	76.64	319	P	P	22 58 51.1 +1.0
FARB	Farallón Island	77.34	42	P	P	22 58 54.1 +0.3
PMPB	Monarch Peak	77.86	44	I	I	22 58 58.0 +1.2
PMPB	comp=Z,1.3nm,1.0s			I	I	22 59 34.0
MHC	Mount Hamilton	77.99	43	P	P	22 58 59.7 +2.2
USAOB	Ussuriysk Arra	78.69	326	I	I	22 59 01.4 +0.5
USAOB	comp=Z,1.6nm,0.9s			I	I	22 59 03.7
USRK	Ussuriysk Ar.	78.69	326	P	P	22 59 02.7 +1.3
USRK	comp=Z,1.3nm,0.8s			P	P	22 59 03.7 +1.3
USRK	Ussuriysk Ar.	78.69	326	P	P	22 59 02.7 +1.8
SMAI	Sr. Martin Ant	78.92	159	P	P	22 59 03.3 +1.5
O02D	St. Diablo Mer	79.00	40	I	I	22 59 05.7 +2.9
O02D	comp=Z,1.1nm,0.8s			I	I	22 59 06.8
KHBM	Hayfork Baldy	79.04	39	P	P	22 59 05.2 +2.0
BORC	Borrego Spring	79.18	49	P	P	22 59 05.6 +1.8
YUH	Yuba Desert	79.19	49	P	P	22 59 05.4 +1.5
SRIG	Santa Rosalia	79.22	56	P	P	22 59 07.3 +0.5
AFDM	Forest Hills D	79.37	42	P	P	22 59 08.5 +0.1
ORV	Oroville	79.41	41	P	P	22 59 06.2 +1.3
O03E	Paynes Creek	79.67	40	P	P	22 59 07.5 +1.2
M02C	Callahan	79.72	39	P	P	22 59 06.7 +0.2
M02C	comp=Z,8.9nm,0.8s			I	I	22 59 10.6
CLC	China Lake	79.76	46	P	P	22 59 06.6 -0.3
CWC	Cottonwood Cre	79.78	45	P	P	22 59 07.8 +0.7
MDPB	Devils Postpil	79.81	44	P	P	22 59 06.3 -1.0
BELC	Belle Mtn. Jos	79.86	48	P	P	22 59 07.7 +0.1
BELA	Belgrano Z	79.89	173	P	P	22 59 07.2 +0.2
IMPC	Imperial Prospec	79.97	46	P	P	22 59 08.5 +0.2
YBH	Yreka Blue Hor	80.01	39	P	P	22 59 08.4 +0.3
GSC	Goldstone, Bar	80.01	47	P	P	22 59 07.8 -0.5
TIN	Tinemaha, Big	80.03	45	P	P	22 59 08.8 +0.4
BC3	Big Chuckawall	80.06	49	P	P	22 59 09.1 +0.5
M03C	McCloud	80.08	39	P	P	22 59 08.5 0.0
M03C	comp=Z,2.3nm,1.0s			I	I	22 59 11.8
WAKR	Walker	80.08	43	P	P	22 59 09.0 +0.3
WAKR	comp=Z,1.6nm,1.1s			I	I	22 59 12.3
GLA	Glamis	80.19	50	P	P	22 59 10.2 +1.0
GLA	comp=Z,1.5nm,1.1s			I	I	22 59 13.2
HATC	Hat Creek Radi	80.19	40	P	P	22 59 09.5 +0.4
HATC	comp=Z,2.7nm,1.1s			I	I	22 59 12.6
MDJ	Mudanjiang	80.25	325	P	P	22 59 09.2 +0.1
MDJ	comp=Z,2.0nm,0.9s			I	I	22 59 11.8
BEKR	Beekwater	80.30	41	P	P	22 59 09.9 +0.1
ACHA	Angle Creek He	80.31	12	P	P	22 59 09.6 +0.4
PNTR	Pine Nut	80.32	42	P	P	22 59 10.8 +0.9
PNTR	comp=Z,2.1nm,0.8s			I	I	22 59 13.4
QSM	Queen of Sheba	80.33	46	P	P	22 59 09.7 -0.1
DSP	Deep Springs	80.38	44	P	P	22 59 10.4 +0.5
PIX	Pinacate	80.41	51	P	P	22 59 10.4 +0.2
PIX	comp=Z,5.0nm,0.8s			I	I	22 59 13.6
KDAK	Kodiak Island	80.48	13	P	P	22 59 10.6 +0.6
KDAK	comp=Z,1.2nm,1.1s			I	I	22 59 13.1
LHV	Little Huntoon	80.53	43	P	P	22 59 11.4 +0.7
LHV	comp=Z,1.1nm,1.0s			I	I	22 59 14.5
IRM	Iron Mountain	80.55	48	P	P	22 59 11.7 +0.7
L04D	Klamath Falls	80.55	38	P	P	22 59 11.5 +0.6
L04D	comp=Z,1.9nm,1.0s			I	I	22 59 14.3
GWY	Greenwater Val	80.59	46	P	P	22 59 11.8 +0.5
P16K	Nushagak River	80.60	10	P	P	22 59 11.1 +0.5
FURC	Furnace Creek,	80.61	46	P	P	22 59 11.4 +0.2
SHOC	Shoshone, Teco	80.70	46	P	P	22 59 12.0 +0.3
NVAR	Mina Array Bea	80.76	43	P	P	22 59 14.2 +1.9
NVAR	comp=Z,5.0nm,0.8s			I	I	22 59 12.3
NVAR	comp=Z,5.0nm,0.8s			I	I	22 59 12.3
BLVC	Blythe	80.79	49	P	P	22 59 11.8 -0.3
113A	Mohawk Valley,	80.80	50	P	P	22 59 13.2 +0.9
GMIN	Gold Mountain	80.81	45	P	P	22 59 12.6 0.0
PAHR	Pah Rah Range	80.81	42	I	I	22 59 12.3 -0.1
PAHR	comp=Z,8.7nm,1.0s			I	I	22 59 15.7
M11K	Mekoryuk	80.82	6	P	P	22 59 11.4 -0.2
N14K	Kuskokwak Cree	80.89	8	P	P	22 59 11.8 -0.2
MTPC	Mountain Pass	80.97	47	P	P	22 59 13.5 +0.2
P17K	Kivchak River	81.02	11	P	P	22 59 13.1 +0.4
O16K	Kokwak River B	81.11	10	P	P	22 59 12.8 -0.4
O16K	comp=Z,1.1nm,1.0s			I	I	22 59 14.3
KVN	Katserville	81.25	43	P	P	22 59 14.5 -0.2
TPH	Toponah	81.27	44	P	P	22 59 15.3 +0.5
TPH	comp=Z,1.3nm,1.0s			I	I	22 59 18.0
TPNV	Topopah Spring	81.29	46	P	P	22 59 14.8 -0.2
J04A	Umpqua Nationa	81.29	38	P	P	22 59 15.9 +1.1
O19K	Cape Douglas,	81.35	9	P	P	22 59 14.3 0.0
N15K	Kwethluk River	81.35	9	P	P	22 59 14.8 +0.3
N15K	comp=Z,1.0nm,0.8s			I	I	22 59 17.9
I04A	Tendick Farm,	81.46	37	P	P	22 59 16.3 +0.8
MOD	Modoc Plateau	81.54	40	I	I	22 59 17.1 +1.0
MOD	comp=Z,1.1nm,0.8s			I	I	22 59 19.3
M14K	Bethel	81.66	8	P	P	22 59 16.8 +0.8
M14K	comp=Z,1.7nm,0.9s			I	I	22 59 18.6
K05A	Summer Lake	81.69	39	P	P	22 59 17.6 +0.8
SHPR	Sheep Range	81.79	46	P	P	22 59 17.8 +0.3
O18K	Koktuh Hills	81.86	11	P	P	22 59 17.3 +0.2
MAW	Mawson	81.89	20	P	P	22 59 17.8 +0.5
MAW	comp=Z,3.6nm,1.0s			I	I	22 59 17.8 +0.5
MAW	Mawson	81.89	20	P	P	22 59 17.8 +0.5
W13A	Hualapai Mount	81.92	48	P	P	22 59 18.3 0.0
W14A	Wickenburg	81.95	50	P	P	22 59 17.9 -0.3
WIFE	Three Sisters-	81.97	37	I	I	22 59 18.0 -0.3
WIFE	comp=Z,9.8nm,0.8s			I	I	22 59 21.6
CN2	Changchun	82.04	322	eP	P	22 59 18.3 -0.1
CN2	comp=Z,1.0nm,0.7s			P	P	22 59 18.3 -0.1
L14K	Kuka Creek	82.14	7	P	P	22 59 18.9 +0.5
L14K	comp=Z,1.7nm,0.9s			I	I	22 59 21.0
H04A	Detroit Lake	82.14	37	P	P	22 59 19.3 +0.4
H04A	comp=Z,1.4nm,1.2s			I	I	22 59 21.8
N17K	Nushagak Hills	82.15	10	P	P	22 59 18.5 0.0
BNX	Binxian	82.16	325	I	I	22 59 19.9 +1.0
BNX	comp=Z,1.8nm,0.9s			P	P	22 59 20.1 +0.8
KLR	Kul'dur	82.24	329	P	P	22 59 20.1 +0.8
KLR	comp=Z,3.9nm,0.8s			I	I	22 59 23.8
PINE	Pine Mountain	82.30	38	P	P	22 59 20.8 +0.8
M16K	Timber Creek	82.34	9	P	P	22 59 20.1 +0.6
PRN	Pahroc Range	82.34	46	P	P	22 59 20.5 +0.3
PRN	comp=Z,1.2nm,0.9s			I	I	22 59 23.8
O19K	Port Alsworth	82.35	12	P	P	22 59 20.0 +0.6
CNPM	China Pool	82.36	13	P	P	22 59 19.7 +0.1
CNPM	comp=Z,1.5nm,0.8s			I	I	22 59 21.6
ILSW	Illamna South	82.38	12	P	P	22 59 19.8 0.0
I05D	Terrebonne, OR	82.41	37	P	P	22 59 20.4 +0.1
I05D	comp=Z,1.2nm,0.9s			I	I	22 59 23.1
K13K	Kusilvak Mount	82.50	6	P	P	22 59 20.8 +0.6
K13K	comp=Z,1.2nm,0.9s			I	I	22 59 23.0
N18K	Kilae Creek	82.51	11	P	P	22 59 20.9 +0.5
E03A	Lebam	82.56	34	P	P	22 59 22.0 +1.1
E03A	comp=Z,1.3nm,0.9s			I	I	22 59 24.2
BMN	Battle Mountai	82.59	42	P	P	22 59 21.7 +0.3
BMN	comp=Z,1.4nm,1.0s			I	I	22 59 24.6
BRLK	Bradley Lake	82.66	13	P	P	22 59 21.2 +0.1

BRLK	comp=Z,1.9nm,1.0s			I	I	22 59 22.9
TUC	Tucson	82.75	52	P	P	22 59 23.4 +1.1
TUC	comp=Z,1.1nm,1.1s			I	I	22 59 26.5
HOOD	Mount Hood Ho	82.83	36	P	P	22 59 22.7 +0.2
HOOD	comp=Z,6.3nm,0.8s			I	I	22 59 26.1
WVOR	Wild Horse Val	82.86	40	P	P	22 59 22.7 0.0
WVOR	comp=Z,9.6nm,1.1s			I	I	22 59 26.0
RED	Redoubt Volcan	82.86	12	P	P	22 59 21.1 -1.0
RED	comp=Z,1.3nm,1.0s			I	I	22 59 23.3
N19K	Bonanza Creek	82.89	11	I	I	22 59 22.4 0.0
N19K	comp=Z,1.1nm,0.9s			I	I	22 59 23.5
L16K	Owahat River	82.92	9	I	I	22 59 22.6 +0.3
L16K	comp=Z,1.3nm,1.1s			I	I	22 59 25.1
M17K	Holifira River	82.93	10	P	P	22 59 22.7 +0.3
M17K	comp=Z,2.1nm,1.1s			I	I	22 59 25.6
NLWA	Neilton Lookou	82.94	34	P	P	22 59 23.6 +0.7
NLWA	comp=Z,9.8nm,1.0s			I	I	22 59 26.3
TIA	Tai'an	83.06	312	P	P	22 59 24.9 +1.2
TIA	comp=Z,9.0nm,0.7s			P	P	22 59 29.0
K15K	Wolf Creek Mou	83.21	8	P	P	22 59 25.1 +1.4
X16A	Lo Mia Camp, P	83.31	50	P	P	22 59 26.8 +1.6
X16A	comp=Z,8.6nm,1.0s			I	I	22 59 29.0
LCMT	Little Creek M	83.36	47	P	P	22 59 25.8 +0.4
J14K	Nanvaranak Lak	83.41	7	P	P	22 59 25.3 +0.6
319A	Douglas	83.43	53	P	P	22 59 26.4 +0.6
319A	comp=Z,2.0nm,1.1s			I	I	22 59 29.9
SLKM	Skialk Lake	83.47	13	P	P	22 59 25.4 +0.2
J08A	Circle Bar Ran	83.49	39	P	P	22 59 27.0 +1.2
J08A	comp=Z,8.6nm,1.0s			I	I	22 59 29.1
O22K	Cooper Landing	83.56	14	P	P	22 59 25.7 +0.2
CCUT	Cedar City	83.56	46	P	P	22 59 27.1 +0.2
GNW	Green Mountain	83.60	34	I	I	22 59 26.4 +0.4
GNW	comp=Z,6.0nm,0.8s			P	P	22 59 29.1
LON	Longmire	83.63	35	P	P	22 59 26.9 +0.6
KNB	Kanab	83.65	47	P	P	22 59 27.5 +0.6
KNB	comp=Z,9.8nm,1.3s			I	I	22 59 30.9
SPU	Mount Spurr	83.70	12	P	P	22 59 26.4 +0.1
U15A	North Rim	83.72	48	I	I	22 59 27.6 +0.3
U15A	comp=Z,1.1nm,1.0s			I	I	22 59 30.9
CLRS	Cowichan Lake	83.73	32	P	P	22 59 27.0 +0.3
CLRS	comp=Z,5.5nm,0.7s			I	I	22 59 29.6
PSUT	Pine Spring	83.74	45	P	P	22 59 27.8 +0.5
SZCU	Shurtz Canyon	83.77	46	P	P	22 59 27.4 +0.1
SZCU	comp=Z,1.1nm,1.5s			I	I	22 59 30.9
D05A	Enumclaw	83.81	35	P	P	22 59 27.6 +0.5
L18K	Granite Mounta	83.83	10	I	I	22 59 27.4 +0.6
L18K	comp=Z,9.2nm,0.9s			I	I	22 59 29.5
WUAZ	Wupatki	83.90	49	P	P	22 59 28.7 +0.6
CBB	Campbell River	83.91	31	P	P	22 59 28.0 +0.5
PGC	Sidney	83.96	33	I	I	22 59 28.3 +0.5
PGC	comp=Z,1.5nm,0.9s			I	I	22 59 30.7
ELK	Elko	84.02	43	P	P	22 59 29.0 +0.4
STLK	Strandline Lak	84.03	12	P	P	22 59 27.5 -0.5
STLK	comp=Z,8.4nm,0.9s			I	I	22 59 28.7
K17K	Iditarod	84.05	9	P	P	22 59 28.9 +1.0
K17K	comp=Z,8.9nm,1.4s			I	I	22 59 30.6
L19K	White Mountain	84.10	11	P	P	22 59 28.9 +0.6
L19K	comp=Z,1.0nm,1.0s			I	I	22 59 30.5

Table listing astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes entries like BMR Baia Mare, MFR Turfa, TURR Marfal, etc.

Table listing astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes entries like ECH Echery, WATA Walderalm, WATA Wata, etc.

Table listing astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes entries like ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Gl 12 22:59:35.9, 0.26:842N:0.002:34:37E:0.001, h0km, Mws3.7, confirmed

Table listing astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes entries like TR1 Tor 1, RSHS, HHRG AI Ghardaqah, etc.

IDC 13 23:14:45.8, 0.7:6:84S:130:55E, h0km, mb4.1/1, mbmp4.3/14, ML4.8/3, Error ellipse: s-maj=38.7km

DJA 13 23:14:54.3, 0.8:7:5:6:13:1E, h156km, 15km, M4.4/10, mb4.8/4, mb4.4/3, MLV4.5/10, Mw(m)4.1/4

NEIC 13 23:14:56.5, 1.4:6:81S:0.05:130:54E:0.09, h78km, 7km, mb4.3/13, Error ellipse: s-maj=13.6km, s-min=7.3km

ISC 13 23:14:55.2, 0.5:6:85S:0.05:130:59E:0.08, h78km, n37, r145/33, mb4.1/14, Banda Sea

Table listing astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes entries like Code Station Name, SAUI Saumlaki, FAK Fak Fak, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAKZ Makanchi, BOOM Boomske ucs, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bay, USRK Ussuriysk Arr, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZVC Zvikov, ZVC Kasperke Hory, GERES GERES Array B, etc.

NNC 13 23:15:17.3±2.8, 38.79N.69°50'E, h21km±11km, mb3.5, mpv=10.3km az=23.0, Tajikistan

13 23:34:28.0±2.0, 24°53'±17'5W, h10km, M5.0/14, mb5.0/14, Error ellipse: s-maj=9.1km s-min=6.4km

13 23:34:29.2±2.3, 68S:175°24'W, h8km, mb5.3/5, mb5.0/15, IDC 13 23:34:29.4±0.5, 23.97S:175°90'W, h0km, mb4.3/22, mbmp4.3/24, ML3.8/2, MS4.1/29, Error ellipse:

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, KK31 2.2nm, 0.4s, bazz=192, slow=17, SNR=13, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like W18A Petrified Forest, W18A 2.2nm, 0.4s, bazz=192, slow=17, SNR=13, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

IDC 13 23:31:38.5±0.5, 24°02'S:175°86'W, h0km, mb4.3/17, mbmp4.3/19, ML3.8/2, Error ellipse: s-maj=19.7km

13 23:31:40.0±1.9, 24°10'S:175°44'W, h10km, h10km, mb4.7/65, Error ellipse: s-maj=14.8km s-min=12.3km

13 23:34:35.5±2.3, 70S:175°10'W, h89km, mb4.7/12, Tonga Islands Region

ISC 13 23:31:39.7±0.4, 24°21'S:175°77'W, h10km, n131, n131/124, mb4.7/49, CT-3D, South of Tonga Islands

13 23:31:40.0±1.9, 24°10'S:175°44'W, h10km, h10km, mb4.7/65, Error ellipse: s-maj=14.8km s-min=12.3km

13 23:34:35.5±2.3, 70S:175°10'W, h89km, mb4.7/12, Tonga Islands Region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, MSVF Nonsavu, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GHO Glory Hole, GHO Glory Hole, GHO Glory Hole, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAR Rarotonga, RAR Rarotonga, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Birch Farm, DZM Birch Farm, DZM Birch Farm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like M27K Edge Creek, M27K Edge Creek, M27K Edge Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Birch Farm, DZM Birch Farm, DZM Birch Farm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MRZ Mangatainoka R, PLWZ Palliser, CTZ Chatham Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H19K Roundabout Mo, H19K Roundabout Mo, H19K Roundabout Mo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Birch Farm, DZM Birch Farm, DZM Birch Farm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H19K Roundabout Mo, H19K Roundabout Mo, H19K Roundabout Mo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Birch Farm, DZM Birch Farm, DZM Birch Farm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H19K Roundabout Mo, H19K Roundabout Mo, H19K Roundabout Mo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Birch Farm, DZM Birch Farm, DZM Birch Farm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ASAR Alice Springs, WRB Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like SLKM Skilak Lake, VHRN Van Horn, TIA Tairan, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like AK18 Malin Array Si, AK10 Malin Array Si, AK20 Malin Array Si, etc.

VIE 14 00:28:39.6:0.1, 47:08N:11:47E, h2km, mb0.2/1, m1.1/1.3, Error ellipse: s-maj=0.7km s-min=0.6km az=78.0 1 km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details. Includes stations like WTTA Wattenberg, WTTA Wattenberg, SQTA Sankt Quirin, etc.

ROM 14 00:28:50.2:0.1, 46:45N:0:03:10.73E:0:01, h11km, 1km, MLO.7/4.1C, Error ellipse: s-maj=3.8km s-min=0.7km az=188.0, Northern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details. Includes stations like CARE Lago del Cares, CARE Lago del Cares, CARE Lago del Cares, etc.

IDC 14 00:29:13.0:0.8, 7:41S: 130:82E, h0km, mb3.9/11, m1mbp4.0/2, ML4.4/1, MS3.2/4, Error ellipse: s-maj=47.5km s-min=16.6km az=74.0

NEIC 14 00:29:14.7:1.1, 7:34S:0:05:130.93E:0:08, h10km, 1km, mb4.2/11, Error ellipse: s-maj=14.3km s-min=4.7km az=61.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details. Includes stations like SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, Kaimana, Papua, Fak Fak, Manton Dam, Kununurra, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TEZP, NPW Niyyitav, ZIRO Niroy, TAWA Tawang, etc.

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

s-min=23.2km az=137.0

ISC 14 01:19:51.8, 0.5, 23.925, 0.09, 175.27W, 0.08, h28km, n38, c1953/32, mb4.4/16, 8C, Tonga Islands region

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

OSPL 14 02:07:28.0, 0.3, 17.85N, 66.71W, h1km, 8km, ML2.9, Presumed earthquake

RSPR 14 02:07:29.2, 18.01N, 66.75W, h17km, MD3.0/18 NEIC 14 02:07:29.5, 2.1, 18.08N, 0.02, 66.734W, 0.009, h10km, 1km, ML2.6/33, MD3.0/18 (RSPR), Error ellipse: s-maj=3.5km s-min=2.2km az=165.0

SDD 14 02:07:30.1, 2.6, 18.01N, 66.73W, h0km, 11km, MD3.5, ML2.4, MVW2.4, Presumed earthquake

ISC 14 02:07:39.3, 1.0, 18.03N, 0.04, 66.74W, 0.02, h19km, 2km, n50, c1910/71, 23C-9D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP Obispo Ponce, OBIP Obispo Ponce, etc.

NEIC 14 01:19:50.5, 2.5, 24.1S, 0.1, 175.3W, 0.2, h10km, 1km, mb4.5/10, Error ellipse: s-maj=27.7km s-min=14.6km az=122.0

ISC 14 01:20:22.6, 4.5, 23.15S, 177.63W, h219km, 35km, mb3.5/6, mb1.0/4, 17, MS3.4/3, Error ellipse: s-maj=37.9km

mb4.3/19, Error ellipse: s-maj=13.9km s-min=12.6km az=88.0
DJA 14 04:04:11.52.5.0.3.6'S.3.3'x12'8E.1, h370km,4km, M4.3/20,
mB4.9/6, mb4.2/9, MLv4.5/19, Mw(mB)4.2/6
IDC 14 04:04:15.2.3.1.9.5.87S.127.99E, h412km,21km, mb3.4/16,
mbmp4.2/20, Error ellipse: s-maj=23.2km s-min=8.3km
az=74.0
ISC 14 04:04:15.1.0.4.5.83S.0.05E.127.96E.0.07, h400km, n66,
c107/74, mb3.9/23, Banda Sea

ASRS 14 05:09:08.0.0.9.54.72N.83.71E, h0km, M2.3(MOS), The
earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 14 05:09:13.2.2.2.54.60N.83.84E, h0km, mbmp2.6/2,
ML2.3/2, Error ellipse: s-maj=17.9km s-min=10.3km
az=168.0, Southeastern Siberia

CEY Cerknica 5.67 319 ePn Pn 05 13 59.9 -1.1
SKDS Skadanscina 5.75 315 ePn Sn 05 15 09.7 -1.3
SKDS 5.67 319 ePn Sn 05 15 03.0 -4.2

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists various stations like Ambon, Bandaaira, Karang Ratu, Namlea, Saumlaki, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists stations like Zalesovo Beam, Kurchatov Arra, Kurbb, etc.

TIR 14 05:12:34.5.41.58N.19.73E, h25km,2km, M2.9/4
RHSSO 14 05:12:35.0.0.7.41.56N.19.81E, h5km,2km, ML3.1/7
BEO 14 05:12:35.3.0.4.41.54N.19.72E, h9km,2km, ML2.9/13
SKO 14 05:12:37.5.41.54N.19.95E, h20km, M2.7
ISC 14 05:12:37.5.41.54N.19.95E.0.02-19.75E.0.02, h7km,9km,
n60, c092/110, 13C-7D, Albania

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists stations like Tirane, Shkodra, SDA, etc.

IDC 14 05:19:31.1.1.0.24.35N.122.60E, h0km, mb3.8/6,
mbmp3.8/8, ML3.7/2, MS2.9/7, Error ellipse: s-maj=37.6km
s-min=19.0km az=63.0
NIED 14 05:19:33.5.24.19N.122.79E, h18km, MW3.9, Moment
Tensor Solution, s2 Moment tensor: Scalar 10^14Nm
Mw=4.61; Mw2=2.6; Mw3=2.9; Mw4=2.8; Mw3.33;
Fault plane solution: M7.07000x10^14 NP1:
phi=285.00000; delta=1.00000; lambda=138.00000. NP2:
phi=166.00000; delta=859.00000; lambda=7.40700000.
TAP 14 05:19:33.7.24.27N.122.73E, h13km, ML4.3, C
JMA 14 05:19:33.5.0.1.24.35N.122.60E, h18km,2km,
MD4.1/19, MV4.1/19, NW OFF ISHIGAKIJIMA IS
JMA Felt I Jt at NW OFF ISHIGAKIJIMA IS
ISC 14 05:19:32.1.1.0.24.21N.0.02-122.77E.0.01, h9km,8km,
n180, c191/315, mb3.8/6, MS2.9/6, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists stations like Yonagunijimaku, Yonaguni jima, EIOS3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ZALV, KURBB, and MKAR.

BUT 14 06:34:07.9e-1.1, 44.37N, 0.02:11.20W, 0.01, h6km, 5km, Error ellipse: s-maj=3.1km s-min=1.3km az=178.0

NEIC 14 06:34:07.8e-0.9, 44.38N, 0.02:11.19W, 0.03, h13km, 10km, ML3.4/62, ML3.7/34(BUT), Error ellipse: s-maj=3.3km s-min=2.7km az=186.0, Western Idaho

Main table for Western Idaho stations including Pearl Lake, Hailey, Camas Ranch, and others.

IDC 14 06:39:35.0e-3.2, 16.82S, 167.43E, h0km, mb4.0/4, mbtmp4.1/5, ML3.8/1, MS3.2/8, Error ellipse: s-maj=60.3km s-min=35.6km az=47.0

NOU 14 06:39:36.0, 16.67S, 167.66E, h24km, MLv4.6/27, Vanuatu Islands

ISC 14 06:39:36.4e-0.9, 16.69S, 0.05:16.761E, 0.10, h20km, n29, 0.688/24, mb4.1/4, MS3.0/7, 1C, Vanuatu Islands

Table for Vanuatu Islands stations including Devils Point, Saraoutou, and others.

Table for Vanuatu Islands stations including Port Laguerre, Ouen Island, and others.

IDC 14 06:44:20.6e-4.5, 16.49S, 167.69E, h0km, mb3.8/4, mbtmp3.8/5, ML3.7/1, Error ellipse: s-maj=87.0km s-min=42.7km az=39.0

NOU 14 06:44:22.9, 16.68S, 167.50E, h0km, MLv4.3/18, Vanuatu Islands

ISC 14 06:44:24.7e-1.0, 16.66S, 0.00:16.756E, 0.09, h20km, n15, 0.20/16, mb3.9/4, Vanuatu Islands

Main table for Vanuatu Islands stations including Devils Point, Saraoutou, and others.

IDC 14 06:51:48.1e-1.3, 12.91N, 145.60E, h0km, mb3.5/4, mbtmp3.5/4, MS2.8/1, Error ellipse: s-maj=33.5km s-min=18.2km az=68.0, South of Mariana Islands

NEIC 14 06:59:09.4e-1.1, 47.60N, 0.05:70.22W, 0.07, h12km, 8km, mb Lg2.9/51, ML3.4/58, mb Lg3.5(OTT), Error ellipse: s-maj=8.0km s-min=5.7km az=213.0

OTT 14 06:59:09.6e-0.1, 47.60N, 70.28W, h17km, MN3.5/37, OTT 11km southwest from La Malbaie, Qc. Fell Charlevoix Seismic Zone, Qc. Fell in Charlevoix area.

ISC 14 06:59:08.5e-0.7, 47.61N, 0.02:70.27W, 0.02, h10km, n98, 0.098/69, 3C-6D, Southern Quebec

Main table for Southern Quebec stations including La Malbaie, Saint Mathild, and others.

Main table for Lac Daran stations including Lac Daran, St-Lucie-de-Be, Boischatel, and others.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like HAKKARI, YOYA, SIRON, etc.

IDC 14 07:30:18.0.2.0.63:94N:28:15E, h0km, mbtmp2.9/3, ML2.0/3, Error ellipse: s-maj=29.4km s-min=10.9km az=100.0

BER 14 07:30:17.3.0.7.63:78N:28:34E, h0km, Suspected explosion

HEL 14 07:30:17.2.0.1.63:99N:28:14E, h0km, ML1.8, Suspected explosion

ISC 14 07:30:16.9.0.8.63:94N:0:03:28.05E:0:03, h0km, n45, e1935/67, Finland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like NIF, RMF, OUF, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like VAF, FIAO, FINES, etc.

IDC 14 07:30:38.0.6.4.21:40S:177:47W, h0km, mb3.6/2, mbtmp3.6/2, MS3.4/3, Error ellipse: s-maj=296.9km s-min=68.3km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PPT, CTA, ASAR, etc.

IDC 14 07:35:15.8.3.7.53:46N:87:47E, h0km, mbtmp2.4/2, ML2.3/2, Error ellipse: s-maj=36.3km s-min=17.5km az=56.0

ASRS 14 07:35:14.0.1.0.53:46N:87:46E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like I46RU, ZALV, etc.

IDC 14 07:43:22.0.3.6.53:73N:88:11E, h0km, mbtmp2.7/2, ML2.4/1, Error ellipse: s-maj=33.6km s-min=19.9km az=45.0

ASRS 14 07:43:20.0.0.8.53:72N:88:17E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like I46RU, ZALV, etc.

IDC 14 07:52:01.6.8.0.28:25S:177:03W, h0km, mb3.3/2, mbtmp3.3/2, Error ellipse: s-maj=421.9km s-min=68.7km az=158.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ASAR, WRA, AKASG, etc.

ASRS 14 07:56:20.0.1.5.53:73N:91:07E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

IDC 14 07:56:28.9.4.1.53:50N:90:55E, h0km, mbtmp2.9/3, ML2.2/3, Error ellipse: s-maj=38.6km s-min=26.7km az=49.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like I46RU, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KURBB, MKAR, etc.

ASRS 14 08:00:06.0.1.1.54:21N:86:36E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

IDC 14 08:00:07.8.2.9.54:22N:86:44E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=22.9km s-min=13.4km az=56.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like I46RU, ZALV, etc.

SOME 14 08:04:11.1.42:15N:82:35E, h10km, NNC 14 08:04:12.9.2.3.42:29N:82:37E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=19.7km s-min=13.5km az=3.0

ISC 14 08:04:14.9.3.2.42:2N:0:11:82.07E:0.09, h14km, 17km, n23, e1978/35, 3C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KTMS, SHLS, etc.

SDD 14 08:05:24.9.0.5.18:25N:71:78W, h29km, 2km, MD3.0, ML1.6, MW3.1, Presumed earthquake

OSPL 14 08:05:26.2.1.18:36N:71:72W, h6km, 117km, ML1.8, Presumed earthquake

ISC 14 08:05:24.6.1.2.18:36N:0:06:71.68W:0:06, h26km, 8km, n7, e0980/12,5C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LODU, JIDR, etc.

Table with columns for station name, frequency, power, and status. Includes stations like OK038 West end E0370, W344 Bridge Creek, W354 Tecumseh, etc.

Table with columns for station name, frequency, power, and status. Includes stations like I40A Norwalk, R2SD Black Hills, KSSA Casper, etc.

Table with columns for station name, frequency, power, and status. Includes stations like MCHZ MCHZ, Cape Kidnapper, KKHZ CKHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EPON Pontenova, EMAZ Mazaricos, CDLV Cueva Verdes, etc.

GFZ 14 08:57:18.6±0.5, 29°N±5.7×7°0E±1.1, h10km, M4.4/9, mb4.2/9, Error ellipse: s-maj=12.5km s-min=10.1km az=63.1, confirmed

IDC 14 08:57:19.4±0.9, 29°41'N±69°21'E, h0km, mb3.8/15, mbmp3.8/16, ML4.2/1, MS3.1/8, Error ellipse: s-maj=22.8km s-min=18.0km az=35.0

ISC 14 08:57:27.2±0.9, 29°51'N±169°3'E±0.1, h50km, n34, s122/30, mb3.8/15, MS3.0/7, Pakistan

Main table for stations 817-970. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KBL Kabul, NIL Nilore, SHAA Shahritus, etc.

LVSN 14 09:10:17.8±2.6, 59°47'N±27°9'E, h0km±46km, ML2.4, Presumed earthquake

HEL 14 09:10:18.4±0.2, 59°46'N±27°6'E, h0km, ML1.9, Explosion EST 14 09:10:18.7±0.1, 59°48'N±27°6'E, h0km, ML1.9(HEL), Explosion

IDC 14 09:10:23.3±3.6, 59°77'N±27°39'E, h0km, mbmp2.8/3, ML2.4/3, Error ellipse: s-maj=33.8km s-min=19.0km az=132.0

ISC 14 09:10:17.3±0.8, 59°45'N±02°27'58"E±0.03, h0km, n44, c696/67, Baltic States-Belarus-Northwestern Russia

Table for stations 970-1000. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EE04 Vaivara Sinima, ARBE Arbavere, etc.

Table for stations 1000-1100. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARBE Tooma soojaaem, VSU Vasula, etc.

IDC 14 09:11:41.7±0.4, 24°33'S±175°83'W, h0km, mb4.8/19, mbmp4.8/20, ML4.2/1, MS4.7/19, Error ellipse: s-maj=19.9km s-min=14.9km az=103.0

MOS 14 09:11:41.7±1.2, 24°41'S±175°93'W, h10km, mb5.3/33, MS4.9/9, Error ellipse: s-maj=10.7km s-min=9.1km az=100.2

NEIC 14 09:11:42.5±1.0, 24°32'S±0°08'17.5"W±0.1, h10km, 1km, mb5.2/32, Mw0.5/0.8, Error ellipse: s-maj=16.9km s-min=12.7km az=100.0

BUI 14 09:11:42.1±24.0'S±175°51'W, h10km, mb5.8/28, mb5.5/53, MS5.0/38, Ms7.4/41

GFZ 14 09:11:43.5±0.1, 24°51'S±17°6'W, h10km, M5.4/39, mb5.1/39

GCMT 14 09:11:46.5±0.2, 24°42'S±0°11'175°30'W±0.01, h19km, Mw5.2/123, Moment Tensor Solution. s6.3, c98; s123, c189; Duration: 0 Moment tensor: Scale 10^16Nm; M1: -8.7e-07; M2: 1.05e-11; M3: -4.31e-11; M4: 1.69e-24; M5: -1.87e-07; M6: 4.28e-23; Best double couple: M6: 98300x1016 Np1: 206.000000, 824.000000, 193.000000; NP2: 23.000000, 866.000000, 189.000000; Principal axes: T 7.1000, P1669.0000, Azm290.0000; N -0.2050, Plg1.0000; Azm23.0000; P -6.8850, Plg21.0000; Azm114.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 09:11:43.1±0.5, 24°39'S±0°05'175°80'W±0.06, h14km±2km, h14km±pP.n537, c1960/426, mb5.2/255, MS4.8/44, 34C-19D, South of Tonga Islands

Table for stations 1100-1200. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, NIUE Niue, etc.

Main table for stations 1200-1300. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAR Rarotonga, RAR Rarotonga, etc.

Table with columns for station ID, name, coordinates, elevation, and status. Includes stations like PMR Palmer, PV19 Morning Glory, and many others.

Table with columns for station ID, name, coordinates, elevation, and status. Includes stations like HDA Harding Lake, G19K Purcell Mountain, and many others.

Table with columns for station ID, name, coordinates, elevation, and status. Includes stations like LZH Lanzhou Array, LZHM Lanzhou Array, and many others.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NC602, HFS, AKASO, etc.

IDC 14 09:29:21.1±0.7, 26.74S; 177.68W, h0km, mb4.2/11, mtmp4.2/12, ML2.4/3.1, MS3.9/6, Error ellipse: s-maj=22.5km s-min=18.3km az=131.0

ISC 14 09:29:22.1±0.5, 26.69S; 108.177W, 0.1, h10km, n60, o576/46, mb4.4/18, MS4.0/5, 17.7/7.0 of 11, Hiki Islands

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

IDC 14 09:29:53.5±4.3, 53.58N; 87.78E, h0km, mbtmp.2/9,2, ML2.5/1, Error ellipse: s-maj=43.4km s-min=23.0km az=78.0

ASRS 14 09:29:49.0±1.2, 53.61N; 87.92E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

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

MEX 14 09:30:43.3±0.7, 17.78N; 106.21W, h5km, MD5.0 IDC 14 09:30:46.4±0.7, 17.77N; 106.07W, h0km, mb4.3/12, mtmp4.4/6, ML3.8/5, MS4.6/8, Error ellipse: s-maj=28.5km s-min=13.2km az=62.0

RSNC 14 09:30:47.7±3.5, 18°N-41°10'W, 3.5, h10km, M5.2, mb5.7, mb5.1, Mw(mb)5.2

MOS 14 09:30:48.7±1.3, 17.96N; 105.81W, h15km, mb5.3/21, Error ellipse: s-maj=10.4km s-min=6.2km az=88.7

GFZ 14 09:30:49.0±0.3, 18°N-3°10'W, 1.5, h10km, M4.8/3, mb4.8/43

NEIC 14 09:30:50.7, 17.59N; 105.84W, h18km, Moment Tensor Solution, Duration: 2s3 Moment tensor: Scale 10^19Nm; Mm-1.97; Mm-0.63; Mm2.60; Mm-1.20; Mm-9.10; Mm-2.90, Fault plane solution: Mw3.90000x1016 NP1; e6.580000; 870.23000; 1-169.71000; NP2=3.07000; 880.32000; 1-20.06000; Principal axes: T 10.3988, Plg7.0000, Azm51.0000; N -1.0761, Plg6.0000; Azm158.0000; P -9.3227, Plg21.0000, Azm318.0000;

NEIC 14 09:30:50.2, 17.99N; 105.84W, h10km NEIC 14 09:30:50.2, 17.99N; 105.84W; 0.09, h10km, 1km, mb5.0/671, Mmw5.3/54, Mds.0/106(MEX), Error ellipse: s-maj=16.8km s-min=5.7km az=237.0

GCMT 14 09:30:51.2±0.1, 18.04N; 0.01; 105.90W; 0.01, h14km, MW5.2/138, Moment Tensor Solution, s38, c162; Duration: 1s0 Moment tensor: Scale 10^16 Nm; Mm-1.72; Mm-0.81; Mm-0.81; Mm-1.38; 1.3; CEGF: Mm-0.01; 22; Mm-9.02; 13; Mm-0.35; 23; Best double couple: Mw3.20300x1016 NP1=274.0000; 888.00000; 1-180.0000; NP2=184.0000; 890.00000; 1-2.00000; Principal axes: T 9.7870, Plg1.0000; Azm229.0000; N -1.1700, Plg8358.0000; P -8.6190, Plg2.0000; Azm139.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 09:30:49.1±1.0, 17.94N; 105.05; 105.90W; 0.05, h11km, 5km, n734, 0.195/443, mb5.0/289, MS4.7/71, 12C-2D, Off coast of Jalisco

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

IDC 14 09:14:27.2±3.5, 53.53N; 87.88E, h0km, mbtmp.2/7,2, ML2.4/2, Error ellipse: s-maj=31.5km s-min=17.5km az=57.0

ASRS 14 09:14:23.0±1.3, 53.64N; 87.94E, h0km, M2.9(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

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

AS31 Alice Springs 43.74 263 P P 09 37 27.8 ±0.2

ASAR Alice Springs 43.74 263 P P 09 37 28.4 ±0.4

ASAR Alice Springs 43.74 263 P P 09 37 27.4 ±0.5

ASAR Alice Springs 43.74 263 P P 09 37 28.4 ±0.4

ASAR Alice Springs 43.74 263 P P 09 37 27.4 ±0.5

ASAR Alice Springs 43.74 263 P P 09 37 28.4 ±0.4

ASAR Alice Springs 43.74 263 P P 09 37 27.4 ±0.5

ASAR Alice Springs 43.74 263 P P 09 37 28.4 ±0.4

ASAR Alice Springs 43.74 263 P P 09 37 27.4 ±0.5

ASAR Alice Springs 43.74 263 P P 09 37 28.4 ±0.4

ASAR Alice Springs 43.74 263 P P 09 37 27.4 ±0.5

ASAR Alice Springs 43.74 263 P P 09 37 28.4 ±0.4

ASAR Alice Springs 43.74 263 P P 09 37 27.4 ±0.5

ASAR Alice Springs 43.74 263 P P 09 37 28.4 ±0.4

ASAR Alice Springs 43.74 263 P P 09 37 27.4 ±0.5

ASAR Alice Springs 43.74 263 P P 09 37 28.4 ±0.4

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

AAIG Agusalientes 5.20 39 eS Pn 09 32 06.1 -1.0

JMA 14 09:20:34.8±0.3, 37.4N; 0.7x14.2E, h42km, 4km, MW1.5/22, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

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

SOME 14 09:27:56.2, 41.90N; 82.18E, h15km, 2C, Southern Xinjiang

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

NC303 NORSAR Array S 144.94 352 PKPbc PKPbc 09 48 59.0 +0.9

PBVM Pinon 6.63 76 eS Pn 09 32 24.9 -1.6

PTVM Pico Tres Padr	6.64	75	eP	Pn	09 32 22.8 -4.1	PLPT Pico Pinto	16.31	23	Iamb	Pn	09 34 37.8 -0.4	comp=Z,88nm,1.2s	PV07 Paradox Valley	20.57	354	Iamb	Iamb	09 35 36.0
PTVM Pico Tres Padr	6.64	75	eS	Sn	09 33 45.4 +2.7	PLPT Pico Pinto	16.31	23	Iamb	Pn	09 34 44.9	comp=Z,87nm,1.1s	PV23 Carpenter Ridge	20.62	353	Iamb	Iamb	09 35 35.8
MPVM San Francisco	6.65	78	eS	Sn	09 32 22.8 -4.1	113A Mohawk Valley,	16.38	336	P	Pn	09 34 40.7 +1.6	comp=Z,103nm,1.1s	T35A Sooner Cattle	20.62	24	P	P	09 35 28.6 -0.1
MPVM San Francisco	6.65	78	eP	Sn	09 32 27.4 +0.3	113A Mohawk Valley,	16.38	336	P	Pn	09 34 40.7 +1.6	comp=Z,103nm,1.1s	UALR University of	20.67	33	Iamb	Iamb	09 35 36.8
THVM De Xico	6.71	77	eP	Sn	09 33 49.1 +6.0	TEIG Tepich	16.81	79	P	Pn	09 34 42.3 -1.9	comp=Z,42nm,1.2s	PV22 Blue Mesa, Par	20.68	354	Iamb	Iamb	09 35 36.4
THVM De Xico	6.71	77	eS	Sn	09 32 28.6 +0.7	TEIG Tepich	16.81	79	P	Pn	09 34 42.3 -1.9	comp=Z,42nm,1.2s	PV21 Cone Mtn., Par	20.72	353	Iamb	Iamb	09 35 36.9
THVM De Xico	6.71	77	eS	Sn	09 33 49.0 +4.6	ALQ Albuquerque	16.94	358	Iamb	Iamb	09 34 53.8	comp=Z,28nm,1.0s	MPMC Manual Prospec	20.76	333	Iamb	Iamb	09 35 41.3
SLBS Sierra La Lagu	6.86	327	P	Pn	09 32 28.6 +0.7	CCX Cicessa	16.95	327	P	P	09 34 47.9 -0.3	ASL Pad, Albuq	16.95	358	P	P	09 34 48.8 +0.4	
SLBS Sierra La Lagu	6.86	327	P	Pn	09 32 30.3 +0.5	CCX Cicessa	16.95	327	P	P	09 34 47.9 -0.3	ASL Pad, Albuq	16.95	358	P	P	09 34 48.8 +0.4	
DEIG Demacu	6.90	69	eP	Pn	09 32 30.3 +0.5	TASSO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
DEIG Demacu	6.90	69	eS	Sn	09 33 29.6 -0.9	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
DHIG Demacu	6.90	69	eP	Pn	09 33 54.6 +5.4	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
DBXN Popocatepetl	6.90	80	eS	Sn	09 32 29.6 -0.9	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
DBXN Popocatepetl	6.90	80	eS	Sn	09 32 32.3 -0.7	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PPCU Popocatepetl	6.99	80	eP	Pn	09 32 26.1 -5.8	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PPCU Popocatepetl	6.99	80	eS	Sn	09 32 32.2 +0.2	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PPM Popocatepetl	6.99	80	eS	Sn	09 32 32.2 +0.2	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PPM Popocatepetl	6.99	80	eS	Sn	09 32 32.2 +0.2	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
TLIG Tlapa	7.00	92	eP	Pn	09 32 30.2 +0.3	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
TLIG Tlapa	7.00	92	eP	Pn	09 32 32.7 +1.0	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PBCV Popocatepetl	7.05	80	eP	Pn	09 32 29.9 -2.6	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PBCV Popocatepetl	7.05	80	eS	Sn	09 33 52.5 -0.4	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PDIG Papasquiario	7.08	4	eP	Pn	09 32 33.9 +0.9	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PDIG Papasquiario	7.08	4	eS	Sn	09 32 33.9 +0.9	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PPAX Atlixo	7.17	81	eP	Pn	09 32 29.9 -2.6	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
PPAX Atlixo	7.17	81	eS	Sn	09 32 30.6 -5.2	ANMO Albuquerque	16.95	358	P	P	09 34 48.8 +0.4	comp=Z,0.1nm,0.3s,baz=169,slow=13,SNR=42	ANMO	09 41 16.0				
LPIG La Paz	7.39	327	P	Pn	09 32 27.4 -1.0	441A DeRidder	17.21	40	P	Pn	09 34 49.1 -0.4	comp=Z,169nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3
LPIG La Paz	7.39	327	P	Pn	09 32 27.4 -1.0	441A DeRidder	17.21	40	P	Pn	09 34 49.1 -0.4	comp=Z,169nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3
LPIG La Paz	7.39	327	P	Pn	09 32 27.4 -1.0	441A DeRidder	17.21	40	P	Pn	09 34 49.1 -0.4	comp=Z,169nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3
FTIG Fresnillo de T	7.39	89	eP	Pn	09 32 25.9 -1.1	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
FTIG Fresnillo de T	7.39	89	eS	Sn	09 32 37.6 +0.5	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
FTIG Fresnillo de T	7.39	89	eS	Sn	09 32 37.6 +0.5	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
TXIG Tlaxiaco	7.79	94	eP	Pn	09 32 37.6 +0.5	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
TXIG Tlaxiaco	7.79	94	eS	Sn	09 32 30.0 -8.1	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
TXIG Tlaxiaco	7.79	94	eS	Sn	09 32 30.0 -8.1	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
YOIG Yosondua	8.05	96	eP	Pn	09 32 42.9 -2.0	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
YOIG Yosondua	8.05	96	eP	Pn	09 32 45.9 -0.4	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
YOIG Yosondua	8.05	96	eP	Pn	09 32 45.9 -0.4	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
GTIG Gomez Farias	8.11	50	eS	Sn	09 32 44.7 +2.9	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
GTIG Gomez Farias	8.11	50	eS	Sn	09 32 44.7 +2.9	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
GTIG Gomez Farias	8.11	50	eS	Sn	09 32 44.7 +2.9	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
TPIG Tehuacan	8.13	85	eP	Pn	09 32 45.5 -1.8	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
TPIG Tehuacan	8.13	85	eS	Sn	09 34 21.6 +2.2	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
TOIG Toxpalan	8.41	88	eP	Pn	09 32 45.5 -1.8	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
TOIG Toxpalan	8.41	88	eS	Sn	09 32 45.5 -1.8	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
TOIG Toxpalan	8.41	88	eS	Sn	09 32 45.5 -1.8	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
OXIG Oaxaca	8.79	94	eP	Pn	09 32 56.6 +0.2	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
OXIG Oaxaca	8.79	94	eP	Pn	09 32 56.6 +0.2	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
VHO Vista Hermosa	8.79	94	eP	Pn	09 32 56.6 +0.2	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
VHO Vista Hermosa	8.79	94	eP	Pn	09 32 56.6 +0.2	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
HPIG Higuera	8.96	1	Pn	Pn	09 32 59.9 +1.1	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
HPIG Higuera	8.96	1	Pn	Pn	09 32 59.9 +1.1	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
HPIG Higuera	8.96	1	Pn	Pn	09 32 59.9 +1.1	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
LNIG Linares	9.16	40	eP	Pn	09 32 57.4 -3.8	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
LNIG Linares	9.16	40	eP	Pn	09 32 57.4 -3.8	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
HUIG Huatulo	9.62	102	eP	Pn	09 32 57.4 -3.8	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
HUIG Huatulo	9.62	102	eP	Pn	09 32 57.4 -3.8	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
CMIG Matias Romero	10.54	93	Pn	Pn	09 33 02.3 -5.3	AMTX Amarillo	17.29	12	P	P	09 34 51.0 +0.3	comp=Z,125nm,1.1s	AMTX Amarillo	17.29	12	P	P	09 34 52.6
CMIG Matias Romero	10.54	93	Pn	Pn	09 33 02.3 -5.3	AMTX Amarillo	17.29	12										

Table with columns: Station, Name, Comp, Az, El, P, Max, Min, etc. Includes stations like TKL Tuckaleechee C, WCI Wyandotte Cave, HLID Hailey, etc.

Table with columns: Station, Name, Comp, Az, El, P, Max, Min, etc. Includes stations like OTAV Otavalo, B08A Colville Reser, P57A Homestead Farm, etc.

Table with columns: Station, Name, Comp, Az, El, P, Max, Min, etc. Includes stations like G65A Princeton, BATG Bathurst New, LMN Caledonia Moun, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like COLA College, 018K Koktuk Hills, M20K Styx River, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like BORG Borges, AFI Afiamulo, BILL Bilibino, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

KRSC 14 09:42:21.91, 0.52114N, 153.877E, h491km, 18km, M4.1, IDC 14 09:42:23.21, 1.52, 56N, 152.93E, h474km, 14km, mb3.2/21, mbtmp4.0/25, Error ellipse: s-maj=13.3km s-min=9.7km az=147.0

ISC 14 09:42:22.30, 0.6, 52.4N, 0.1x153.25E, 0.07, h476km, 19s, r150/54, mb3.6/21, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like PAU Puzhetka, APC Apacha, PETK Petropavlovsk, etc.

Table with columns: ATKA, Atka Island, 8.25 258, P, Pn, 12 18 20.8 +0.7, etc. Lists various stations and their coordinates.

SJA 14 12:31:45.7; 1.1, 22.58S; 66.19W, h263km, 6km, ML3.5, MW3.7

IDC 14 12:31:46.6; 1.8, 22.46S; 65.93W, h261km, 23km, mb3.4/2, mbtmp3.8/6, Error ellipse: s-maj=47.4km s-min=17.1km

NEIC 14 12:31:47.4; 1.0, 22.62S; 0.09; 66.3W; 0.2, h259km, 9km, mb4.1/1, Error ellipse: s-maj=22.1km s-min=13.2km

ISC 14 12:31:45.0; 8.2, 22.56S; 0.06; 66.24W; 0.05, h251km, n46, r1559/60, Jujuy Province

Main table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Lists numerous stations like Yavi, Yajay, Yajay, etc.

OSPA South Pole Qui 67.64 180 P P 12 42 16.2 +0.9, TORO Torodi Ar. Bea 75.40 69 P P 12 43 00.2 -2.0, etc.

IDC 14 12:34:48.1; 1.2, 65.20S; 179.66E, h0km, mb3.8/3, mbtmp3.7/4, ML2.9/1, MS3.4/4, Error ellipse: s-maj=57.6km s-min=29.3km az=38.0, Balleny Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Lists stations like Vanda, RPZ, PMSA, etc.

RSNC 14 12:38:12.6; 0.0, 7.1N; 1.73W, h149km, 1km, M3.5, mb3.9, ML3.1, MLV3.9

FUNV 14 12:38:14.2; 7.15N; 73.21W, h5km, MW3.4, Presumed earthquake

IDC 14 12:38:16.2; 6.9, 4.72N; 76.57W, h110km, 75km, mb2.7/1, mbtmp3.4/2, ML2.9/1, Error ellipse: s-maj=100.7km

ISC 14 12:38:10.9; 1.0, 6.86N; 0.03; 73.11W; 0.04, h157km, 7km, n36, r1529/63, Northern Colombia

Main table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Lists numerous stations like BARC, BARC, BARC, etc.

LCBC Atka Island, S, Sn, 12 39 54.9 +1.4, URMIC La Uribe, Meta, 3.80 199 P S, etc.

IDC 14 12:40:15.2; 6.1, 24.03S; 178.77W, h0km, mb3.7/2, mbtmp3.7/2, MS3.4/4, Error ellipse: s-maj=276.6km s-min=59.2km az=152.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Lists stations like PPT, CTA, STKA, etc.

NDI 14 12:58:31.0; 2.2, 30.78N; 96.23E, h10km, ML4.1, MW4.1, Presumed earthquake

BUI 14 12:58:38.8; 32.38N; 94.79E, h7km, mb4.8/13, mb4.5/49, ML4.2/8, MS3.9/29, MS7.3/7.25

IDC 14 12:58:38.3; 0.6, 30.27N; 94.79E, h0km, mb4.4/30, mbtmp4.4/34, ML4.1/3, MS3.1/2, Error ellipse: s-maj=15.7km s-min=11.6km az=36.0

MOS 14 12:58:39.3; 0.8, 30.29N; 94.85E, h17km, mb4.9/41, Error ellipse: s-maj=7.8km s-min=3.7km az=120.9

GFZ 14 12:58:41.0; 0.2, 30.1N; 2.95E, h10km, M4.6/54, mb4.8/54, confirmed

NEIC 14 12:58:40.7; 1.3, 30.38N; 0.08; 94.83E; 0.03, h10km, 1km, mb4.8/161, Error ellipse: s-maj=13.1km s-min=2.9km

BGR 14 12:58:57.6; 32.59N; 94.33E, h33km, mb4.9

ISC 14 12:58:40.8; 0.5, 30.34N; 0.03; 94.81E; 0.03, h12km, 9km, h12km; p-P, n427, r1521/391, mb4.8/180, MS3.3/4, 16C-11D, Xizang

Main table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Lists numerous stations like ZIRO, ZIRO, ZIRO, etc.

Table with columns: Name, Az, El, AzM, ElM, SNR, AzM, ElM, SNR, AzM, ElM, SNR. Rows include ASAR Alice Springs, ILAR Eielson Array, ESDC Sonseca Array, TORD Torodi Ar. Bea.

NEIC 14 13:21:35.0±1.7, 10.44S:0.02±124.4E:0.1, h10km, 1km, mb5.1/42, Error ellipse: s-maj=20.6km s-min=2.9km az=80.0

IDC 14 13:21:36.0±0.4, 10.09S:124.07E, h0km, mb4.5/22, mbtmp4.5/25, ML4.3/3, MS3.9/30, Error ellipse: s-maj=24.4km s-min=9.3km az=70.0

GFZ 14 13:21:36.4±0.2, 10.5±4×12.4E±1, h10km, M5.1/30, mb5.1/30, Error ellipse: s-maj=8.3km s-min=6.8km az=2±5, confirmed

BUJ 14 13:21:38.5, 10.30S:124.30E, h30km, mb5.1/10, mb4.8/55, Ms4.3/12, Ms7.4/0.14

DJA 14 13:21:41.0±0.4, 10.5±4×12.4E±1, h30km, M4.8/8, mb5.3/8, mb5.2/8, MLV5.1/14, MLV4.9/6, Mw(mB)4.7/8, MwMwp4.6/5, Mwmp5.0/5

GCMT 14 13:21:46.0±0.2, 10.26S:0.02±124.23E:0.03, h20km, MW4.9/77, Moment Tensor Solution. s46.c53; s7.c117; Duration: 0 Moment tensor: Scale 10^19Nm; Mr2.6±4; Mw-1.3±0.9; Mw-1.2±0.1; Mw-0.0±1.8; Mw-1.2±0.6; Mw-0.6±2.3; Best double couple: M2:67400:10^18

NP1±235.00000°, 841.00000°, 1105.00000°. NP2: 6±36.00000°, 651.00000°, 177.00000°. Principal axes: T 2.7600, Plq79.0000°, Azm251.0000°; N -0.1730, Plq10.0000°, Azm44.0000°; P -2.5870, Plq5.0000°, Azm135.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 13:21:39.6±0.3, 10.37S:0.04±124.26E:0.05, h35km, n237, s164/201, mb4.9/86, MS4/0.31, 8D, Tumor region

Main station list table with columns: Code, Station Name, Az, El, AzM, ElM, SNR, AzM, ElM, SNR. Includes stations like SOEI, MMRI, WBSI, BBSI, DBNI, etc.

Main station list table with columns: Name, Az, El, AzM, ElM, SNR, AzM, ElM, SNR. Includes stations like MORW Morawa, FORT Forrest, BLDU Ballidu, etc.

Main station list table with columns: Name, Az, El, AzM, ElM, SNR, AzM, ElM, SNR. Includes stations like CN2 Changchun, XLT XiLinHaoTe, GTA2 Gaotai, etc.

MMLI	Mount Malkishu	7.87 106	U	P	Pn	13 48 18.8 +1.6
MMLI					Sn	13 49 44.9 -1.0
RCY	Rachaya	7.90 98	e	P	Pn	13 48 17.9 +0.2
ROI	Roi	7.99 107	P	S	Pn	13 48 20.2 +1.4
ROI					Sn	13 49 48.2 +0.5
KSHT	Keshet	8.01 101	U	S	Pn	13 48 21.9 +2.7
KSHT					Sn	13 49 49.9 +0.6
BEIL	Beino	8.02 90	e	P	Pn	13 48 19.8 +0.6
QRNJ	Al-Qirein	8.03 106	U	S	Pn	13 48 22.5 +3.2
QRNJ					Sn	13 48 22.5 +3.2
RGMN	Argaman	8.05 107	U	P	Pn	13 48 20.8 +1.3
RGMN					Sn	13 49 48.9 -1.2
YITV	Yitav	8.06 109	P	S	Pn	13 48 21.5 +1.8
YITV					Sn	13 49 49.2 -1.1
UJAP	Al Uja	8.09 109	P	P	Pn	13 48 23.4 +3.3
UJAP					Sn	13 48 21.7 +1.6
ALMO	Almog	8.15 110	P	S	Pn	13 48 22.0 +1.0
ALMO					Sn	13 49 51.6 -1.1
MZS	Mizpe Shalem	8.20 111	U	P	Pn	13 48 22.8 +1.2
MZS					Sn	13 49 52.6 -1.3
RMNI	Mount Ramon	8.21 119	U	P	Pn	13 48 23.5 +1.6
RMNI					Sn	13 49 51.6 -2.7
MSBI	Mazda	8.28 113	P	P	Pn	13 48 17.5 -5.3
MSBI					Pb	13 48 24.8 -2.2
MSBI	Mazda	8.28 113	U	P	Pn	13 48 24.1 +1.4
MSBI					Sn	13 49 53.6 -2.3
MSBI	Mazda	8.28 113	P	P	Pn	13 48 24.6 +1.8
LISJ	El Lisan	8.41 113	P	P	Pn	13 48 26.7 +2.2
GHAJ	Ghor Haditha	8.45 113	P	Pn	Pn	13 48 27.9 +2.8
GHAJ	Ghor Haditha	8.45 113	P	S	Pn	13 48 27.5 +1.5
GHAJ	Ghor Haditha	8.45 113	P	S	Pn	13 49 52.7 -0.7
GHAJ	Ghor Haditha	8.45 113	P	S	Pn	13 48 26.7 +1.7
BNN	Bunyan	8.50 60	Pn	Pn	Pn	13 48 27.2 +1.3
PRNI	Paran	8.52 120	P	Pn	Pn	13 48 28.4 +2.3
ZFRI	Zfri	8.53 118	P	S	Pn	13 48 26.8 +0.6
ZFRI					Sn	13 49 59.2 -2.8
HRFI	Mount Harif	8.72 121	P	P	Pn	13 48 31.1 +2.2
HRFI					Sn	13 48 29.9 +1.0
HRFI	Mount Harif	8.72 121	U	P	Pn	13 50 04.2 -2.6
HRFI					Sn	13 48 30.7 +1.8
TIP	Timpagrande	8.85 302	P	Pn	Pn	13 48 29.6 -1.0
TIP	Timpagrande	8.85 302	P	P	Pn	13 48 31.6 +1.0
EIL	Eilat	8.88 124	Pn	Pn	Pn	13 48 32.5 +1.3
EIL					Sn	13 50 07.1 -3.7
EIL					AML	13 48 33.7 +2.6
EIL	Eilat	8.88 124	U	P	Pn	13 48 32.4 +1.3
EIL					Sn	13 50 08.2 -2.5
EIL	Eilat	8.88 124	P	S	Pn	13 48 33.5 +2.4
AOBJ	Aqaba	8.92 123	P	Pn	Pn	13 48 34.9 +3.4
CEL	Celeste	9.13 295	Pn	Pn	Pn	13 48 32.3 +1.2
CEL	Celeste	9.13 295	P	Pn	Pn	13 48 37.6 +3.1
ASF	Jabal al Asfar	9.13 104	Pn	Pn	Pn	13 48 36.1 +1.6
ASF					Sn	13 50 18.1 +1.1
ASF					AML	13 48 42.9 -1.6
CUC	Castrocuco	9.87 304	P	Pn	Pn	13 48 45.3 +0.7
CUC	Castrocuco	9.87 304	P	Pn	Pn	13 48 47.0 +0.4
MARCO	Tramutola	10.02 306	P	Pn	Pn	13 48 46.3 -0.9
RAFF	Raffo Rosso	10.06 287	Pn	Pn	Pn	13 48 48.1 +0.8
VAE	Valguarnera	10.07 288	Pn	Pn	Pn	13 48 55.7 +1.3
MLR	Muntele Rosu	10.59 358	Pn	Pn	Pn	13 53 21.8
MLR					AML	13 48 55.4 +1.0
MLR	Muntele Rosu	10.59 358	AML	AML	Pn	13 48 54.8 -3.1
SGRT	San Giovanni R	10.84 312	Pn	Pn	Pn	13 49 00.1 -2.6
PAOLIS	Paolis	11.20 307	Pn	Pn	Pn	13 49 12.5 -2.9
INTR	Introduccia	12.12 310	Pn	Pn	Pn	13 49 28.2 +4.4
BURAR	Bucovina Array	12.74 356	Pn	Pn	Pn	13 49 42.7 +1.6
KEST	Kesra	14.00 278	Pn	Pn	Pn	13 55 45.8
KEST					AML	13 49 41.6 +0.5
KBZ	Khabaz	15.46 50	P	Pn	Pn	13 50 04.7 -0.4
KBZ					AML	13 57 21.8
KBZ	Kiev	15.91 6	Pn	Pn	Pn	13 50 02.8 -3.7
KIEV	Kiev	15.91 6	P	Pn	Pn	13 50 09.6 -0.4
AKASG	Malin Array Be	15.92 6	Pn	P	P	13 50 08.9 -1.2
AKASG					LR	13 56 42.4
AKASG	Malin Array Be	15.92 6	Pn	Pn	Pn	13 50 03.4 -3.2
AKBSB	Malin Array Si	15.92 6	Pn	Pn	Pn	13 50 07.2 -3.6
MORC	Moravsky Berou	16.24 339	Pn	Pn	Pn	13 50 13.9 -4.4
GERES	GERESS Array B	16.83 330	Pn	Pn	Pn	13 50 19.4 -1.0
GERES	GERESS Array B	16.83 330	Pn	Pn	Pn	13 50 13.9 -4.4
GERES	GERESS Array B	16.83 330	Pn	Pn	Pn	13 50 26.8 +1.9
DAVOX	Davos/Dischmat	17.22 319	P	P	P	13 50 22.9 -1.9
TUE	Stuetta	17.33 317	P	P	P	13 50 28.5 +2.4
TUE	Stuetta	17.33 317	P	P	P	13 50 34.5 -4.0
SENIN	Lac Senin/Sane	18.45 314	Pn	Iamb	Iamb	13 50 45.8
SENIN					AML	13 50 47.0 +1.4
CLL	Collim	19.06 333	e	P	P	13 50 55.0 +3.9
CLL					ePPP	13 51 06.0
SSB	Saint Sauveur	19.65 308	P	P	P	13 50 48.1 -3.3
RAYN	Ar Rayn	20.09 119	P	P	P	13 50 56.9 +0.6
TAM	Tamanrasset	21.89 242	P	P	P	13 51 15.7 -0.2
ESBB	Sonsecsa Array	24.60 290	Iamb	Iamb	Iamb	13 51 44.2 -1.6
ESBB					Iamb	13 51 42.5
ESDC	Sonsecsa Array	24.60 290	P	P	P	13 51 42.3 -0.5
ESDC					LR	13 51 41.2 -1.6
MDT	Midelt	25.83 274	LR	LR	LR	13 51 44.9 2.0
MD01	Midelt array s	25.94 274	P	P	P	13 51 53.1 -2.0
MD31	MD31	25.94 274	P	P	P	13 51 51.9 -3.2
MD31					Iamb	13 52 35.4
FINES	FINESS Array B	26.56 360	P	P	P	13 51 59.7 -0.5
FINES					AML	13 52 00.5 +0.1
HFS	Hagfors	26.58 346	P	P	P	13 52 13.4 +0.8
NOSS	Minazif	27.54 103	P	P	P	13 52 10.5 +1.1
UOAS	NORSAR Array B	27.93 344	P	P	P	13 52 13.4 +0.8
NOA					LR	14 04 06.0
AB31	Akbulak array	28.43 49	P	P	P	13 52 17.9 +0.8
AB31					Iamb	13 52 43.5
ABKAR	Akbulak array	28.43 49	P	P	P	13 52 17.9 +0.8
EKA	Eskdalemar Ar	28.87 324	P	P	P	13 52 19.5 -1.4
EKA					AML	13 52 19.5 -1.4

TORD	Tordi Ar. Bea	31.15 232	P	P	P	13 52 41.9 +0.4
ARCES	ARCESS Array B	34.69 359	P	P	P	13 53 10.2 -1.8
ARCES					PcP	13 55 46.1 +0.6
ARCES	Karatay Array	34.69 359	P	P	P	13 53 12.0 +0.1
ARCES					Iamb	13 53 15.2 +1.4
ARCES					Iamb	13 53 16.6
KK31	Karatay Array	34.88 63	P	P	P	13 53 15.2 +1.4
KK31					Iamb	13 53 22.1 +1.1
BORK	Borovoye	35.73 46	P	P	P	13 53 25.6
BORK					Iamb	13 53 25.6
BVAR	Borovoye Array	35.76 46	P	P	P	13 53 22.1 +0.8
BVAR					Iamb	13 53 50.8 +0.9
KSHZ	Kashi	39.06 69	P	P	P	13 53 52.0 +2.3
NRN	Naryn	39.06 65	P	P	P	13 53 50.8 +0.9
NRN					Iamb	13 53 53.0
KDJ	Kajisay	39.85 64	Iamb	Iamb	Iamb	13 53 57.6 +1.4
KDJ					Iamb	13 54 01.1
DBIC	Dimbokro	40.24 233	P	P	P	13 53 59.5 0.0
DBIC					Iamb	13 54 00.3
DBIC					Iamb	13 53 59.1 -0.4
KURBB	Kurchatov	40.46 51	P	P	P	13 54 02.2 +1.3
KURBB					Iamb	13 54 02.7 +1.2
KURK	Kurchatov	40.52 51	P	P	P	13 54 02.7 +1.2
KURK					Iamb	13 54 14.2
PDGK	Podgornoye	41.40 62	P	P	P	13 54 10.1 +1.1
MAKZ	Makanchi	42.82 56	Iamb	Iamb	Iamb	13 54 21.6 +1.2
MAKZ					Iamb	13 54 23.1
MK31	Makanchi Array	43.03 56	P	P	P	13 54 23.3 +1.2
MK31					Iamb	13 54 24.4
MKAR	Makanchi Array	43.03 56	P	P	P	13 54 23.8 +1.6
MKAR					Iamb	13 54 23.6 +1.4
ZALV	Zalesovo Beam	44.42 46	P	P	P	13 54 33.8 +0.7
ZALV					Iamb	13 54 33.8 +0.7
ZALV	Zalesovo Beam	44.42 46	P	P	P	13 54 33.6 +0.5
NRK	Narsarsuaq	51.53 324	P	P	P	13 54 59.3 +0.9
NRK					Iamb	13 54 59.3 +0.9
NRS	Narsarsuaq	51.53 324	P	P	P	13 55 27.1 -0.8
SHL	Shilling	56.42 80	P	P	P	13 56 05.0 +0.5
GT2A	Gaotai	57.08 62	e	P	P	13 56 10.8 +1.8
GT2A					pP	13 56 15.1 -1.6
GT2A					pmax	13 56 15.1 -1.6
SONM	Songino Array	58.83 51	P	P	P	13 56 22.5 +1.4
SONM					Iamb	13 56 22.5 +1.4
SONM	Songino Array	58.83 51	P	P	P	13 56 23.2 +1.2
SONM					Iamb	13 56 23.7
ULN	Ulanabatar	59.24 51	P	P	P	13 56 24.1 +0.1
SCHO	Schefferville	64.07 320	P	P	P	13 56 55.8 -0.5
SCHO					Iamb	13 56 55.8 -0.5
SCHO	Schefferville	64.07 320	P	P	P	13 56 55.6 -0.5
CM31	Chiang Mai Arr	65.55 84	P	P	P	13 57 05.6 +0.2
CMAR	Chiang Mai Arr	65.55 84	P	P	P	13 57 07.5 +1.1
CMAR					Iamb	13 57 07.5 +1.1
CMAR	Chiang Mai Arr	65.55 84	P	P	P	13 57 07.0 +0.6
HEIHe	Heihe	70.34 42	e	P	P	13 57 37.0 +0.9
N58A	Nsunbury	76.76 31	P	P	P	13 58 13.6 -0.4
E22K	Anaktuvuk Pass	77.27 359	P	P	P	13 58 16.5 +0.1
E22K					Iamb	13 58 32.3
G31M	Satah River	77.43 352	P	P	P	13 58 18.4 +1.1
G31M					Iamb	13 58 22.7
G30M	Taoh Zraii Nj	77.58 353	P	P	P	13 58 18.6 +0.4
G30M					Iamb	13 58 47.0
KRSR	Korea Array	77.59 53	P	P	P	13 58 19.3 +0.6
KRSR					LR	13 58 29.1
F24K	Squaw Lake	77.81 358	P	P	P	13 58 20.4 +0.9
F24K					Iamb	13 58 40.2
IMAR	Indian Mountain	79.44 0	P	P	P	13 58 29.1 +0.6
IL31		80.52 357	P	P	P	13 58 34.6 +0.4
IL31					Iamb	13 59 15.0
ILAR	Eielson Array	80.52 357	P	P	P	13 58 34.8 +0.6
ILAR					AML	13 58 34.3 0.0
ULM	Lac du Bonnet	81.11 327	LR	LR	LR	14 34 33.3
MJAR	Matsushiro Arr	84.70 49	P	P	P	13 58 57.4 +0.8
MJAR					Iamb	13 58 57.4 +0.8
WRU	Villa Florida	99.87 245	LR	LR	LR	14 44 37.8
CPA	Warramunga Arr	115.91 97	PKP	PKPdf	PKPdf	14 05 04.8 -0.1
ASAR	Alice Springs	116.96 101	PKP	PKPdf	PKPdf	14 05 07.9 +0.2
QSPA	South Pole Quai	124.75 180	PKP	PKPdf	PKPdf	14 05 21.8 +0.5
QSPA					Iamb	14 05 21.8 +0.5
CNRM	IGL 14 13:47:40.8, 37:09N-8:59W, h28km, ML1.8					
IGL	IGL 14 13:47:41.9, 37:31N-8:61W, h12km, ML2.1					
SFS	SFS 14 13:47:41.5, 37:32N-8:62W, h14km, ML2.4/8, ML2.3/8, ML2.2/3/6					
MDD	MDD 14 13:47:41.3, 37:33N-8:61W, h16km, mb_Lg2.5/9, Error ellipse: s-maj=3.1km s-min=2.8km az=5.8					
INMG	INMG 14 13:47:41.8, 1.4, 37:31N-8:61W, h13km, 2km, ML2.1, Error ellipse: s-maj=2.0km s-min=1.5km az=67.0, #DIST_RANGE: LOCAL #IPMA_REGION: W Monchique					

14d 15h

0.2nm,0.6s,baz=236,slow=7.3,SNR=1.8
WRA Warramunga Arr 33.29 33 P 14 05 27.6 0.0

AFAD 14 14:15:32.7,34:69N-26:57E,h7km,5km,ML2.8
IDC 14 14:15:32.1,1.5,34:42N-26:72E,h0km,mb3.7/4,
mbtmp3.6/5,ML2.6/1,Error ellipse: s-maj=210.8km

ISC 14 14:15:33.4,1.4,34:84N-26:37E,h10km,8km,
n60,0.1519/82,mb3.6/3,Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like ZKR Zakros, NPS Neapolis, KARP Karpathos, etc.

NEIC 14 14:27:17.4,0.3,27:1S:0.1:177:9W:0.2,h108km,6km,
mb4.4/10,Error ellipse: s-maj=20.8km s-min=15.7km

2020 AUG

az=78.0
IDC 14 14:27:19.5,2.7,27:17S:177:96W,h119km,24km,mb3.8/7,
mbtmp4.1/8,MS3.5/25,Error ellipse: s-maj=28.7km

ISC 14 14:27:17.3,0.6,27:00S:0:08:178:0W:0.1,h100km,n62,
0.096/34,mb4.3/15,4C,Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like RAO Raoul Island, Nonsavu, URZ Urewera, etc.

SKHL 14 14:36:47.6,0.5,43:00N:145:50E,h35km,3km,mb3.8/3
JMA 14 14:36:47.2,0.1,43:0N:0.6:145.4E:0.6,h47km,MV2.7/35,
OFF NEMURO PENINSULA

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like JKH N Kushirohamanak, AKK Akkeshi, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like NMR Nemuro 2, NEM2 Nemuro 2, etc.

IDC 14 14:51:01.0,1.6,12:88N:124:49E,h0km,mb3.5/5,
mbtmp3.5/5,Error ellipse: s-maj=75.2km s-min=20.7km

MAN 14 14:51:01.0,1.3,33N:125:60E,h84km,MS3.5
ISC 14 14:51:00.9,1.2,13:26N:107:155E:0.9,h24km,n11,
0.25/19,mb3.4/5,Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like CNP Catarman, PLP Palo, etc.

IDC 14 15:01:10.7,2.6,45:75N:151:72E,h0km,mb3.4/3,
mbtmp3.5/4,ML2.6/1,Error ellipse: s-maj=59.4km

SKHL 14 15:01:26.3,0.3,45:40N:152:80E,h35km,3km,mb4.1/3
JMA 14 15:01:27.3,0.8,46:15N:152:8E,h167km,MV3.5/12,
KURILE ISLANDS REGION

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like QSPA South Pole Qs, DAV Davao City (W), etc.

IDC 14 15:08:38.9,1.6,19:02S:177:71W,h377km,18km,mb3.4/8,
mbtmp4.1/11,Error ellipse: s-maj=18.5km s-min=16.0km

NOU 14 15:08:41.6,18:84S:177:42W,h416km,ML3.8/5,Fiji
Islands Region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like LBKA Tabou, Taveuni, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ARSA Arzberg, VYHS Vyhne, WYHS Vyhne, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like RAYN Ar Rayn, MTLF Montoleu, GTTG Tamnasset, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like SFJD Kangerlussuaq, TSUM Tsumeb, TLY TLY, etc.

MMLI	Mount Malkishu	8.19 101	P	Pn	17 50 50.3 -0.6
MMLI	Mount Malkishu	8.19 101	S	Sn	17 52 20.9 -2.1
BR105	Keskin Array S	8.20 47	Pn	Pn	17 50 53.6 +2.5
BR104	Keskin Array S	8.21 47	Pn	Pn	17 50 53.1 +1.9
KNHM	Kefar Nahum	8.21 97	P	Pn	17 50 50.8 -0.3
BR106	Keskin Array S	8.21 47	Pn	Pn	17 50 53.9 +2.7
GEM	Giv'at Ha'Em	8.21 95	P	Pn	17 50 50.8 -0.4
GEM	Giv'at Ha'Em	8.21 95	S	Sn	17 52 21.9 -1.6
BR131	Keskin Array S	8.21 47	Pn	Pn	17 50 51.4 +0.1
BR131	Keskin Array S	8.21 47	Pn	Pn	17 50 51.4 +0.1
BR131	Keskin Array S	8.21 47	Pn	Pn	17 50 51.9 +0.6
BRTR	Keskin Array B	8.21 47	Pn	Pn	17 50 50.7 -0.6
BRTR	Keskin Array B	8.21 47	Pn	Pn	17 50 50.7 -0.6
SHBL	Chebaa	8.25 94	eP	Pn	17 50 51.2 -0.6
NATI	Neve Ativ	8.26 95	P	Pn	17 50 52.1 +0.3
NATI	Neve Ativ	8.26 95	S	Sn	17 52 23.9 -0.8
ROI	Roi	8.29 102	P	Pn	17 50 52.0 -0.2
ROI	Roi	8.29 102	S	Sn	17 52 22.5 -3.0
YITR	Yatir	8.30 108	P	Pn	17 50 52.9 +0.5
YITR	Yatir	8.30 108	S	Sn	17 50 52.1 -0.4
ZAH	Zahle	8.30 90	eP	Pn	17 50 51.8 -0.8
RCY	Rachaya	8.31 93	eP	Pn	17 50 52.7 +0.1
HWQ	Haqwa	8.32 87	eP	Pn	17 50 51.7 -1.1
YITV	Yitav	8.33 104	S	Pn	17 52 24.6 -1.9
YITV	Yitav	8.33 104	S	Pn	17 50 53.0 +0.1
QRNJ	Al-Qirein	8.34 101	P	Pn	17 50 53.0 +0.1
QRNJ	Al-Qirein	8.34 101	S	Pn	17 50 52.0 -0.9
RGMM	Argaman	8.35 102	P	Pn	17 50 52.0 -0.9
RGMM	Argaman	8.35 102	S	Pn	17 52 24.0 -2.8
RMNI	Mount Ramon	8.36 114	P	Pn	17 50 52.7 -0.5
RMNI	Mount Ramon	8.36 114	S	Pn	17 52 21.9 -5.5
UJAP	Al Uja	8.37 104	P	Pn	17 50 54.3 +1.1
UJAP	Al Uja	8.37 104	S	Pn	17 50 54.3 +1.1
KSHT	Keshet	8.38 96	P	Pn	17 50 53.5 0.0
KSHT	Keshet	8.38 96	S	Pn	17 52 25.8 -1.9
ALMO	Almog	8.42 105	P	Pn	17 50 53.1 -0.8
ALMO	Almog	8.42 105	S	Pn	17 52 25.5 -3.1
MZS	Mizpe Shalem	8.45 106	P	Pn	17 50 53.5 -0.8
MZS	Mizpe Shalem	8.45 106	S	Pn	17 52 26.9 -2.4
MSBI	Mazada	8.51 108	P	Pn	17 50 55.5 +0.3
MSBI	Mazada	8.51 108	S	Pn	17 50 55.5 +0.3
MSBI	Mazada	8.51 108	P	Pn	17 50 54.4 -0.8
MSBI	Mazada	8.51 108	S	Pn	17 52 28.4 -2.4
MSBI	Mazada	8.51 108	P	Pn	17 50 55.3 +0.1
MSBI	Mazada	8.51 108	S	Pn	17 50 55.3 +0.1
PRNI	Paran	8.66 115	P	Pn	17 50 58.4 +1.0
PRNI	Paran	8.66 115	S	Pn	17 50 58.4 +1.0
GHAJ	Ghor Haditha	8.68 108	P	Pn	17 50 57.1 -0.4
GHAJ	Ghor Haditha	8.68 108	S	Pn	17 50 58.4 +0.9
GHAJ	Ghor Haditha	8.68 108	P	Pn	17 50 57.1 -0.4
GHAJ	Ghor Haditha	8.68 108	S	Pn	17 50 57.7 +0.2
GHAJ	Ghor Haditha	8.68 108	P	Pn	17 50 57.7 +0.2
ZFRI	Zfri	8.70 113	P	Pn	17 50 57.5 -0.3
ZFRI	Zfri	8.70 113	S	Pn	17 52 32.3 -3.1
TIP	Timpagrande	8.79 306	P	Pn	17 50 58.2 -1.0
TIP	Timpagrande	8.79 306	S	Pn	17 50 57.6 -2.4
TIP	Timpagrande	8.79 306	Pn	Pn	17 50 57.8 -1.3
TIP	Timpagrande	8.79 306	S	Pn	17 50 58.3 -0.8
TIP	Timpagrande	8.79 306	P	Pn	17 50 58.3 -0.8
HRFI	Mount Harif	8.85 116	P	Pn	17 51 01.0 +1.1
HRFI	Mount Harif	8.85 116	S	Pn	17 50 58.9 -1.0
HRFI	Mount Harif	8.85 116	P	Pn	17 52 35.6 -3.6
HRFI	Mount Harif	8.85 116	S	Pn	17 51 00.5 +0.6
HRFI	Mount Harif	8.85 116	P	Pn	17 51 00.5 +0.6
YTVT	Yotva	8.94 117	P	Pn	17 51 00.3 -0.7
YTVT	Yotva	8.94 117	S	Pn	17 52 38.6 -2.8
EIL	Eilat	8.98 119	Pn	Pn	17 51 02.0 +0.3
EIL	Eilat	8.98 119	S	Pn	17 52 38.1 -4.3
EIL	Eilat	8.98 119	P	Pn	17 52 38.1 -4.3
EIL	Eilat	8.98 119	S	Pn	17 51 02.7 +1.0
EIL	Eilat	8.98 119	P	Pn	17 51 00.9 -0.8
EIL	Eilat	8.98 119	S	Pn	17 52 39.5 -2.9
EIL	Eilat	8.98 119	P	Pn	17 51 01.9 +0.3
CEL	Celeste	8.98 299	Pn	Pn	17 50 59.8 -2.0
CEL	Celeste	8.98 299	Pn	Pn	17 51 00.9 -0.8
CEL	Celeste	8.98 299	P	Pn	17 51 01.0 -0.8
CEL	Celeste	8.98 299	S	Pn	17 51 03.9 +1.7
AQBJ	Aqaba	9.02 118	P	Pn	17 51 03.9 +1.7
AQBJ	Aqaba	9.02 118	S	Pn	17 51 04.0 -0.4
MREP	Malo Peshtene	9.18 350	P	Pn	17 51 05.2 +0.5
BNN	Buryan	9.19 58	Pn	Pn	17 51 05.2 +0.5
ASF	Jabal al Asfar	9.46 100	Pn	Pn	17 51 07.0 -1.3
ASF	Jabal al Asfar	9.46 100	S	Pn	17 51 08.4 0.0
ASF	Jabal al Asfar	9.46 100	P	Pn	17 51 08.4 0.0
ASF	Jabal al Asfar	9.46 100	S	Pn	17 51 08.3 -2.2
PDG	Podgorica	9.63 329	P	Pn	17 51 08.5 -2.1
PDG	Podgorica	9.63 329	P	Pn	17 51 08.5 -2.1
GAZ	Gaziantep	9.63 70	P	Pn	17 51 11.5 +0.8
MATE	Matera	9.65 314	P	Pn	17 51 10.9 +0.0
RAF	Raffo Rosso	9.81 290	P	Pn	17 51 12.0 -1.0
VAE	Valguarnera	9.83 292	P	Pn	17 51 12.5 -0.9
CUC	Castrocuoco	9.84 308	P	Pn	17 51 12.0 -1.4
CUC	Castrocuoco	9.84 308	P	Pn	17 51 13.4 0.0
MARCO	Tramutola	10.01 310	P	Pn	17 51 15.8 +0.1
VOIR	Voiron	11.13 357	Pn	Pn	17 51 32.6 +1.5
VOIR	Voiron	11.13 357	P	Pn	17 51 33.8 +2.7
MLR	Muntele Rosu	11.16 0	Pn	Pn	17 51 33.5 +1.9
MLR	Muntele Rosu	11.16 0	LR	LR	17 56 19.9
MLR	Muntele Rosu	11.16 0	P	Pn	17 51 33.5 +1.9
MLR	Muntele Rosu	11.16 0	S	Pn	17 51 33.9 +2.3
VRI	Vrincioaia	11.55 3	Pn	Pn	17 51 39.1 +2.2
BZS	Buzia	11.75 343	P	Pn	17 51 39.2 -0.4
INTR	Introdacqua	12.16 315	P	Pn	17 51 43.8 -1.4
TESR	Tescani	12.20 2	Pn	Pn	17 51 48.1 +2.4
AQU	L'Aquila	12.66 313	Pn	Pn	17 51 52.7 +0.6
DRGR	Dracopoli	12.69 350	P	Pn	17 51 55.0 +2.5
KIS	Kishinev	12.86 9	eP	Pn	17 51 59.0 +4.3
KIS	Kishinev	12.86 9	eS	Pn	17 54 21.0
MORH	Miry, Hungar	13.10 337	Pn	Pn	17 51 59.8 +1.8
MORH	Miry, Hungar	13.10 337	P	Pn	17 52 02.0 +4.0
NRCA	Norcia	13.11 314	Pn	Pn	17 51 55.1 -3.2
BURAR	Bucovina Army	13.30 358	P	Pn	17 52 07.8 -2.6
KEST	Kesra	13.64 281	Pn	Pn	17 52 07.8 -2.6
KEST	Kesra	13.64 281	Pn	Pn	17 52 04.8 -0.9

KEST	Kesra	13.64 281	AML	LR	17 52 48.1
KEST	Kesra	13.64 281	Pn	Pn	17 52 02.5 -2.9
ANN	Anapa	13.73 37	eP	Pn	17 52 16.8 +1.7
SORM	Soroca	13.93 7	P	Pn	17 52 11.2 +1.9
SOC	Soci	14.17 45	eP	Pn	17 52 13.7 +1.0
SOC	Soci	14.17 45	e	Pn	17 54 52.4
SOC	Soci	14.17 45	e	Pn	17 52 11.2 +1.9
KMPD	K-Podol'skiy	14.24 2	P	Pn	17 52 16.7 +3.3
MLPH	Magyaralpy	14.30 336	P	Pn	17 52 15.6 +1.2
MLPH	Magyaralpy	14.30 336	P	Pn	17 52 16.6 +2.2
PSZ	Piszkesteto	14.31 343	P	P	17 52 19.2 -2.5
HAKT	Hakkari	14.79 72	P	Pn	17 52 27.9 +0.7
SOKA	Soboth	14.84 330	iPn	Pn	17 52 22.1 +0.3
KOLS	Kolonice sedl	14.85 351	eP	P	17 52 25.8 -1.8
KOLS	Kolonice sedl	14.85 351	ePn	P	17 52 25.8 -1.8
KOLS	Kolonice sedl	14.85 351	P	P	17 52 25.6 -2.0
OBKA	Obir	14.91 328	iPn	Pn	17 52 24.7 +1.9
EBOS	Posof	15.09 57	P	P	17 52 31.1 +0.6
ARSA	Arzberg	15.10 332	P	Pn	17 52 22.3 -3.0
ARSA	Arzberg	15.10 332	iPn	Pn	17 52 27.2 +1.9
ARSA	Arzberg	15.10 332	P	Pn	17 52 24.7 -0.6
VYHS	Vyhne	15.11 342	eP	Pn	17 52 27.3 +1.9
VYHS	Vyhne	15.11 342	ePn	Pn	17 52 27.3 +1.9
RONA	Rosalia, Austr	15.19 335	iPn	Pn	17 52 28.9 +2.5
LABN	Labinsk	15.39 44	eP	Pn	17 52 34.7 +1.1
LABN	Labinsk	15.39 44	ePmax	Pn	17 52 34.7 +1.1
MYKA	Mykoc	15.41 327	iPn	Pn	17 52 31.2 +1.8
MODS	Modra-Piesok	15.45 338	eP	P	17 52 33.8 -0.5
MODS	Modra-Piesok	15.45 338	ePn	P	17 52 33.8 -0.5
MODS	Modra-Piesok	15.45 338	P	P	17 52 33.8 -0.5
TEOL	Teolo	15.50 320	Pn	Pn	17 52 26.6 -3.9
TEOL	Teolo	15.50 320	Iamb	Iamb	17 52 47.9
CONA	Conrad Observa	15.54 334	iPn	Pn	17 52 31.7 +0.6
FUSEA	Fusea	15.55 325	P	P	17 52 36.0 +0.7
STAL	Staligial	15.58 324	P	Pn	17 52 28.4 -3.2
NIE	Niedzica	15.65 346	P	Pn	17 52 33.8 +1.4
LUBAR	Lubur, Ukraine	15.65 4	P	Pn	17 52 34.6 +2.1
CGRP	Cima Grappa	15.77 321	P	P	17 52 38.3 +0.2
CGRP	Cima Grappa	15.77 321	P	Pn	17 52 38.3 +0.2
ERBR	Erbrin	15.88 327	iPn	Pn	17 52 38.4 -0.8
ERBR	Erbrin	15.88 327	eP	Pn	17 52 39.6 +0.1
ERBR	Erbrin	15.88 327	ePmax	Pn	17 52 39.6 +0.1
ABTA	Abfaltersbach	16.02 325	iPn	Pn	17 52 39.5 -1.2
MOA	Molin	16.09 331	iPn	Pn	17 52 39.6 +1.5
MOA	Molin	16.09 331	P	Pn	17 52 41.6 +0.3
GNI	Garni	16.09 63	Pn	Pn	17 52 40.4 -1.2
GNI	Garni	16.09 63	LR	LR	17 58 59.6
GNI	Garni	16.09 63	AML	AML	17 52 36.9 -1.5
GNI	Garni	16.09 63	Pn	Pn	17 52 36.9 -1.5
GNI	Garni	16.09 63	P	Pn	17 52 41.3 -0.3
GNI	Garni	16.09 63	P	Pn	17 52 42.9 +1.3
KIV	Kislovodsk	16.17 49	eP	Pn	17 52 41.0 +1.7
KIV	Kislovodsk	16.17 49	eS	Pn	17 52 42.3 +4.0
KIV	Kislovodsk	16.17 49	eS	Pn	17 52 42.3 +4.0
KIV	Kislovodsk	16.17 49	Pmax	Pn	17 52 42.3 +4.0
KIV	Kislovodsk	16.17 49	MLR	MLR	17 52 39.8 +0.5
KIV	Kislovodsk	16.17 49	P	Pn	17 52 44.3 +1.9
KVAR	Kislovodsk Arr	16.18 49	Pn	Pn	17 52 41.0 +1.7
KBZ	Khabarovsk	16.19 49	Pn	Pn	17 52 40.9 +1.5
KBZ	Khabarovsk	16.19 49	Pn	Pn	17 52 40.9 +1.5
KBZ	Khabarovsk	16.19 49	Pn	Pn	17 52 40.9 +1.5
KBZ	Khabarovsk	16.19 49	Pn	Pn	17 52 40.9 +1.5
KBZ	Khabarovsk	16.19 49	Pn	Pn	17 52 40.9 +1.5
BIOA	Bad Ischl, Aus	16.22 329	AML	AML	17 52 40.8 +1.0
SALO	Salz	16.29 318	Iamb	Iamb	17 52 37.4 -3.2
SALO	Salz	16.29 318	Iamb	Iamb	17 52 53.0
KRUC	Krasnoyarsk	16.33 337	ePn	Pn	17 52 42.4 +1.2
KRUC	Krasnoyarsk	16.33 337	P	Pn	17 52 42.9 -1.1
AK07	Malin Array Si	16.41 7	P	P	17 52 44.1 -0.7
AK06	Malin Array Si	16.44 7	P	P	17 52 44.1 -1.1
LESA	Lesnaya	16.44 327	iPn	Pn	17 52 44.5 -0.8
AK13	Malin Array Si	16.45 7	P	P	17 52 44.6 -0.7
AK10	Malin Array Si	16.46 8	P	Pn	17 52 44.1 +1.4
AK05	Malin Array Si	16.47 7	P	Pn	17 52 44.8 -0.8
VRAC	Vranov	16.49 338	Pn	Pn	17 52 42.8 -0.3
VRAC	Vranov	16.49 338	LR	LR	18 00 14.2
VRAC	Vranov	16.49 338	AML	AML	17 52 44.1 +1.0
VRAC	Vranov	16.49 338	ePn	Pn	17 52 45.0 -0.8
VRAC	Vranov	16.49 338	P	Pn	17 52 43.2 -0.3
AK16</					

14d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like F24K Squaw Lake, L27K Beaver Creek, BCAR Beaver Creek A, etc.

NEIC 14 20:29:35.3; 1.9, 6.44S; 0.05x129.7E; 0.1, h137km, 93km, mb4.0/13, Error ellipse: s-maj=15.3km s-min=7.8km az=85.0

IDC 14 20:29:35.4; 9.5, 6.75S; 129.50E, h127km, 93km, mb3.6/2, mbmp4.0/5, ML3.9, Error ellipse: s-maj=71.6km s-min=30.4km

DJA 14 20:29:37.3; 0.3, 7.52S; 13.0E, h194km, 8km, M4.0/18, mb4.5/6, mb3.9/12, MLV4.3/18, MLV4.2/14, Mw(mb)3.7/6

ISC 14 20:29:35.6; 0.6, 6.62S; 0.05x129.94E; 0.06, h146km, n53, az=241/57, mb4.0/6, Banda Sea

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, FAKI Fak Fak, etc.

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Table with columns: QSPA, Iamb, Iamb, 20 41 54.8. Includes station codes like NEIC, IDC, GCMT, GFZ, RSNC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO04 Los Peladeros, CLDB Colider, PP1B Ponte de Pedra, etc.

Table with columns for station name, time, magnitude, and other parameters. Includes stations like NEEM North Greenlan, DBG Daneborg, KULLO Kullorsuaq, etc.

Table with columns for station name, time, magnitude, and other parameters. Includes stations like D23K Nanushuk River, C19K IVI, E29M Blow River, etc.

Table with columns for station name, time, magnitude, and other parameters. Includes stations like N19K Bonanza Creek, AKASG Main Array Be, KIEV Kie, etc.

TEH 14 22:51:38.7, 34°08N-45°78E, h10km, ML2.7, Presumed earthquake
ISN 14 22:51:38.4, 1.9, 34°03N-45°75E, h25km, ML2.8,

Presumed earthquake
ISC 14 22:51:39.3, 1.2, 34.78N, 0.045, 83E, 0.06, h10km, n12,
e097Y14, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like IDHR, ICHR, IGHG, KCHF, ILBA, etc.

IDC 14 22:56:01.5, 3.1, 18.76S, 174.59W, h75km, 27km, mb4.0/12,
mbmp4.4/13, Error ellipse: s-maj=20.6km s-min=15.6km
az=115.0

NEIC 14 22:56:01.8, 1.0, 18.78S, 0.09, 174.43W, 0.10, h80km, 3km,
mb4.4/63, Error ellipse: s-maj=13.6km s-min=12.9km
az=168.0

ISC 14 22:56:03.0, 0.4, 18.72S, 0.06, 174.34W, 0.06, h100km,
n12, e180N/110, mb4.3/45, 3C-2D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like NIUE, NIUE AFI, AFI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TOZ, TOZ, QRZ, CTA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like COEN, COEN, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like J18K, J18K, J18K, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like H03N1, H19K, NEA2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like IMAR, H22K, F19K, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like G21K, E18K, GCMT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like D23K, D23K, TROLL, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like VNA3, C23K, VNA2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KURBE, BVAR, EKA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like CLC, CLC, CLC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like YAK, HILR, HILR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SONM, SONM, SONM, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SEY, SEY, SEY, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like CHNA, CNBA, CNBA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like VNGF, VNGF, VNGF, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like R16K, PN7A, PN7A, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like Q18K, Q18K, Q18K, etc.

IDC 14 23:20:56.7, 7.5, 53.03N, 159.33E, h0km, Error ellipse:
s-maj=55.3km s-min=6.7km az=63.0, Near east coast of
Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like PETK, H1N2, H1N3, etc.

IDC 14 23:28:39.0, 0.9, 58.77N, 112.33E, h0km, mb3.6/5,
mbmp3.9/12, ML3.9/7, MS3.3/1, Error ellipse:
s-maj=16.8km s-min=11.4km az=143.0

ISC 14 23:28:41.9, 0.7, 58.72N, 0.07, 112.38E, 0.06, h35km, n13,
e375Y16, mb3.6/4, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TLY, TLY, TLY, etc.

IDC 14 23:29:08.0, 0.7, 55.05N, 157.69W, h0km, mb3.8/25,
mbmp3.8/25, ML3.5/4, MS3.4/34, Error ellipse:
s-maj=16.9km s-min=11.2km az=163.0

NEIC 14 23:29:07.1, 4.5, 54.87N, 0.05, 157.45W, 0.06, h10km, 1km,
mb4.5/132, ML4.3/36, ML4.1(AEIC), Error ellipse:
s-maj=9.0km s-min=5.1km az=160.0

AEIC 14 23:29:08.5, 1.4, 54.85N, 0.05, 157.43W, 0.06, h12km, 4km,
Error ellipse: s-maj=8.2km s-min=4.4km az=161.0

ISC 14 23:29:07.6, 1.7, 54.93N, 0.05, 157.44W, 0.03, h9km, 10km,
n432, e114/412, mb4.5/95, MS3.4/32, South of Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like CHNA, CNBA, CHIR, etc.

14d 23h

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Table with columns for station ID, name, frequency, and other details. Includes stations like O18K, P19K, UNV, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like M30M, I27K, F24K, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like B30R, B30C, IRM, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like B30R, B30C, IRM, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like B30R, B30C, IRM, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HHC, ZALV, GUMO, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like M3.6.5, M3.7.8, M3.3.6.5, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YUK5, N30M, M30M, etc.

WEL 15 00:08:14.1:1.3,34 S 28°:18'0W:3'8, h205km,39km,

15d 1h

Table with columns: ID, 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 Lurch, Elevation Lurch, Azimuth Shudder, Elevation Shudder, Azimuth Jitter, Elevation Jitter, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Zero, Elevation Zero, Azimuth One, Elevation One, Azimuth Two, Elevation Two, Azimuth Three, Elevation Three, Azimuth Four, Elevation Four, Azimuth Five, Elevation Five, Azimuth Six, Elevation Six, Azimuth Seven, Elevation Seven, Azimuth Eight, Elevation Eight, Azimuth Nine, Elevation Nine, Azimuth Ten, Elevation Ten, Azimuth Eleven, Elevation Eleven, Azimuth Twelve, Elevation Twelve, Azimuth Thirteen, Elevation Thirteen, Azimuth Fourteen, Elevation Fourteen, Azimuth Fifteen, Elevation Fifteen, Azimuth Sixteen, Elevation Sixteen, Azimuth Seventeen, Elevation Seventeen, Azimuth Eighteen, Elevation Eighteen, Azimuth Nineteen, Elevation Nineteen, Azimuth Twenty, Elevation Twenty.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth 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 Lurch, Elevation Lurch, Azimuth Shudder, Elevation Shudder, Azimuth Jitter, Elevation Jitter, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Zero, Elevation Zero, Azimuth One, Elevation One, Azimuth Two, Elevation Two, Azimuth Three, Elevation Three, Azimuth Four, Elevation Four, Azimuth Five, Elevation Five, Azimuth Six, Elevation Six, Azimuth Seven, Elevation Seven, Azimuth Eight, Elevation Eight, Azimuth Nine, Elevation Nine, Azimuth Ten, Elevation Ten, Azimuth Eleven, Elevation Eleven, Azimuth Twelve, Elevation Twelve, Azimuth Thirteen, Elevation Thirteen, Azimuth Fourteen, Elevation Fourteen, Azimuth Fifteen, Elevation Fifteen, Azimuth Sixteen, Elevation Sixteen, Azimuth Seventeen, Elevation Seventeen, Azimuth Eighteen, Elevation Eighteen, Azimuth Nineteen, Elevation Nineteen, Azimuth Twenty, Elevation Twenty.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth 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 Lurch, Elevation Lurch, Azimuth Shudder, Elevation Shudder, Azimuth Jitter, Elevation Jitter, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Zero, Elevation Zero, Azimuth One, Elevation One, Azimuth Two, Elevation Two, Azimuth Three, Elevation Three, Azimuth Four, Elevation Four, Azimuth Five, Elevation Five, Azimuth Six, Elevation Six, Azimuth Seven, Elevation Seven, Azimuth Eight, Elevation Eight, Azimuth Nine, Elevation Nine, Azimuth Ten, Elevation Ten, Azimuth Eleven, Elevation Eleven, Azimuth Twelve, Elevation Twelve, Azimuth Thirteen, Elevation Thirteen, Azimuth Fourteen, Elevation Fourteen, Azimuth Fifteen, Elevation Fifteen, Azimuth Sixteen, Elevation Sixteen, Azimuth Seventeen, Elevation Seventeen, Azimuth Eighteen, Elevation Eighteen, Azimuth Nineteen, Elevation Nineteen, Azimuth Twenty, Elevation Twenty.

KURBB Kurchatov Arra 61.49 327 P P 01 15 04.7 -2.5

CATAC 15 01:27:13.1-0.6, 61.1N, 8'8"W, h15km, 3km, M2.9/12, MLV2 9/12, Error ellipse: s-maj=6.6km s-min=-4.2km

UCR 15 01:27:14.1-0.5, 10.86N, 86.36W, h15km, 163km, MW3.5, Presumed earthquake

ISC 15 01:27:14.0-1.0, 10.88N, 0.06:86.35W, 0.07, h13km, 10km, n27, c082/39, Off coast of Costa Rica

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like ARIN, ALIBA, CARN, etc.

IDC 15 01:34:41.3-2.9, 17.09N, 41.69E, h0km, mb3.4/6, mbmp3.4/6, Error ellipse: s-maj=66.6km s-min=-29.1km

SGS 15 01:34:42.2, 17.12N, 41.70E, h17km, M13.0, ISC 15 01:34:42.6-0.8, 17.20N, 0.05:41.77E, 0.06, h10km, n15, c105/18, mb3.3/5, Western Arabian Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like FRSS, BRK02, etc.

REN 15 01:38:17.8-2.0, 38.16N, 0.02:117.95W, 0.03, h10km, 6km, Error ellipse: s-maj=3.2km s-min=2.9km az=81.0

NEIC 15 01:38:17.3-1.1, 38.17N, 0.02:117.93W, 0.03, h15km, 5km, ML3.4/186, ML3.7/16(REN), Error ellipse: s-maj=3.4km s-min=3.0km az=81.0, Nevada

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like COLR, NV11, etc.

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like MDPB, WAKR, WAKR, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like YBH, BLYC, DPP, etc.

SJA 15 01:45:25.8-0.7, 22.91S, 68.73W, h128km, 5km, ML3.7, MW3.6

GUC 15 01:45:28.2-0.8, 22.87S, 68.57W, h97km, 3km, ML3.7, ISC 15 01:45:27.8-1.3, 22.87S, 0.03:68.66W, 0.05, h107km, 9km, n35, c117/61, 2C-5D, Northern Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like AF01, PB06, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Italian Canyon, Blue Mountains, McKenzies Canyon, etc.

IDC 15 01:51:35.45,2.34,15N:25.76E, h39km, 59km, mb3.3/4, mbmp3.6/6, ML3.4/2, Error ellipse: s-maj=47.4km s-min=23.0km az=155.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Eilat, Khabaz, Sonseca Array, etc.

NIED 15 01:56:41.1, 39.72N:144.67E, h52km, MW3.5, Moment Tensor Solution, s3 Moment tensor, Scale 1.0e11Nm, Mw=1.36, Mw0.24, Mw1.12, Mw0.91, Mw0.39, Mw1.76;

JMA 15 01:56:41.1, 0.3, 39.7N:0.8:14.5E, h52km, MV3.5/31, FAR E OFF NORTH HONSHU

IDC 15 01:56:42.1, 1.9, 38.59N:144.84E, h0km, mb3.7/4, mbmp3.6/5, ML2.5/1, Error ellipse: s-maj=32.2km s-min=26.9km az=129.0

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

NOU 15 02:03:36.0, 23.18S:179.09W, h514km, mb4.1/13, South of Fiji Islands

NEIC 15 02:03:38.9, 1.6, 23.4S:0.1:179.6W:0.2, h502km, 8km, mb4.1/19, Error ellipse: s-maj=23.3km s-min=16.9km az=101.0

IDC 15 02:03:39.9, 1.9, 23.44S:179.66W, h519km, 19km, mb3.4/8, mbmp4.3/11, Error ellipse: s-maj=21.9km s-min=16.0km az=113.0

IDC 15 02:03:40.7, 0.5, 23.40S:0.06:179.63W:0.09, h536km, n90, r153/94, mb4.1/18, South of Fiji Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Raoul Island, Green Lake, etc.

Table with columns: GRZ, WCZ, WIAZ, etc. Includes stations like Great Barrier, Waipi Caves, etc.

CM5A Cobar Meteorol 31.72 248 P P 02 09 21.2 +0.5

Table with columns: INKA, COEN, BB00, etc. Includes stations like Innaminka, Coen, etc.

WRA 15 02:03:39.9, 1.6, 23.4S:0.1:179.6W:0.2, h502km, 8km, mb4.1/19, Error ellipse: s-maj=23.3km s-min=16.9km az=101.0

IDC 15 02:03:39.9, 1.9, 23.44S:179.66W, h519km, 19km, mb3.4/8, mbmp4.3/11, Error ellipse: s-maj=21.9km s-min=16.0km az=113.0

IDC 15 02:03:40.7, 0.5, 23.40S:0.06:179.63W:0.09, h536km, n90, r153/94, mb4.1/18, South of Fiji Islands

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

Table with columns: ZKR, ZKR, ZKR, etc. Includes stations like Zakros, Agios Nikolaos, etc.

IDC 15 02:23:16.3, 3.2, 32.12N:0.06:47.58E:0.05, h10km, n40, r1975/39, mb3.9/10, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Ahwaz, Naft Sefid, etc.

IDC 15 02:23:16.3, 3.2, 32.12N:0.06:47.58E:0.05, h10km, n40, r1975/39, mb3.9/10, Iran-Iraq border region

TEH 15 02:23:16.8, 3.2, 32.12N:0.06:47.58E:0.05, h10km, n40, r1975/39, mb3.9/10, Iran-Iraq border region

IDC 15 02:23:16.3, 3.2, 32.12N:0.06:47.58E:0.05, h10km, n40, r1975/39, mb3.9/10, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Ahwaz, Naft Sefid, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HFS Hagfors, NOA NORSTAR Array B, ARCES ARCES Array B, EKA Eskdalemuir Ar, TORO Torodi Ar, Beas, and SPITS Spitsbergen Ar.

NAO 15 02:28:46.7, 45:50N, 26:34E, h33km, MB3.2
IDC 15 02:28:52.0, 1.9, 45:56N, 26:73E, h132km, 10km, mb3.0/2,
mbtmp3.4/6, Error ellipse: s-maj=48.5km s-min=14.7km
az=112.0
CFUSG 15 02:28:54.5, 45:51N, 26:51E, h116km, Mb2.4/2, MD3.5/2,
MSH2.7/2
BUC 15 02:28:54.2, 0.2, 45:50N, 26:32E, h125km, 1km, m3.9/68,
Error ellipse: s-maj=1.2km s-min=1.1km az=0.0
SOF 15 02:28:54.4, 45:43N, 0:01, 26:33E, 0:01, h120km, 2km,

BE0 15 02:29:02.0, 0.3, 45:17N, 25:26E, h0km, ML2.6/4
ISC 15 02:28:53.2, 0.8, 45:51N, 0:03, 26:29E, 0:02, h137km, 5km,
n105, e098/155, 66C-45D, Romania

Main table listing stations with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other parameters. Includes stations like NEHR Nehoiu, MLR Muntele Rosu, PANC Panciu, and many others.

Main table listing stations with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other parameters. Includes stations like HUMR Humele, GIUM Giurgiulesti, CIOCANESTI, HARSOVA, TURNU ROSU, BICAZ, GIROV, MEDIAS, GOVOIRA, VASLUI, COPACEANCA, TOPALU, CERNAVODA, ION CORVIN, LOTRU, RASCA, IASI, RAZGRAD, JURILFOAIA, MURFARJAT, VLADILA, ARCALIA, CONSTANTA PORT, EFORIE, STRAZHITSA, PRESELENTSI, KISHINEV, NEVSHA, MANGALIA, DEVA, PLEVEN, SULINA, PROVADIA, MARISEL-CIUIJ, PAVLIKENI, PURM, VALCHEDRAM, DROR, DRGR, MPEP, SOROCA, YAMBOL, BELAGRADCHIK, BLBK, MDVR, MDVITA, ZAGVS, ZAJECAR, VRSS, PLD, VITOSHA, BOSS, BARJE, GRUS, SELS, TRUS, KOLS, KALONICKE SEDL, TARU, SERRAI, SEV, SEV, AKASG, FINES, HFS, NB2, NOA, EKA, TORO, DUA, and many others.

Table listing stations with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other parameters. Includes stations like KRAI Karang Ratu, MASOI Masohi, NLANI Namlea, BANDANAIIRA, SANI, SWI, FAKI, KAPI, FITZ, WRA, ASAR, MKAR, and KURBB.

MAN 15 02:33:16.0, 7:16N, 125:35E, h7km, MS3.5
MAN INTENSITY II - KIDAPAWAN CITY; MAGPET MAKILALA
MATALAM ANTIPAS AND ARAKAN COTABATO.
ISC 15 02:33:16.8, 1.0, 7:13N, 0:03, 125:36E, 0:03, h15km, 8km,

Table listing stations with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other parameters. Includes stations like DMPH, KCP, DDMP, GSPH, CDOP, BIPH, CGP, TSSP, DCPH, SCPH, TBP, LLP, PLP, and many others.

IDC 15 02:33:31.3, 2.6, 38:64N, 76:15E, h0km, mb3.5/3,
mbtmp3.5/ML3.1/2, Error ellipse: s-maj=50.1km
s-min=27.9km az=111.0
SOME 15 02:33:39.4, 39.03N, 75:77E, h5km
NMC 15 02:33:39.3, 2.4, 38:93N, 75:62E, h0km, mb3.7, mpv3.4,
Error ellipse: s-maj=16.9km s-min=11.4km az=169.0
ISC 15 02:33:35.5, 1.4, 38:93N, 0:08, 75:77E, 0:06, h10km, n27,

Main table listing stations with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other parameters. Includes stations like AAK, KST, TNS, MRKS, MDOK, SATY, and many others.

USRK	comp=Z,6.5nm,0.7s	31.44 274 P	P	03 40 42.8 +0.1
USRK	comp=Z,8.3nm,0.8s,baz=55,slow=8.6,SNR=11	PcP	P	03 43 33.9 +0.9
HEH	comp=Z,4.5nm,0.6s,baz=148,slow=2.0,SNR=10	eP	P	03 40 42.4 -0.4
HEH	Heihe	31.46 287 P	P	03 40 42.4 -0.4
MJAR	comp=Z,1.6nm,0.7s	pmx	P	
MJAR	Matsushiro Arr	32.13 257 P	P	03 40 49.2 +0.3
MJAR	comp=Z,2.4nm,0.6s	Iamb	Iamb	03 40 50.9
MJB9	comp=Z,1.6nm,0.8s	T	P	03 40 49.4 +0.5
H1N2	WAKE ISLAND Hy	33.42 200 T	T	04 16 33.6
H1N3	WAKE ISLAND Hy	33.43 200 T	T	04 16 31.7
H1N1	WAKE ISLAND Hy	33.44 200 T	T	04 16 35.0
BNX	BinXian	33.48 280 P	P	03 40 59.9 -0.6
BNX	comp=Z,38nm,0.6s	pmx	P	
H1S1	WAKE ISLAND Hy	34.65 200 T	T	04 18 03.0
H1S3	WAKE ISLAND Hy	34.66 200 T	T	04 17 57.9
H1S2	WAKE ISLAND Hy	34.66 200 T	T	04 17 53.6
YKA	Yellowknife Ar	36.11 47 P	P	03 41 22.6 -0.3
YKA	comp=Z,2.0nm,0.6s,baz=285,slow=8.5,SNR=3.7	LR	LR	03 55 31.4
HILR	comp=Z,33nm,20.4s,baz=308,slow=35	LR	LR	
HILR	Hailar Array Bz	36.24 290 P	P	03 41 23.8 -0.5
HILR	comp=Z,2.0nm,0.6s	PcP	PcP	03 43 47.9 +1.1
KSR5	Korea Arr	37.84 268 P	P	03 41 38.2 +0.4
KSR5	comp=Z,4.1nm,0.8s,baz=53,slow=8.5,SNR=13	PcP	PcP	03 43 52.2 +0.5
KSR5	comp=Z,2.2nm,0.8s,baz=39,slow=2.6,SNR=7.8	P	P	
HAWA	Hanford	39.90 73 P	P	03 41 54.3 -0.6
HAWA	comp=Z,4.3nm,0.7s	Iamb	Iamb	03 41 55.1
BBOR	Butler Butte	39.92 79 P	P	03 41 56.5 +1.1
BBOR	comp=Z,6.2nm,1.3s	Iamb	Iamb	03 42 34.0
JSU	Suzuyama	40.26 258 P	P	03 41 59.6 +1.5
JSU	comp=Z,1.9nm,18.2s,baz=292,slow=38	LR	LR	04 00 19.7
NEW	Newport	40.35 69 LR	LR	03 41 58.6
NEW	comp=Z,4.5nm,0.9s	Iamb	Iamb	
YBH	Yreka Blue Hor	40.56 81 LR	LR	03 56 36.2
MOD	Modoc Plateau	41.93 79 Iamb	Iamb	03 42 13.7
MOD	comp=Z,3.5nm,0.6s	P	P	
003E	Paynes Creek	41.97 82 P	P	03 42 12.7 +0.7
ORV	Oroville	42.60 82 P	P	03 42 17.2 +0.2
ORV	comp=Z,5.7nm,1.1s	Iamb	Iamb	03 42 17.9
NR1K	Norfolk	42.95 329 P	P	03 42 18.4 -1.1
NR1K	comp=Z,10nm,0.8s,baz=11,slow=9.9,SNR=6.6	P	P	
BEKR	Beckworth	43.11 81 Iamb	Iamb	03 42 22.6
BEKR	comp=Z,5.5nm,1.2s	Iamb	Iamb	
AFDM	Forest Hills D	43.29 83 P	P	03 42 23.2 +0.5
BJT	Bajitaua	43.51 280 P	P	03 42 25.4 +1.1
PAHR	Pah Rah Range	43.80 81 Iamb	Iamb	03 42 55.1
PAHR	comp=Z,1.5nm,0.7s	Iamb	Iamb	
TLY	Talaya	44.20 301 LR	LR	04 01 40.0
TLY	comp=Z,2.2nm,19.0s,baz=134,slow=37	LR	LR	
CMB	Columbia Colle	44.22 83 Iamb	Iamb	03 42 59.8
ULN	Ulanbaatar	44.37 294 P	P	03 42 31.2 -0.1
ULN	comp=Z,5.3nm,0.5s	Iamb	Iamb	03 42 32.4
ULN	Ulanbaatar	44.37 294 P	P	03 42 32.0 +0.7
ULN	comp=Z,7.5nm,1.0s	P	P	
HLID	Hailey	44.49 73 P	P	03 42 31.2 -1.1
HLID	comp=Z,4.2nm,1.3s	Iamb	Iamb	
WAKR	Walker	44.51 82 Iamb	Iamb	03 42 33.9
WAKR	comp=Z,3.8nm,0.5s	Iamb	Iamb	
BCYI	Bear Canyon	44.66 72 Iamb	Iamb	03 42 33.8
BCYI	comp=Z,4.0nm,0.7s	Iamb	Iamb	
SONM	Songino Array	44.75 295 P	P	03 42 34.6 +0.3
SONM	comp=Z,6.5nm,0.6s,baz=59,slow=8.2,SNR=21	PcP	PcP	03 44 14.9 +0.5
SONM	comp=Z,2.7nm,0.6s,baz=78,slow=2.2,SNR=6.7	P	P	
SONM	Songino Array	44.75 295 P	P	03 42 35.0 +0.6
SONM	comp=Z,4.5nm,0.7s	Iamb	Iamb	03 42 35.5
BOZ	Bozeman (W)	44.95 69 Iamb	Iamb	03 42 35.8
BOZ	comp=Z,5.2nm,0.9s	Iamb	Iamb	
LHV	Little Hooton	45.24 82 Iamb	Iamb	03 43 09.0
LHV	comp=Z,1.1nm,1.4s	Iamb	Iamb	
NVAR	Mina Array Bea	45.25 81 P	P	03 42 39.0 +0.5
NVAR	comp=Z,1.6nm,0.5s,baz=293,slow=8.0,SNR=18	P	P	
NVAR	comp=Z,0.7nm,0.7s,baz=313,slow=7.7,SNR=5.6	PcP	PcP	03 43 06.3 +0.9
NVAR	comp=Z,2.0nm,0.7s,baz=306,slow=4.7,SNR=4.2	ScP	ScP	03 47 57.2 -0.7
NVAR	comp=Z,2.3nm,18.2s,baz=266,slow=35	LR	LR	04 00 57.5
MDPB	Devils Postpil	45.28 83 Iamb	Iamb	03 43 08.1
MDPB	comp=Z,7.0nm,1.1s	P	P	
TIA	Tai'an	45.31 275 P	P	03 42 39.5 +0.8
TIA	comp=Z,32nm,0.8s	pmx	pmx	
ELK	Elko	45.68 77 LR	LR	04 00 19.5
ELK	comp=Z,30nm,18.4s,baz=1.0,slow=34	LR	LR	
ILGO	Ilgolik, Huna	45.68 77 P	P	03 42 41.5 -0.3
ILON	Ilgolik, Huna	45.78 29 P	P	03 42 42.8 +0.8
HHC	Hu-ho-nao	45.79 284 eP	eP	03 42 42.0 -0.6
HHC	comp=Z,9.0nm,0.7s	pmx	pmx	
HHC	comp=Z,1.7nm,3.8s	pmx	pmx	
DSP	Deep Springs	46.12 82 Iamb	Iamb	03 43 14.7
DSP	comp=Z,5.5nm,1.2s	Iamb	Iamb	
TPH	Tonopah	46.13 81 Iamb	Iamb	03 43 14.2
TPH	comp=Z,5.5nm,1.0s	Iamb	Iamb	
HVU	Hansel Valley	46.52 74 Iamb	Iamb	03 42 48.9
HVU	comp=Z,3.5nm,0.7s	Iamb	Iamb	
RLMT	Red Lodge	46.59 68 Iamb	Iamb	03 42 49.9
RLMT	comp=Z,4.8nm,1.1s	Iamb	Iamb	
NEEM	North Greenlan	47.25 13 P	P	03 42 53.0 -0.6
NEEM	comp=Z,54nm,0.7s	Iamb	Iamb	03 42 54.7
MPMC	Manual Prospec	47.27 83 Iamb	Iamb	03 43 23.1
MPMC	comp=Z,5.0nm,1.1s	Iamb	Iamb	
FURC	Furnace Creek	47.38 82 Iamb	Iamb	03 43 24.0
FURC	comp=Z,8.2nm,0.9s	Iamb	Iamb	
TPNV	Topopah Spring	47.45 82 Iamb	Iamb	03 43 24.4
TPNV	comp=Z,4.7nm,0.8s	Iamb	Iamb	
DUG	Dugway, Tooele	47.48 76 P	P	03 42 55.8 0.0
DUG	comp=Z,7.5nm,1.4s	Iamb	Iamb	03 42 57.6
DUG	Dugway, Tooele	47.48 76 P	P	03 42 53.0 -2.8
DUG	comp=Z,4.0nm,0.8s	Iamb	Iamb	
GWY	Greenwater Val	47.69 83 Iamb	Iamb	03 43 26.2
GWY	comp=Z,4.5nm,0.9s	Iamb	Iamb	
QSM	Queen of Sheba	47.71 83 Iamb	Iamb	03 43 28.3
QSM	comp=Z,2.9nm,0.7s	Iamb	Iamb	
PDAR	Pinedale Array	47.82 71 P	P	03 42 57.8 -0.7
PDAR	comp=Z,1.4nm,0.7s,baz=307,slow=4.1,SNR=14	P	P	
PDAR	comp=Z,1.4nm,0.7s	pmx	pmx	03 43 25.8 +0.2
PRN	Pahroc Range	47.88 80 P	P	03 42 59.4 +0.4
PRN	comp=Z,7.0nm,0.9s	Iamb	Iamb	03 43 27.9
PRN	comp=Z,7.0nm,0.9s	Iamb	Iamb	
PSUT	Pine Spring	47.89 78 Iamb	Iamb	03 42 59.6
PSUT	comp=Z,3.0nm,0.6s	Iamb	Iamb	
GSCD	Goldstone, Bar	48.18 84 Iamb	Iamb	03 43 30.5
GSCD	comp=Z,6.8nm,0.8s	Iamb	Iamb	
KULLO	Kullorsuaq	48.42 17 P	P	03 43 59.9 -2.4
KULLO	comp=Z,2.8nm,1.0s	Iamb	Iamb	03 43 04.2
TMUT	Trail Mountain	49.00 76 Iamb	Iamb	03 43 08.3
TMUT	comp=Z,3.4nm,0.9s	Iamb	Iamb	
LYN	LuoYang	49.26 276 P	P	03 43 10.5 +1.2
LYN	comp=Z,19nm,0.9s	pmx	pmx	

SRU	comp=Z,53nm,0.6s	49.53 75 Iamb	Iamb	03 43 12.8
SRU	San Rafael Sew	49.53 75 Iamb	Iamb	
SP1S	Spitsbergen Ar	49.62 355 P	P	03 43 10.7 -0.7
SP1S	comp=Z,14nm,0.5s,baz=51,slow=6.6,SNR=37	P	P	
HMU	Henry Mountain	50.15 77 Iamb	Iamb	03 43 17.1
HMU	comp=Z,4.2nm,0.9s	Iamb	Iamb	
U15A	North Rim	50.20 79 Iamb	Iamb	03 43 46.9
U15A	comp=Z,4.1nm,0.7s	Iamb	Iamb	
WHN	Wuhan	50.83 271 P	P	03 43 21.6 +0.4
ULM	Lac du Bonnet	50.84 56 LR	LR	04 05 42.8
ULM	comp=Z,32nm,18.1s,baz=216,slow=37	LR	LR	
PV10	Paradox Valley	50.89 75 Iamb	Iamb	03 43 22.5
PV10	comp=Z,5.2nm,0.8s	Iamb	Iamb	
PV20	West Nyswonger	50.96 75 Iamb	Iamb	03 43 52.5
PV20	comp=Z,5.2nm,0.8s	Iamb	Iamb	
PV19	Morning Glory	50.97 75 Iamb	Iamb	03 43 52.5
PV19	comp=Z,4.8nm,1.0s	Iamb	Iamb	
PV16	Nyswonger Mesa	51.01 75 Iamb	Iamb	03 43 22.9
PV16	comp=Z,7.2nm,1.3s	Iamb	Iamb	
DAG	Danmarks Havn	51.05 5 P	P	03 43 12.5 -1.0
DAG	comp=Z,3.7nm,0.7s	Iamb	Iamb	03 43 14.3
PV03	Paradox Valley	51.08 75 Iamb	Iamb	03 43 23.4
PV03	comp=Z,7.8nm,1.3s	Iamb	Iamb	
PV02	Paradox Valley	51.18 75 Iamb	Iamb	03 43 24.3
PV02	comp=Z,5.8nm,0.8s	Iamb	Iamb	
SSLB	Saunglung	51.63 260 P	P	03 43 27.6 +0.3
XAN	Xi'an	51.78 278 P	P	03 43 28.1 -0.2
XAN	comp=Z,1.2nm,0.9s	pmx	pmx	
NIAQ	Niaqornat	52.01 19 P	P	03 43 29.5 +0.2
ZALV	Zalovsok Beam	52.29 312 P	P	03 43 30.6 -1.1
ZALV	comp=Z,1.2nm,0.4s,baz=37,slow=7.1,SNR=4.3	PcP	PcP	03 44 42.1 +0.8
ZALV	comp=Z,1.2nm,0.4s	ScP	ScP	03 43 36.0 -0.6
SAOQ	Saqqaq	52.98 19 P	P	03 43 37.7
SAOQ	comp=Z,2.7nm,1.0s	Iamb	Iamb	
SUMG	Summit	53.11 13 P	P	03 43 38.5 +0.5
SUMG	comp=Z,2.2nm,0.9s	Iamb	Iamb	03 43 36.8 -1.3
SUMG	Summit	53.11 13 P	P	03 43 39.1
SUMG	comp=Z,1.5nm,0.8s	Iamb	Iamb	03 43 31.0 -7.0
GT2A	Gaotai	53.64 290 P	P	03 43 42.9 +0.8
GT2A	comp=Z,22nm,0.9s	pP	pP	03 44 07.6 -1.8
GT2A	Gaotai	53.64 290 P	P	03 43 42.7 +0.2
GT2A	comp=Z,2.4nm,0.7s	pmx	pmx	
LZDM	Lanzhou Array	53.66 284 P	P	03 44 02.9 +0.6
LZDM	comp=Z,1.4nm,0.3s,baz=28,slow=5.5,SNR=1.7	P	P	
ZSN	Zaisan	56.49 306 eP	eP	03 44 06.3 -0.3
ARCES	ARCCESS Array B	57.18 349 P	P	03 44 06.3 -0.3
ARCES	comp=Z,2.7nm,0.7s,baz=27,slow=7.7,SNR=14	P	P	
KURK	Kurchatov	57.28 312 P	PcP	03 45 01.4 +0.8
KURK	comp=Z,2.7nm,0.7s	P	P	
KURK	Kurchatov	57.28 312 P	P	03 44 08.1 +0.4
KURK	comp=Z,2.7nm,0.7s	P	P	03 44 08.1 +0.4
LVZ	Loverozo	57.38 345 P	P	03 44 08.1 -0.1
KURBB	Kurchatov Arra	57.38 312 P	P	03 44 08.6 +0.2
KURBB	comp=Z,9.0nm,0.5s,baz=42,slow=6.8,SNR=81	PcP	PcP	03 45 01.4 +0.4
KURBB	comp=Z,2.7nm,0.6s,baz=39,slow=3.3,SNR=6.7	P	P	
WMQ	Urumqi	57.48 301 eP	eP	03 44 10.5 +1.1
WMQ	comp=Z,9.0nm,0.5s	PcP	PcP	03 45 02.3 +0.6
WMQ	Urumqi	57.48 301 eP	eP	
WMQ	comp=Z,1.3nm,0.7s	pmx	pmx	
MKAN	Makanchi Array	58.23 307 P	P	03 44 14.1 -0.4
MKAN	comp=Z,5.5nm,0.6s,baz=48,slow=6.4,SNR=53	P	P	
MAK2	Makanchi	58.37 307 P	P	03 44 15.1 -0.3
MAK2	comp=Z,5.8nm,0.6s	P	P	
MAK2	Makanchi	58.37 307 P	P	03 44 15.1 -0.3
MAK2	comp=Z,1.0nm,0.8s	P	P	
GOMU	Geerluu	58.75 290 P	P	03 44 18.9 +0.3
GOMU	comp=Z,1.2nm,0.6s	pmx	pmx	
BVAR	Borovoye Array	59.24 318 P	P	03 44 21.9 +0.5
BVAR	comp=Z,1.9nm,0.3s,baz=51,slow=7.8,SNR=52	P	P	
BVAR	comp=Z,9.5nm,0.5s,baz=45,slow=3.2,SNR=12	PcP	PcP	03 45 08.8 +0.5
BORK	Borovoye	59.25 318 P	P	03 44 22.2 +0.8
TX31	Lajitas Ar. Si	60.32 79 P	P	03 44 22.8 -0.5
TX31	comp=Z,3.5nm,1.3s	Iamb	Iamb	03 45 08.3
TXAR	Lajitas Array	60.33 79 P	P	03 44 29.3 +0.1
TXAR	comp=Z,1.1nm,0.7s,baz=302,slow=5.7,SNR=24	PcP	PcP	03 45 13.4 +0.1
TXAR	comp=Z,0.6nm,0.7s,baz=286,slow=2.2,SNR=4.4	ScP	ScP	03 49 02.6 -0.6
TXAR	comp=Z,0.4nm,0.8s,baz=270,slow=2.8,SNR=4.8	ScP	ScP	
TXAR	comp=Z,1.1nm,0.7s	P	P	
TXAR	Lajitas Array	60.33 79 P	P	03 44 29.0 -0.3
SCHO	Schefferville	60.32 79 P	P	03 44 30.9 +0.1
SCHO	comp=Z,4.8nm,0.5s,baz=308,slow=5.9,SNR=16	P	P	
SCHO	Schefferville	60.32 79 P	P	03 44 30.8 +0.1
ARTI	Arti	61.40 327 P	P	03 44 35.4 +0.8
TDK	Taldygorghan	61.41 307 eP	eP	03 44 36.9 +0.7
TDK	comp=Z,7.8nm,0.6s	P	P	
PZH	PanZhihua	61.47 277 P	P	03 44 38.3 +1.2
PDGK	Podgornoye	62.08 305 eP	eP	03 44 40.8 -0.1
SHLS	Shalko	62.22 305 eP	eP	03 44 40.8 -1.1
SHLS	comp=Z,5.6nm,0.6s	P	P	
KPKZ	Kokpek	62.38 306 eP	eP	03 44 43.6 +0.7
UPKB	Uzynbulak	62.45 305 eP	eP	03 44 43.6 +0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PYZ Puysegur Point, PYZ Puysegur Point, OKCZ Okains Bay, etc.

IDC 15 04:30:40.5:0.7, 20:89S:168:65E, h0km, mb4.2/15, mbmp4.2/17, ML3.9/2, MS3.27, Error ellipse: s-maj=19.4km s-min=17.0km az=114.0, NEIC 15 04:30:42.4:1.9, 20:95S:0:07:168:68E:0:07, h10km, 1km, mb4.5/19, Error ellipse: s-maj=15.5km s-min=6.1km az=136.0, NOU 15 04:30:42.3: 20:76S:168:50E, h0km, MLV4.8/16, Loyalty Islands

ISC 15 04:30:45.2:0.6, 20:91S:0:05:168:65E:0:07, h32km, 3km, h32km: p-P, n95, e107/08, mb4.4/28, MS3.1/3, CD-6D, Loyalty Islands

Main table of station data for the left column, including stations like MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, etc.

Table of station data for the middle column, including stations like VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, NVAR Mina Array Bay, etc.

IDC 15 04:34:01.3:0.7, 6:80N:73:12W, h161km, 8km, mb3.3/7, mbmp3.8/9, Error ellipse: s-maj=20.2km s-min=8.4km az=130.0, NEIC 15 04:34:02.2:1.9, 6:78N:0:09:73:1W:0:1, h159km, 10km, mb4.3/14, Error ellipse: s-maj=17.9km s-min=9.4km az=128.0, RSNC 15 04:34:02.0:0.0, 7°N:1:7°3'W, h152km, 1km, M4.0, mB5.1, mb4.2, ML3.5, MLV4.3, Mw(mB)4.4, FUNV 15 04:34:04.0, 7:14N:73:11W, h0km, MW3.8, Presumed earthquake

ISC 15 04:34:01.0:0.6, 6:85N:0:03:73:15W:0:04, h154km, 6km, n71, e1943/104, mb4.1/13, Northern Colombia

Main table of station data for the middle column, including stations like BARC Barichara, BARC Barichara, BARC Barichara, etc.

Main table of station data for the right column, including stations like UREC San Jos de Ur, UREC San Jos de Ur, UREC San Jos de Ur, etc.

BUI 15 04:45:03.9, 5:79S:152:88E, h9km, mB5.0/10, mb4.9/40, Ms4.7/4, Ms7.4/5/1, IDC 15 04:45:03.8:0.5, 5:98S:152:58E, h0km, mb4.6/22, mbmp4.6/24, ML3.3, MS3.5/10, Error ellipse: s-maj=14.0km s-min=9.3km az=101.0, DJA 15 04:45:04.9:0.6, 6:54S:15:3E, h45km, 7km, M5.0/16,

15d 4h

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mB5.4/6, mb4.9/16, MLV5.1/3, Mw(mB)4.9/6
GFZ 15 04:45:05.9.0.2.6.S.3.15.3E.1, h10km, M5.0/30,
mB5.0/30
NEIC 15 04:45:06.3.1.9.6.01S.0.04:152.66E.0.06, h10km, 1km,
mB5.0/212, Error ellipse: s-maj=10.8km s-min=5.6km
az=111.0
GCMT 15 04:45:10.3.0.3.6.09S.0.02:152.55E.0.04, h23km,
MW4.8/92, Moment Tensor Solution. s32.c33; s92.c117;
Duration: 0 Moment tensor: Scale 10^10N; Mr=2.55E.16;
Mw=1.67E.09; Mw0.87E.09; Mw0.01E.11; Mw0.0.74E.05;
Mw0.0.33E.15; Best double couple: Mw2.35200E1016
NP13a=116.00000; 343.00000; -1.98.00000; NP2:
6.308.00000; 847.00000; -1.83.00000; Principal axes:
T 1.220, P1g2.00000; Azm31.00000; N 0.4540,
P1g5.00000; Azm121.00000; P -2.5820, P1g64.00000-
Azm282.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 15 04:45:09.4.0.3.6.01S.0.04:152.64E.0.05, h38km, n240,
e1511/159, mb4.9/155, M5.3/49, 1C, New Britain region

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: USRK, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

MFID	Camas Ranch	65.91	357	IAMS_20	IAMS_20	07 14 33.3
ALF01	Guarapari-ES	65.93	103	eP	P	06 51 23.5 +0.1
SBA	Scott Base	66.01	193	pmax	pmax	06 51 23.7 +0.7
SBA	comp=Z,92nm,1.5s					
SBA	Scott Base	66.01	193	P	IAMB	06 51 23.7 +0.7
SJM	Sao Joao De Ma	66.06	101	eP	P	06 51 24.4 +0.1
FXWY	Fox Creek	66.07	1	IAMS_20	IAMS_20	07 17 44.6
BSFB	Barra de Sao F	66.33	101	eP	P	06 51 25.8 +0.2
HDIL	Hopedale	66.52	19	IAMS_20	IAMS_20	07 17 39.5
RIB01	Linhares ES	66.62	102	eP	P	06 51 27.7 -0.1
JCZ	Jackson Bay	66.77	230	P	P	06 51 29.7 +1.2
BLA	Blacksburg	66.78	27	IAMS_20	IAMS_20	07 16 08.4
S54A	Dingess, Beckl	66.91	26	IAMS_20	IAMS_20	07 16 49.8
MLZ	Mavora Lakes	67.02	229	P	IAMB	06 51 30.3 +0.3
MLZ	comp=Z,68nm,1.2s					
MLZ	IAMS_20	IAMS_20				07 13 43.3
SFIN	Lafayette	67.05	21	IAMS_20	IAMS_20	07 17 44.5
WHZ	Wether Hill Ro	67.05	228	P	IAMS_20	06 51 31.3 +1.1
WHZ	comp=Z,3um,22.0s					
VNDA	Vanda	67.06	194	P	P	06 51 29.7 0.0
VNDA	comp=Z,8.1nm,1.1s,baz=90,slow=6.0,SNR=27					
VNDA	LR					07 14 16.6
VNDA	Vanda	67.06	194	P	pmax	06 51 30.7 +1.0
VNDA	comp=Z,73nm,1.6s					
VNDA	Vanda	67.06	194	P	IAMB	06 51 30.6 +1.0
YNR	Norris Junctio	67.15	1	P	P	06 51 30.9 0.0
051A	Peebles	67.17	24	IAMS_20	IAMS_20	07 17 31.8
V61A	Roper	67.33	31	IAMS_20	IAMS_20	07 17 54.1
L40A	Anamosa	67.37	17	IAMS_20	IAMS_20	07 17 23.9
QSPA	South Pole Qui	67.41	180	P	LR	06 51 32.6 +0.4
QSPA	comp=Z,54nm,1.1s,baz=115,slow=2.0,SNR=78					
QSPA	LR					07 16 46.9
QSPA	comp=Z,3um,19.9s,baz=103,slow=32					
QSPA	PKPKPK P'P'df					07 19 57.6 -4.8
QSPA	comp=Z,13nm,1.2s,baz=355,slow=6.0,SNR=5.2					
QSPA	South Pole Qui	67.41	180	P	P	06 51 32.6 +0.4
QSPA	South Pole Qui	67.41	180	IAMS_20	IAMS_20	07 16 26.5
Q52A	Bidwell	67.53	25	IAMS_20	IAMS_20	07 18 07.3
PLID	Pearl Lake	67.59	357	IAMS_20	IAMS_20	07 15 06.6
RLMT	Red Lodge	67.60	2	IAMS_20	IAMS_20	07 16 01.5
M44A	Midewidew	67.66	20	IAMS_20	IAMS_20	07 18 27.8
DCZ	Deep Cove	67.67	229	IAMS_20	IAMS_20	07 14 35.6
ECOR	EROS Data Cent	67.70	12	IAMS_20	IAMS_20	07 17 58.6
CSD	Corvalliss	67.76	352	IAMS_20	IAMS_20	07 14 21.2
DLMT	Dillon	67.78	360	IAMS_20	IAMS_20	07 16 11.7
R55A	Marlinton	67.81	27	IAMS_20	IAMS_20	07 16 51.7
T59A	Double "B" Far	67.84	30	IAMS_20	IAMS_20	07 18 39.7
GUA01	Guaratinga, BA	67.96	99	eP	P	06 51 36.3 0.0
SUSD	Miller	67.97	10	IAMS_20	IAMS_20	07 18 20.6
BOZ	Bozeman (W)	68.02	1	IAMS_20	IAMS_20	07 17 23.6
Q54A	Coxs Mills	68.11	26	IAMS_20	IAMS_20	07 17 37.7
P53A	Whipple	68.32	25	IAMS_20	IAMS_20	07 17 39.4
ACSO	Alum Creek Sta	68.36	24	IAMS_20	IAMS_20	07 18 30.2
JOHN	Johnston Island	68.36	300	P	P	06 51 40.3 +1.6
L44A	Lake County Fo	68.42	19	IAMS_20	IAMS_20	07 18 38.9
JFWS	Jewell Farm	68.42	17	IAMS_20	IAMS_20	07 18 07.8
CMC01	Camacan, BA	68.61	98	eP	P	06 51 40.5 0.0
O52A	Adamsville	68.68	25	IAMS_20	IAMS_20	07 18 04.1
NBIT	Itapeh - BA	68.82	98	eP	P	06 51 42.2 +0.5
MCWV	Mont Chateau	69.09	26	IAMS_20	IAMS_20	07 17 33.5
N51A	Ashland	69.18	24	IAMS_20	IAMS_20	07 19 04.0
040A	Norwalk	69.23	17	IAMS_20	IAMS_20	07 18 30.2
H45A	Avela	69.32	26	IAMS_20	IAMS_20	07 18 06.6
NBPN	Ponto Novo - B	69.48	93	eP	P	06 51 45.7 -0.3
N53A	Lisbon	69.67	25	IAMS_20	IAMS_20	07 18 43.1
I42A	Draeger Farm,	69.70	18	IAMS_20	IAMS_20	07 19 07.6
E28A	Huff	69.79	9	IAMS_20	IAMS_20	07 19 27.7
F33A	5 Mile Ranch,	69.79	12	IAMS_20	IAMS_20	07 19 12.9
AAM	Ann Arbor	69.93	22	IAMS_20	IAMS_20	07 20 14.7
M52A	Chesterland	70.10	24	IAMS_20	IAMS_20	07 19 20.5
J47A	Sumner	70.36	21	IAMS_20	IAMS_20	07 20 28.2
EGMT	Eagleton	70.48	2	IAMS_20	IAMS_20	07 17 30.8
H43A	Windswept, Lux	70.56	18	P	P	06 51 51.4 -0.3
H43A	comp=Z,3um,20.0s					
NLWA	Neilton Lookou	70.59	352	IAMS_20	IAMS_20	07 15 54.0
G40A	Rib Lake	70.62	16	IAMS_20	IAMS_20	07 19 49.0
NBPS	Pedro II - PI	70.67	87	eP	P	06 51 52.9 -0.4
K50A	Casco	70.71	23	IAMS_20	IAMS_20	07 20 29.4
NEW	Newport	70.82	357	LR	LR	07 18 14.7
MDND	Maddock	71.19	9	IAMS_20	IAMS_20	07 20 35.8
DMGT	Dagmar	71.26	6	IAMS_20	IAMS_20	07 18 58.6
M57A	Sunshine Farm,	71.62	27	IAMS_20	IAMS_20	07 20 40.7
CLRS	Cowichan Lake	72.02	352	P	P	06 52 01.1 +0.5
NBMA	Murri-CI	72.04	91	eP	P	06 52 01.5 0.0
NBTA	Tacaratu-PE	72.05	93	eP	P	06 52 01.5 -0.1
L56A	Greenwood	72.11	26	IAMS_20	IAMS_20	07 20 52.4
AGMN	Agassiz Nation	72.24	11	IAMS_20	IAMS_20	07 20 25.6
NBMO	Morrhinos-CE	72.37	86	eP	P	06 52 03.6 +0.1
VNA3	Neumayer Olymp	72.63	161	eP	P	06 52 03.5 -0.6
BINY	Binghamton	72.82	27	IAMS_20	IAMS_20	07 23 33.3
K57A	Scipio Center	73.03	27	IAMS_20	IAMS_20	07 19 39.9
VNA1	Neumayer-Stat	73.27	160	eP	P	06 52 07.7 -0.1
VNA2	Neumayer-Watz	73.44	161	eP	P	06 52 08.4 -0.1
SADO	Sadowa	73.70	24	LR	LR	07 22 09.5
SADO	comp=Z,2um,20.2s,baz=220,slow=34					
SADO	Sadowa	73.70	24	P	P	06 52 10.2 -0.5
ONTNC	Ouen Toro	74.02	252	P	P	06 52 15.6 +2.5
ULM	Lac du Bonnet	74.12	11	P	P	06 52 12.2 -0.7
ULM	comp=Z,19nm,0.9s,baz=197,slow=5.8,SNR=18					

NOUC	Port Laguerre	74.22	252	P	P	06 52 15.7 +1.4
SNA4	Sanas	74.49	162	eP	P	06 52 14.5 -0.8
SNA4	comp=Z,319nm,1.1s					
SNA4	Sanas	74.49	162	P	P	06 52 14.3 -0.6
SNA4	comp=Z,11nm,0.8s,baz=239,slow=4.9,SNR=21					
SNA4	LR					07 20 36.2
SNA4	Sanas	74.49	162	P	pmax	06 52 14.7 -0.4
SNA4	comp=Z,147nm,1.9s					
SNA4	Sanas	74.49	162	P	IAMB	06 52 14.7 -0.4
SNA4	comp=Z,147nm,1.9s					06 52 24.7
L64A	Middleborough	74.92	31	IAMS_20	IAMS_20	07 23 06.0
NCB	Newcomb	75.01	27	P	IAMB	06 52 17.7 -0.6
NCB	comp=Z,56nm,1.1s					06 52 19.4
RCBR	Riachuelo	75.24	90	P	P	06 52 19.9 -0.5
RCBR	comp=Z,10nm,1.0s,baz=230,slow=13,SNR=6.2					
RCBR	comp=Z,10nm,1.0s					
NBPV	Pedro Velho	75.59	91	eP	P	06 52 22.5 +0.2
TROLL	Troll, Antarti	75.82	163	eP	P	06 52 22.8 -0.1
TROLL	comp=Z,60nm,0.9s					
BBB	Bella Bella	75.88	350	LR	LR	07 17 54.0
I62A	Tamworth	76.20	29	IAMS_20	IAMS_20	07 25 20.9
KOUNC	Koumang New Ca	76.50	253	P	P	06 52 28.8 +1.4
G62A	West of Eustis	77.61	29	IAMS_20	IAMS_20	07 22 47.2
G62A	comp=Z,2um,22.0s					
FFC	Flin Flin	77.66	6	eP	P	06 52 32.8 -0.3
G65A	Princeton	78.95	30	IAMS_20	IAMS_20	07 23 30.7
NVL	Dease Lake	78.98	164	eP	P	06 52 39.7 -0.7
NVL	N'azarevskaya	78.98	164	eP	P	06 55 39.9
NVL	eSS					07 02 34.4 -4.6
NVL	eSSS					07 07 43.8 +0.5
NVL	eSSS					07 11 12.6
NVL	pmax					
NVL	MLR					
NVL	MLR					
D62A	Kilgus, Alj	79.70	28	IAMS_20	IAMS_20	07 25 59.5
MIDW	Midway	80.64	306	IAMS_20	IAMS_20	07 20 38.4
ELIB	Princess Elisa	80.82	167	eP	P	06 52 50.0 -0.5
ELIB	comp=Z,19nm,1.2s					
ELIB	Bob Quinn	80.84	350	eP	S	07 02 59.6 +0.9
ELIB	comp=Z,2um,20.0s					
SIT	Sitka	81.82	348	P	P	06 52 56.9 +1.3
S34M	Telegraph Cree	81.88	350	IAMS_20	IAMS_20	07 21 12.9
S34M	comp=Z,2um,22.0s					
S32K	Killsnoo	82.06	348	IAMS_20	IAMS_20	07 20 27.6
DLBO	Dease Lake	82.21	351	LR	LR	07 22 59.8
DLBO	comp=Z,2um,21.4s,baz=138,slow=31					
MOO	Moorlands	82.31	227	P	P	06 53 00.3 +1.6
MOO	comp=Z,124nm,1.2s					
MOO	Moorlands	82.31	227	P	P	06 53 00.3 +1.6
CORO	Coronation Par	82.73	228	P	P	06 53 02.4 +1.4
AUKHS	Kincumber High	82.76	327	P	P	06 53 04.0 +2.8
JIS	Juneau Island	82.78	348	P	P	06 53 08.0 +2.2
ST1K	Pelican	82.85	347	IAMS_20	IAMS_20	07 22 46.4
MGCD	Mangrove Creek	83.06	237	P	P	06 53 04.3 +1.4
MGCD	comp=Z,2um,19.0s					
MGCD	Mangrove Creek	83.06	237	P	P	06 53 05.2 +2.3
R33M	Jennings River	83.27	351	IAMS_20	IAMS_20	07 22 57.7
AUSMG	Snow Mountain	83.70	233	P	P	06 53 07.5 +1.3
ARMA	Armidale	83.72	240	P	P	06 53 07.3 +0.8
ARMA	Armidale	83.72	240	P	P	06 53 06.5 0.0
AUMHS	Melrose High S	83.77	234	P	P	06 53 07.2 +0.7
AUDAN	Daramalan Coll	83.77	235	P	P	06 53 07.2 +0.7
AUMTS	Mt Strathgairn	83.85	234	P	P	06 53 08.4 +1.4
CAN	Canberra	83.85	234	P	P	06 53 07.9 +0.9
CAN	comp=Z,44nm,1.8s					
CAN	Canberra	83.85	234	P	P	06 53 08.9 +1.9
CAN	Canberra	83.85	234	IAMS_20	IAMS_20	07 21 36.1
AUPHS	Peel High Scho	84.05	239	P	P	06 53 08.1 +0.1
HNR	Honiara	84.36	262	LR	LR	07 22 30.3
AUTOC	Toowoomba, Sta	84.54	243	P	P	06 53 11.5 +0.9
TW1H	Toowoomba, H	84.54	243	P	P	06 53 11.5 +0.9
SAVO	Savo Central	84.58	262	P	P	06 53 12.1 +1.1
YATA	Tatamba Isabel	84.88	363	P	P	06 53 13.2 +0.8
YATA	Yellowknife Ar	84.97	359	P	P	06 53 11.0 -0.6
YKA	comp=Z,45nm,1.1s,baz=177,slow=5.0,SNR=46					
YKA	LR					07 27 01.3
PNL	Peninsula	85.08	347	P	P	06 53 10.8 -1.5
AUDCS	Dubbo College	85.37	237	P	P	06 53 15.4 +0.8
O30N	Mendhallan	85.43	349	IAMB	IAMB	06 53 13.3 -0.3
O30N	comp=Z,49nm,1.3s					
O30N	IAMS_20	IAMS_20				07 22 20.9
O29M	Mount Kennedy	85.48	347	IAMS_20	IAMS_20	07 22 32.3
TOO	Toolangi	85.51	231	P	P	06 53 16.0 +0.7
TOO	Toolangi	85.51	231	P	pmax	06 53 15.3 0.0
TOO	Toolangi	85.51	231	P	P	06 53 15.3 0.0
CASY	Casey	85.54	196	IAMB	IAMB	06 53 15.2 +0.4
CASY	comp=Z,45nm,0.8s					06 55 14.0
CASY	Casey	85.54	196	IAMS_20	IAMS_20	07 25 30.5
PCA	Pinnacle	85.6				

15d 6h

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Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like G29M Pine Creek, COLA College, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like IVI Ivgitut, SHEM Shemya Is, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LSZ Lusaka, ZEA Echezy, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FULB Fuli, WCHH Zhonghua, IRIF Iriomote-Funau, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JAGI Jajag, RTBI Ranggo, DNP Denpasar, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MTN Mantan Dam, MEEK Meekatharra, MEEK Meekatharra, etc.

IDC 15 07:37:5.8, 14:505-164.83E, h0km, mb3.8/3, mbtmp3.8/4, ML3.0/1, MS4.4/4, Error ellipse: s-maj=151.2km s-min=24.0km az=52.0, Vanuatu Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM, DZM, etc.

IDC 15 07:09:48.8, 1.15:165x177.11E, h467km, 15km, mb2.9/4, mbtmp3.9/6, Error ellipse: s-maj=35.0km s-min=20.9km az=165.0

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

IDC 15 07:09:47.7, 1.0:14.9S, 0.2x177.0E:0.1, h450km, nb, #1907/9, mb3.4/5, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, MSVF, AFI Afiamalu, etc.

IDC 15 07:08:5.0, 8.9:13S, 114:12E, h39km, mb5.5/66, Error ellipse: s-maj=9.4km s-min=4.6km az=116.5

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, AFI Afiamalu, WRA Waramunga Arr, etc.

IDC 15 07:12:10.3, 9.4:23S, 114:09E, h39km, 11km, mb4.8/38, mbtmp5.0/39, ML4.3/1, MS4.4/18, Error ellipse: s-maj=13.8km s-min=8.1km az=69.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ, MYKOM Kota Tinggi, etc.

IDC 15 07:12:12.3, 9.3:37S, 114:02E, h45km, Mw4.9/32, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn:3.00; Mw:1.88; Mw:1.12; Mw:1.09; Mw:0.61; Mw:0.02; Fault plane solution: Mo:2.91230x10^16 NP1:70.42937; delta:62699; lambda:38393; NP2:235.79906; delta:525821; lambda:779669; Principal axes: T: 3.2429, Plg7:5838; Azm:0.827; N: -0.8504, Plg6:9120; Azm:64.6729; P: -2.3924, Plg10:2636; Azm:154.415; T: 2.3924, Plg10:2636; Azm:154.415; GFZ 15 07:12:12.3, 9.3:37S, 114:02E, h58km, Ms.2/72, mb5.3/72

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like COEN Coen, COEN, COEN, etc.

MOS 15 07:12:08.5, 0.8:9:13S, 114:12E, h39km, mb5.5/66, Error ellipse: s-maj=9.4km s-min=4.6km az=116.5

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ, MYKOM Kota Tinggi, etc.

IDC 15 07:12:10.3, 9.4:23S, 114:09E, h39km, 11km, mb4.8/38, mbtmp5.0/39, ML4.3/1, MS4.4/18, Error ellipse: s-maj=13.8km s-min=8.1km az=69.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ, MYKOM Kota Tinggi, etc.

IDC 15 07:12:12.3, 9.3:37S, 114:02E, h45km, Mw4.9/32, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn:3.00; Mw:1.88; Mw:1.12; Mw:1.09; Mw:0.61; Mw:0.02; Fault plane solution: Mo:2.91230x10^16 NP1:70.42937; delta:62699; lambda:38393; NP2:235.79906; delta:525821; lambda:779669; Principal axes: T: 3.2429, Plg7:5838; Azm:0.827; N: -0.8504, Plg6:9120; Azm:64.6729; P: -2.3924, Plg10:2636; Azm:154.415; T: 2.3924, Plg10:2636; Azm:154.415; GFZ 15 07:12:12.3, 9.3:37S, 114:02E, h58km, Ms.2/72, mb5.3/72

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ, MYKOM Kota Tinggi, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CTAO Charters Tower, HTT Hallett, QLP Quilpie, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DL2, BJI2 Beijing, MAJO Matushiro, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like RPZ Rata Peaks, KSH2 Kashi, QZ Quartz Range, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAGM Ragged Mountain, KLU Klutina, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR, O28M, J25K, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like INK, PEAOB, PETK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR, ELK, PDAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSSD, HMU, U15A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PV13, MJAR, MAJO, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES, NOA, HFS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, EKA, AKASA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES, CMAR, ESDC, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2, H1N1, H1N1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N1, H1S1, H1S1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1S2, SONM, SONM, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like E22K, E22K, KDJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDJ, SLKM, E24K, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like KDKA, GMSY, N17K, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like RNPP1, KLL, AK21, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like SDV, Santo Domingo, 833A, etc.

Table with columns: Station Name, Time, Res, Pn, Sb, IAML, etc. Includes stations like Hachioji jima 2, Korea Array, WAKE ISLAND Hy 21.40, etc.

DMN 15 10:22:02.7-0.7, 27.78N-87.58E, h60km, M14.2/7, Error ellipse: s-maj=17.5km s-min=7.6km az=41.0, Nepal

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, Pn, Sb, IAML, etc. Includes stations like ODare, ODAN, ODAN, etc.

SDD 15 10:22:35.3-1.8, 18.13N-71.71W, h43km-21km, MD2.5, ML2.0, MW3.1, Presumed earthquake

OSPL 15 10:22:40.6-1.7, 18.33N-71.69W, h8km-58km, ML2.0, Presumed earthquake

ISC 15 10:22:38.5-1.1, 18.31N-0.05-71.64W-0.06, h28km-3km, n12, e0.97/21, 8C-3D, Dominican Republic region

Table of station data for the Dominican Republic region, including stations like El Espartillar, Jimani, Neiba UASD, etc.

Table for SDDR Presa de Saban with columns: Code, Station Name, Az, Phase ID, Time, Res, Pn, Sb, IAML, etc.

SDD 15 10:28:00.7-1.0, 18.32N-71.78W, h30km-4km, MD3.0, ML2.5, MW3.1, Presumed earthquake

OSPL 15 10:28:01.5-1.8, 18.34N-71.69W, h0km-21km, ML2.5, Presumed earthquake

ISC 15 10:28:00.5-1.1, 18.34N-0.04-71.65W-0.04, h18km-3km, n12, e0.97/21, 8C-3D, Dominican Republic region

Table of station data for the Dominican Republic region, including stations like El Espartillar, Jimani, Neiba UASD, etc.

IDC 15 10:43:59.7-3.8, 10.94S-113.40E, h0km, mb3.3/3, mbmp3.4/4, ML3.0/1, MS3.4/2, Error ellipse: s-maj=208.9km s-min=25.6km az=45.0

DJA 15 10:44:00.5-0.4, 9.54S-111.4E, h10km, M4.0/13, ML4.0/13

ISC 15 10:44:00.2-1.1, 9.44S-111.02E-0.06, h31km, n20, e1.20/19, mb3.4/3, South of Bali

Table of station data for the South of Bali region, including stations like Jagaj, Banyuwa, Denpasar, etc.

IDC 15 10:48:38.9-0.6, 22.71S-112.42W, h0km, mb4.4/13, mbmp4.4/13, MS3.9/24, Error ellipse: s-maj=24.7km s-min=16.2km az=79.0

GFZ 15 10:48:40.9-0.3, 23.2S-111.2W, h10km, M4.7/24, mb4.7/24

NEIC 15 10:48:41.5-1.1, 22.8S-111.2W-0.1, h10km, 1km, mb5.0/246, Error ellipse: s-maj=22.0km s-min=19.6km az=26.0

GCMT 15 10:48:42.5-0.5, 22.9S-111.2W-0.04, h14km, 1km, MW4.8/86, Moment Tensor Solution, s22,c26; s86,c109; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-1.63e-14; Mss-1.06e-08; Mss-0.62e-09; Mss-0.89e-19; Mss-0.53e-05; Mss-0.83e-24; Best double couple: M11,86000x10^16 Nm^1, 321.00000, 843.00000, -53.00000. NP2: 0.96.00000, 857.00000, -119.00000. Principal axes: T: 1.4560, Plg8.0000, Azm206.0000; N: 0.8000, Plg24.0000, Azm112.0000; P: -2.2630, Plg65.0000, Azm313.0000; nstia refers to body waves, cutoff=40s. nstia refers to surface waves, cutoff=50s. Triangular moment-tensor function

ISC 15 10:48:40.7-0.4, 22.70S-112.42W-0.09, h10km, n242, e0.91/131, mb4.9/140, MS4.0/24, 2D, Easter Island region

Table of station data for the Easter Island region, including stations like Taoye, Puyto Ayora, PPT, etc.

Large table of station data on the right side of the page, including stations like Pasa Flores, IROC Station P, etc.

PLAI	Plampang	15.49 210	P	Pn	10 56 49.1 +0.5
PLAI	Plampang	15.49 210	P	P	10 56 50.2 +0.4
GENI	Genyem	16.25 116	P	P	10 56 58.3 +0.1
GENI	Genyem	16.25 116	P	P	10 57 00.8 +2.6
JAGI	Jajag, Banyuwa	17.32 221	P	Pn	10 57 11.3 +0.4
JAGI	Jajag, Banyuwa	17.32 221	P	Pn	10 57 10.4 -0.4
JAGI	Jajag, Banyuwa	17.32 221	P	P	10 57 13.5 +2.6
DRS	Darwin Rock St	17.78 163	P	P	10 57 15.4 +0.4
MTN	Manton Dam	18.24 162	P	P	10 57 19.9 -0.1
MTN	Manton Dam	18.24 162	P	P	10 57 19.1 -0.9
DLV	Lat	18.39 294	P	Pn	10 57 22.8 -1.0
DLV	Lat	18.39 294	P	P	10 57 24.9 +1.1
KDU	Kakadu	18.54 158	P	P	10 57 24.0 +0.8
TWGBT	Beinan	18.57 347	P	P	10 57 21.3 -2.3
TWG	Piniang	18.58 347	P	P	10 57 21.2 -2.5
YULB	Yu-li	19.10 348	P	P	10 57 25.9 -3.3
TPUB	Ta-pu	19.14 346	P	P	10 57 27.0 -2.8
TPUB	Ta-pu	19.14 346	P	P	10 57 27.7 -2.2
UGM	Wanagama	19.53 230	P	Pn	10 57 35.6 -1.4
SSLB	Suangleung	19.54 347	P	P	10 57 32.8 -1.3
SSLB	Suangleung	19.54 347	P	P	10 57 32.4 -1.7
SSLB	Suangleung	19.54 347	P	P	10 57 32.9 -1.3
NACB	Ninganchiao	19.78 349	P	P	10 57 34.5 -2.2
YOJ	Yonaguni jima	19.85 353	P	Pn	10 57 38.9 -1.6
JMB	Miyako jima 2	20.05 359	P	P	10 57 40.6 +1.1
YHNB	Yeheng	20.31 349	P	P	10 57 41.3 -1.1
KNRA	Kunurra	20.44 171	P	P	10 57 43.8 0.0
KNRA	Kunurra	20.44 171	P	Pn	10 57 44.1 +0.3
QIZ	Qiongzong	20.88 314	P	P	10 57 51.8 -2.4
QIZ	Qiongzong	20.88 314	P	P	10 58 18.9 -2.1
QIZ	Qiongzong	20.88 314	P	P	11 01 32.6 -2.4
QIZ	Qiongzong	20.88 314	P	P	11 01 32.6 -2.4
GUM0	Guam	20.99 64	P	P	10 57 51.6 +1.9
GUM0	Guam	20.99 64	P	P	11 04 38.7
GUM0	Guam	20.99 64	P	P	10 57 51.6 +1.9
GUM0	Guam	20.99 64	P	P	10 57 49.2 -0.5
GUM0	Guam	20.99 64	P	P	10 57 48.4 -1.3
GUM0	Guam	20.99 64	P	P	10 57 54.0 +1.5
QZH2	Qianzhou	21.26 342	eP	sP	10 58 39.3 +0.8
QZH2	Qianzhou	21.26 342	eP	sP	11 01 34.4 -5.6
QZH2	Qianzhou	21.26 342	eP	sP	11 02 22.5 -2.8
BBJI	Bungbuliang	21.57 236	P	P	10 57 57.0 +0.1
BBJI	Bungbuliang	21.57 236	P	P	10 57 55.9 -0.1
JMZ	Minamidaito 2	21.73 14	P	P	10 57 58.2 +0.7
JMZ	Minamidaito 2	21.73 14	P	P	10 57 57.5 0.0
MYKOM	Kota Tinggi	21.88 263	P	Iamb	10 58 00.6 +1.4
MYKOM	Kota Tinggi	21.88 263	P	Iamb	10 58 02.5
MYKOM	Kota Tinggi	21.88 263	P	P	10 58 00.9 +1.7
JOW	Kunigami	22.20 6	S	S	11 01 54.7 -1.3
JOW	Kunigami	22.20 6	S	S	10 58 02.1 -0.2
JOW	Kunigami	22.20 6	P	P	10 58 02.6 +0.3
JOW	Kunigami	22.20 6	P	Iamb	10 58 16.9
JOW	Kunigami	22.20 6	P	P	10 58 02.4 +0.1
FITZ	Fitzroy Crossi	22.61 180	P	P	10 58 06.0 -0.1
FITZ	Fitzroy Crossi	22.61 180	P	P	10 58 06.4 +0.2
FITZ	Fitzroy Crossi	22.61 180	P	P	11 02 00.5 -2.2
FITZ	Fitzroy Crossi	22.61 180	P	P	11 05 17.6 -0.3
FITZ	Fitzroy Crossi	22.61 180	P	P	10 58 06.1 -0.1
FITZ	Fitzroy Crossi	22.61 180	P	P	10 58 06.2 0.0
FITZ	Fitzroy Crossi	22.61 180	P	P	10 58 06.5 +0.2
MANU	Marnus Island	22.76 107	P	P	10 58 08.9 +1.1
MANU	Marnus Island	22.76 107	P	P	10 58 24.6 +2.7
IPM	Ipo	24.48 271	P	P	10 58 24.4 +0.9
IPM	Ipo	24.48 271	P	P	10 58 24.5 +0.9
IPM	Ipo	24.48 271	P	Iamb	10 58 27.0
KULM	Kulim	24.85 273	P	P	10 58 28.2 +1.4
KULM	Kulim	24.85 273	P	P	10 58 26.9 +0.1
KULM	Kulim	24.85 273	P	Iamb	10 58 29.6
COEN	Coen	25.43 137	P	P	10 58 32.2 +0.1
COEN	Coen	25.43 137	P	P	10 58 32.1 +0.1
COEN	Coen	25.43 137	P	P	10 58 32.5 +0.5
COEN	Coen	25.43 137	P	P	10 58 32.7 +0.7
PMG	Port Moresby	25.64 123	P	P	10 58 34.5 +0.5
PMG	Port Moresby	25.64 123	P	P	10 58 35.2 +1.2
PMG	Port Moresby	25.64 123	P	P	10 58 34.5 +0.5
PMG	Port Moresby	25.64 123	P	Iamb	10 58 35.8
PMG	Port Moresby	25.64 123	P	P	10 58 34.7 +0.8
WBO	Warramunga Arr	25.77 161	P	P	10 58 35.1 +0.1
WBO	Warramunga Arr	25.77 161	P	Iamb	10 59 16.3
WRAB	Tennant Creek	25.91 161	P	P	10 58 35.8 -0.5
WRAB	Tennant Creek	25.91 161	P	P	10 58 36.4 +0.1
WRAB	Tennant Creek	25.91 161	P	Iamb	10 58 43.5
WRAB	Tennant Creek	25.91 161	P	P	10 58 36.0 -0.3
WRAB	Tennant Creek	25.91 161	P	P	10 58 36.3 -0.1
WRA	Warramunga Arr	25.91 161	P	P	11 02 01.1 -0.3
WRA	Warramunga Arr	25.91 161	P	P	11 02 01.1 -0.3
WRA	Warramunga Arr	25.91 161	P	P	11 02 50.9 -4.6
WRA	Warramunga Arr	25.91 161	P	P	11 05 27.2 +0.1
WRA	Warramunga Arr	25.91 161	P	P	10 58 35.3 -1.1
WRA	Warramunga Arr	25.91 161	P	Iamb	10 58 37.1 +0.2
WRA	Warramunga Arr	25.91 161	P	Iamb	10 59 24.0
MBWA	Marble Bar	26.29 192	P	P	10 58 39.7 0.0
MBWA	Marble Bar	26.29 192	P	P	10 58 39.5 -0.2

MBWA	Marble Bar	26.29 192	P	P	10 58 39.6 0.0
MBWA	Marble Bar	26.29 192	P	Iamb	10 58 43.2
MBWA	Marble Bar	26.29 192	P	P	10 58 39.9 +0.2
JSU	Suzuyama	27.10 9	P	P	10 58 47.0 +0.1
NJ2	Nanjing	27.98 348	eP	pmax	10 58 57.8 +3.2
GSJ	Gunungsitoli	28.16 264	P	Iamb	10 58 57.2 +0.7
GSJ	Gunungsitoli	28.16 264	P	P	10 58 57.0 +0.5
QIS	Mount Isa	28.59 152	P	P	10 59 00.7 +0.4
QIS	Mount Isa	28.59 152	P	P	10 59 00.6 +0.4
QIS	Mount Isa	28.59 152	P	P	10 59 00.8 +0.6
JUNU	Nakatsue	28.59 152	P	P	10 59 00.1 -2.4
MTSU	Mount Surprise	29.23 141	P	P	10 59 06.8 +0.9
MTSU	Mount Surprise	29.23 141	P	P	10 59 06.6 +0.7
MTSU	Mount Surprise	29.23 141	P	P	10 59 06.9 +1.0
MTSU	Mount Surprise	29.23 141	P	P	10 59 06.8 +0.5
AS31	Alice Springs	29.30 164	P	P	10 59 07.0 +0.5
AS31	Alice Springs	29.30 164	P	P	10 59 08.3 +1.9
ASAR	Alice Springs	29.30 164	P	P	10 59 06.9 +0.4
ASAR	Alice Springs	29.30 164	P	P	11 02 10.0 +0.4
ASAR	Alice Springs	29.30 164	P	P	11 03 45.9 -2.8
ASAR	Alice Springs	29.30 164	P	P	11 05 37.4 0.0
ASAR	Alice Springs	29.30 164	P	P	10 59 07.1 +0.6
AS01	Alice Springs	29.31 164	P	P	10 59 06.9 +0.3
GIRL	Giralia	29.31 202	P	P	10 59 06.9 +0.4
GIRL	Giralia	29.31 202	P	P	10 59 07.2 +0.6
AS17	Alice Springs	29.32 164	P	P	10 59 07.2 +0.5
AS09	Alice Springs	29.34 164	P	P	10 59 07.3 +0.5
CM31	Chiang Mai Arr	29.42 300	P	Iamb	10 59 08.1 +0.4
CM31	Chiang Mai Arr	29.42 300	P	Iamb	10 59 10.7
CMAR	Chiang Mai Arr	29.42 300	P	P	10 59 08.8 +1.2
CMAR	Chiang Mai Arr	29.42 300	P	P	11 02 09.9 -0.1
CMAR	Chiang Mai Arr	29.42 300	P	P	11 05 37.1 -0.8
CMAR	Chiang Mai Arr	29.42 300	P	P	11 11 10.5
CMAR	Chiang Mai Arr	29.42 300	P	P	10 59 08.3 +0.6
CHTO	Chiang Mai	29.57 301	P	P	10 59 10.2 +1.2
CHTO	Chiang Mai	29.57 301	P	P	10 59 09.5 +0.5
CHTO	Chiang Mai	29.57 301	P	Iamb	10 59 11.7
CHTO	Chiang Mai	29.57 301	P	P	10 59 09.9 +0.9
WRKA	Warakuma	29.63 175	P	P	10 59 08.1 -1.3
KM12	Kunming	29.93 315	P	P	10 59 14.3 +2.0
KM12	Kunming	29.93 315	P	P	10 59 40.6 +0.9
JMN	Monobe	29.94 14	P	P	10 59 12.8 +0.7
JMN	Monobe	29.94 14	P	Iamb	10 59 13.3 +1.3
JMN	Monobe	29.94 14	P	Iamb	10 59 14.1
JMN	Monobe	29.94 14	P	P	11 11 59.8
PZH	Panzhihua	31.49 316	P	P	10 59 29.4 +3.5
MEEK	Meekearra	31.83 192	P	P	10 59 28.4 -0.3
MEEK	Meekearra	31.83 192	P	P	10 59 28.4 -0.3
CTA	Charters Towers	31.90 141	P	P	10 59 30.9 +1.5
CTA	Charters Towers	31.90 141	P	P	10 59 30.9 +1.5
CTA	Charters Towers	31.90 141	P	P	11 02 17.7 +1.2
CTA	Charters Towers	31.90 141	P	P	10 59 30.6 +1.2
CTA	Charters Towers	31.90 141	P	P	10 59 30.9 +1.5
CTA	Charters Towers	31.90 141	P	Iamb	10 59 31.9
CTA	Charters Towers	31.90 141	P	P	10 59 30.9 +1.5
CTA	Charters Towers	31.90 141	P	P	11 02 18.3 +1.8
INU	Inuyama	32.32 18	P	P	10 59 33.2 +0.3
INU	Inuyama	32.32 18	P	Iamb	10 59 33.0 +0.2
INU	Inuyama	32.32 18	P	Iamb	10 59 34.6
INU	Inuyama	32.32 18	P	P	10 59 33.1 +0.2
INU	Inuyama	32.32 18	P	P	11 05 05.4 +1.4
TIA	Tai'an	32.36 347	P	P	10 59 35.8 +2.6
TIA	Tai'an	32.36 347	P	P	10 59 36.3 +0.8
PATS	Pohnpei	32.63 85	P	P	10 59 36.0 +0.1
PATS	Pohnpei	32.63 85	P	P	10 59 35.6 -0.4
PATS	Pohnpei	32.63 85	P	Iamb	10 59 37.5
JGF	Kuroka	32.66 18	P	P	10 59 35.7 -0.2
JGF	Kuroka	32.66 18	P	P	10 59 35.8 -0.1
KSAR	Wonju Array Be	32.70 3	P	P	10 59 36.9 +0.7
KSRS	Korsong	32.72 3	P	P	10 59 36.8 +0.5
KSRS	Korsong	32.72 3	P	P	11 02 18.0 -0.3
KSRS	Korsong	32.72 3	P	P	11 05 49.0 +0.6
KSRS	Korsong	32.72 3	P	P	10 59 37.1 +0.4
XAN	Xi'an	32.79 334	P	P	10 59 40.5 +0.8
XAN	Xi'an	32.79 334	P	P	11 00 10.3 -0.8
XAN	Xi'an	32.79 334	P	P	10 59 40.5 +0.8
XAN	Xi'an	32.79 334	P	P	11 00 10.3 -0.8
XAN	Xi'an	32.79 334	P	P	10 59 45.0 -0.7
MAJO	Matsushiro	33.79 18	P	P	10 59 45.3 -0.3
MAJO	Matsushiro	33.79 18	P	P	10 59 45.0 -0.7
MAJO	Matsushiro	33.79 18	P	P	11 00 16.2 -0.8
MAJO	Matsushiro	33.79 18	P	P	11 02 22.2 +0.7
MAJO	Matsushiro	33.79 18	P	P	10 59 44.9 -0.8
MJAR	Matsushiro Arr	33.79 18	P	P	10 59 44.9 -0.8
MJAR	Matsushiro Arr	33.79 18	P	P	10 59 44.9 -0.8
MJAR	Matsushiro Arr	33.79 18	P	P	10 59 46.2 +0.5
MORW	Morawa	34.76 195	P	P	10 59 53.7 -0.4
MORW	Morawa	34.76 195	P	P	10 59 53.8 -0.3
FORT	Forrest	35.31 176	P	P	10 59 59.1 +0.4
FORT	Forrest	35.31 176	P	P	10 59 59.4 +0.6
INKA	Innamang	35.38 156	P	Iamb	10 59 08.0 +1.4
INKA	Innamang	35.38 156	P	Iamb	11 00 00.9
QLP	Quilpie	35.92 151	P	P	10 59 04.3 +0.2
QLP	Quilpie	35.92 151	P	P	11 00 03.9 -0.2

KMBL	Kambalda	35.99 185	P	P	11 00 04.7 +0.1
BLDU	Ballidu	36.08 193	P	P	11 00 04.9 -0.4
BLDU	Ballidu	36.08 193	P	P	11 00 04.9 -0.4
BJI2	Beijing	36.22 348	P	P	11 00 09.8 +3.4
BJI2	Beijing	36.22 348	P	P	11 00 38.4 -0.7
BJI2	Beijing	36.22 348	P	P	11 02 29.8 +1.3
BJI2	Beijing	36.22 348	P	P	11 00 09.7 +0.5
TATA	Tatamba Isabel	36.51 111	P	P	11 00 12.7 -0.6

15d 10h

Table with columns for station name, frequency, and signal strength. Includes stations like MOO Moorlands, TAU Tasmania Unive, WMQ WMO, etc.

2020 AUG

Table with columns for station name, frequency, and signal strength. Includes stations like POWZ Post Office Ro, KRHZ Kereru, MRZ Mangatoinaka R, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like H29M Whitestone, I29M Ogilvie Camp, BRTR Keskin Array B, etc.

comp=Z,0.4nm,0.9s,baz=248,slow=6.0,SNR=3.6
comp=Z,0.4nm,0.9s

JMA 15 12:14:27.1±0.2,26.1N,123.6E:0.9,h159km,MV2.3/10, NW OF ISHIGAKI JIMA, NE, Northeast of Taiwan

TAP 15 12:15:26.2,24.85N:121.93E,h9km±1km,ML1.3,3C-1D, A, Taiwan

UPA 15 12:16:09.9±0.5,8.99N:82.75W,h13km±18km,ML3.1, Presumed earthquake

IDC 15 12:21:51.0±0.2,0.927S:126.17E,h0km,mb3.5/1, mbtmp3.2/4,ML3.1/3,MS3.1/1, Error ellipse: s-maj=95.1km s-min=28.8km az=68.0, Timor region

IDC 15 12:23:59.8±5.4,7.40S:128.78E,h133km±51km,mb3.7/7, mbtmp3.9/10,MS2.8/1, Error ellipse: s-maj=73.0km s-min=22.0km az=68.0

KURBB Kurchatov Arra 72.15 329 P P 12 35 10.4 +0.2

BOOM Boomsoko usch 0.61 391eP P 12 29 41.9 +0.2

CHMS Chumysh 1.10 334jEP P 12 29 50.8 -0.2

MRKS Merke 1.78 295 eP P 12 30 03.4 +0.8

SATY Saty 2.44 64 P P 12 30 14.8 +0.8

BLB 15nm,0.3s Lg Lg 12 31 06.6

VAO 15 12:32:49.9±1.0,20.11S:69.33W,h105km±10km,mb4.4, Presumed earthquake

Code Station Name Δ° AZZ Phase ID Time Res

Code Station Name Δ° AZZ Phase ID Time Res

Code Station Name Δ° AZZ Phase ID Time Res

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Paz, NNA, CPUP, ROSC, SDV, PLCA, etc.

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

15d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND Hy 89.40 292 T, H11N2 WAKE ISLAND Hy 89.41 292 T, ZALV Zalesovo Beam 146.44 342 PKPbc, etc.

TRN 15 13:48:24.7, 14:60N, 60.42W, h5km, MD3.5, East of Martinique, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAM Ilet Lapin Mar 0.47 292 eP, BIM Bigot 0.64 263 eS, SVN Savane Anatole 0.76 289 eS, etc.

NNC 15 14:06:49.2, 6.0, 37.69N, 71.67E, h0km, mb3.6, mpv3.4, 3C-1D, Error ellipse: s-maj=48.1km s-min=36.7km az=163.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa 5.39 23 uP, KK31 Karatay Array 5.48 351 iP, AB31 Akbulak array 14.33 327 P, etc.

GUC 15 14:30:47.8, 0.8, 33.21S, 70.06W, h13km, 2km, ML3.3 SJA 15 14:30:48.2, 0.7, 33.22S, 70.11W, h8km, 1km, ML3.5, MW3.3

ISC 15 14:30:48.0, 0.8, 33.24S, 0.02x70.08W, 0.02, h15km, 6km, n61, r133/108, 8C-3D, Chile-Argentina border region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MT04 Ro Olivares 0.18 197 eP, MT08 Bocatomia Ro 0.21 167 eP, MT10 Hacienda Santa 0.39 264 iP, etc.

2020 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MT02 Curacav 0.89 268 eP, MT09 Talagante 0.93 234 iP, ARCO CERRO ARCO 1.04 68 eP, etc.

IDC 15 14:39:27.7, 2.6, 2.12S, 133.87E, h0km, mb3.3/2, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=92.2km s-min=29.0km az=80.0

DJA 15 14:39:29.9, 0.4, 2.3S, 133.4E, h17km, 3km, M3.4/5, MLV3.4/5

ISC 15 14:39:30.6, 1.3, 2.17S, 0.08x134.1E, 0.2, h25km, n7, r150/84, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MWPI Manokwari, Pap 1.24 359 P, FAKI Fak Fak 1.96 248 P, WRA Warramunga Arr 17.66 179 P, etc.

east of Juneau, Alaska, Usa Southeastern Alaska 890

ISC 15 14:40:47.1, 1.1, 58.34N, 0.03x133.48W, 0.02, h6km, 10km, n93, r133/106, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIS Juneau Island 0.48 263 JIS, R32K Eaglecrest 0.55 263 JIS, BESE Bessie Mountai 0.76 289 BESE, etc.

Table with columns: I30M, Hart River, 6.40 349, Pn, 14 42 23.7 +1.8, etc.

Table with columns: WRA, Warramunga Arr, 44.60 259, P, 14 50 39.2 -0.2, etc.

Table with columns: PB09, IPOC Station P, 1.54 356, eP, 15 07 30.0 -0.4, etc.

IDC 15 14:40:55.2+1.7, 11.82N:87.03W, h0km, mb3.8/4, mbmp3.8/6, ML3.6/2, Error ellipse: s-maj=58.0km

IDC 15 14:45:17.4+1.8, 18.00S:178.18W, h642km, 21km, mb2.9/9, mbmp3.9/10, Error ellipse: s-maj=24.3km s-min=20.9km

IDC 15 14:40:55.2+1.7, 11.82N:87.03W, h0km, mb3.8/4, mbmp3.8/6, ML3.6/2, Error ellipse: s-maj=58.0km

CATAC 15 14:40:56.0+0.6, 11.1N:3.87W, h13km, 4km, M3.8/24, MLV3.8/24, Error ellipse: s-maj=6.6km s-min=4.3km

IDC 15 14:40:56.0+0.6, 11.1N:3.87W, h13km, 4km, M3.8/24, MLV3.8/24, Error ellipse: s-maj=6.6km s-min=4.3km

IDC 15 14:40:56.0+0.6, 11.1N:3.87W, h13km, 4km, M3.8/24, MLV3.8/24, Error ellipse: s-maj=6.6km s-min=4.3km

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

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

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

IDC 15 15:05:21.7+0.8, 30.42N:95.04E, h0km, mb3.6/10, mbmp3.5/13, ML3.5/3, Error ellipse: s-maj=36.5km

IDC 15 15:05:21.7+0.8, 30.42N:95.04E, h0km, mb3.6/10, mbmp3.5/13, ML3.5/3, Error ellipse: s-maj=36.5km

IDC 15 15:05:21.7+0.8, 30.42N:95.04E, h0km, mb3.6/10, mbmp3.5/13, ML3.5/3, Error ellipse: s-maj=36.5km

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

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

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

IDC 15 14:42:54.6+1.3, 2.18S:133.59E, h0km, mb3.7/6, mbmp3.9/8, ML4.2, MS2.9/3, Error ellipse: s-maj=52.9km

IDC 15 14:42:54.6+1.3, 2.18S:133.59E, h0km, mb3.7/6, mbmp3.9/8, ML4.2, MS2.9/3, Error ellipse: s-maj=52.9km

IDC 15 14:42:54.6+1.3, 2.18S:133.59E, h0km, mb3.7/6, mbmp3.9/8, ML4.2, MS2.9/3, Error ellipse: s-maj=52.9km

DJA 15 14:42:56.1+0.5, 2.5S:133.4E, h14km, 4km, M4.2/10, mb4.7/2, mb4.5, MLV4.1/12, MLV4.2/10, Mw(MB)3.9/2

DJA 15 14:42:56.1+0.5, 2.5S:133.4E, h14km, 4km, M4.2/10, mb4.7/2, mb4.5, MLV4.1/12, MLV4.2/10, Mw(MB)3.9/2

DJA 15 14:42:56.1+0.5, 2.5S:133.4E, h14km, 4km, M4.2/10, mb4.7/2, mb4.5, MLV4.1/12, MLV4.2/10, Mw(MB)3.9/2

IDC 15 14:42:56.8+0.9, 2.19S:108.134E, 0.1, h25km, n14, s=182/13, mb3.8/6, Irian Jaya region

IDC 15 14:42:56.8+0.9, 2.19S:108.134E, 0.1, h25km, n14, s=182/13, mb3.8/6, Irian Jaya region

IDC 15 14:42:56.8+0.9, 2.19S:108.134E, 0.1, h25km, n14, s=182/13, mb3.8/6, Irian Jaya region

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

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

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

IDC 15 15:07:01.4+0.8, 2.33S:69.06W, h96km, 5km, ML3.4, MW3.5

IDC 15 15:07:01.4+0.8, 2.33S:69.06W, h96km, 5km, ML3.4, MW3.5

IDC 15 15:07:01.4+0.8, 2.33S:69.06W, h96km, 5km, ML3.4, MW3.5

IDC 15 15:07:02.0+0.8, 2.33S:69.06W, h96km, 4km, ML3.6, MS2.9/3, Error ellipse: s-maj=28.8km s-min=24.8km

IDC 15 15:07:02.0+0.8, 2.33S:69.06W, h96km, 4km, ML3.6, MS2.9/3, Error ellipse: s-maj=28.8km s-min=24.8km

IDC 15 15:07:02.0+0.8, 2.33S:69.06W, h96km, 4km, ML3.6, MS2.9/3, Error ellipse: s-maj=28.8km s-min=24.8km

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

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

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

IDC 15 14:43:18.9+2.9, 17.52S:178.62W, h586km, 20km, mb3.2/7, mbmp4.1/8, Error ellipse: s-maj=83.6km s-min=20.9km

IDC 15 14:43:18.9+2.9, 17.52S:178.62W, h586km, 20km, mb3.2/7, mbmp4.1/8, Error ellipse: s-maj=83.6km s-min=20.9km

IDC 15 14:43:18.9+2.9, 17.52S:178.62W, h586km, 20km, mb3.2/7, mbmp4.1/8, Error ellipse: s-maj=83.6km s-min=20.9km

IDC 15 14:43:18.8+2.8, 17.65S:178.5W, 0.5, h600km, n10, s=082/10, mb3.7/7, Fiji Islands region

IDC 15 14:43:18.8+2.8, 17.65S:178.5W, 0.5, h600km, n10, s=082/10, mb3.7/7, Fiji Islands region

IDC 15 14:43:18.8+2.8, 17.65S:178.5W, 0.5, h600km, n10, s=082/10, mb3.7/7, Fiji Islands region

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

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

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

IDC 15 15:07:01.4+0.8, 2.33S:69.06W, h96km, 5km, ML3.4, MW3.5

IDC 15 15:07:01.4+0.8, 2.33S:69.06W, h96km, 5km, ML3.4, MW3.5

IDC 15 15:07:01.4+0.8, 2.33S:69.06W, h96km, 5km, ML3.4, MW3.5

NEIC 15 19:42:50.4±1.0, 201.21S; 09.161°22E; 0.10, h86km, 7km, mb4.2/25, Error ellipse: s-maj=16.8km s-min=10.3km az=47.0

ISC 15 19:42:47.3±0.5, 10.29S; 005.161°29E; 0.05, h61km, n65, az=210/71, mb4.1/18, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 15 19:43:10.5±1.0, 201.59N; 121.90E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=314.8km s-min=29.3km az=61.0

JMA 15 19:43:25.9±0.5, 211.2±12.2E, h0km, MV3.4/10, TAIWAN REGION

MAN 15 19:43:37.0±1.0, 18.9N; 122.73E, h48km, MS3.1, ISC 15 19:43:09.9±1.0, 20.70N; 0.1±12.2E; 0.2, h10km, n8, az=216/10, mb3.6/3, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

1.2mm, 0.8s, baz=344, slow=8.9, SNR=7.7 1.2mm, 0.8s ASAR Alice Springs 45.57 165 P P 19 51 32.4 +2.1

0.2mm, 0.3s, baz=342, slow=7.1, SNR=9.4 0.2mm, 0.3s

SGS 15 19:46:53.0, 30°23N; 34°90E, h18km, M12.4 JSO 15 19:46:53.6±0.0, 30°N; 2°3'55E, h19km, 2km, M2, 7/8, MLV2.7/8 GII 15 19:46:53.1±0.0, 30°20N; 0°02:35.117E; 0.006, h0km, MWS2.6, confirmed ISC 15 19:46:52.9±1.0, 30°17N; 0°02:35.17E; 0.04, h14km, 8km, n29, az=69/45, 3C-4D, Dead Sea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 15 20:15:55.4±1.2, 23°84S; 69°48E, h0km, mb3.8/8, mbmp3.8/8, Error ellipse: s-maj=49.6km s-min=23.5km az=81.0

ISC 15 20:15:57.2±1.3, 23.9S; 0°2:69'5E; 0.4, h10km, n17, az=62/28, mb4.0/8, Mid-Indian Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 15 20:26:55.3±1.4, 9°96S; 118°70E, h0km, mb3.6/4, mbmp3.5/7, ML3.3/3, MS2.6/1, Error ellipse: s-maj=62.7km s-min=23.8km az=57.0

DJA 15 20:26:59.0±0.9, 10°S; 11°1'19E, h10km, M3.8/8, MLV3.8/8

ISC 15 20:27:00.8±0.9, 9.8S; 0°1'19.09E; 0.06, h33km, n19, az=192/16, mb3.8/4, Sumba region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

baz=96, slow=75, SNR=15 SONM Songino Array 58.51 350 P P 20 36 54.8 +0.8

0.4mm, 0.4s, baz=168, slow=6.0, SNR=3.5 0.4mm, 0.4s MKAR Makanchi Array 65.24 333 P P 20 37 39.0 -0.2

0.4mm, 0.5s, baz=153, slow=6.8, SNR=5.6 0.4mm, 0.5s KURBB Kurchatov Arra 69.75 334 P P 20 38 05.1 -2.4

0.2mm, 0.5s, baz=140, slow=6.0, SNR=1.4 0.2mm, 0.5s ZALV Zalesovo Beam 69.85 339 P P 20 38 07.7 -0.3

0.6mm, 0.5s, baz=146, slow=6.5, SNR=2.8 0.6mm, 0.5s TORO Torok Ar. Bea 118.69 280 PKP PKPdf 20 45 45.2 -1.4

0.4mm, 0.7s, baz=117, slow=3.8, SNR=1.8

PGC 15 20:35:53.4±0.0, 58°33N; 133°48W, h1km, ML3.1/15, ML2.9(NEIC), 53km east of Juneau, Alaska, USA Southeastern Alaska

NEIC 15 20:35:53.0±1.0, 58°34N; 0°02:13.349W; 0.02, h4km, 9km, ML2.9/54, ML2.7(AEIC), Error ellipse: s-maj=3.3km s-min=1.0km az=166.0

AEIC 15 20:35:53.1±1.3, 58°32N; 0°02:13.347W; 0.03, h1km, 6km, Error ellipse: s-maj=3.2km s-min=2.4km az=156.0

ISC 15 20:35:52.0±1.2, 58°31N; 0°02:13.342W; 0.02, h2km, 12km, n62, az=104/78, Southeastern Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: H2M9, Whitestone, 8.26 346 Pn, Pn, 20 37 53.2 +0.5. Includes station names like WRA, ASAR, MKAR and various parameters.

ADC 15 20:48:16.9:2.4, 7.06S:128.97E, h0km, mb3.3/1, mbtmp3.3/3, ML3.4/2, Error ellipse: s-maj=164.5km s-min=33.4km az=67.0, Banda Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like LBKA, TAVE, DGT, MSVF, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like MSVF, FUTA, AFI, NIEU, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PPTF, JCFZ, ODZ, EIDS, etc.

Table with columns: ASAR, Alice Springs, 44.96 255 P, P, 21 05 21.4 -1.8. Includes station names like ASAR, MNTN, FORT, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like MEEK, MMRI, SBU, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like GSPA, JKA, SGLB, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PETK, NJ2, MDJ, etc.

Table with columns: GAZ, Gaziantep, 143.83 309 PKPdf, PKPab, 21 16 27.5 -2.8. Includes station names like BNN, VASR, GRR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like KRLC, MORC, MORV, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like KHC, KRC, GZR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like BFO, SESA, WATA, etc.

15d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIWB, LVA, AKUT, SP1A, SDPT, CNBA, KDKA, H18K, J20K, IMAR, MLY, E19K, G21K, WRH, C18K, D19K, ILAR, ILAR, H24K, J25K, G24K, D22K, B20K, D23K, P29M, SEY, MA2, YKA, TIXI, YAK, KLR, RES, PDAR, TXAR, TXAR, KURK, KURB, MKAR, MKAR, BVAR, FINES, NOA, HFS, AB31, KAPI, ASAR.

TAP 15:21:09.03, 1, 21:30N, 121:86E, h174km, ML4.0, D
MAN 15:21:09.04, 0.2052m, 123:29E, h61km, MS3.1
ISC 15:21:09.02, 6, 1.5, 21:23N, 0:04, 121:88E, 0:07, h170km, 9km, n94, c132/175, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LYUB, LAY, TSEB, TWBT, SMST, HEN, SLIU, TAW, LDUT, EAST, ECL, SCZT, TTN, SSPT, TWGT, TWG, WLCH, WLCB, TWP, MASB, MASB, LONT, EDH, TSMG, SSD, CHKT, CHKT, ECS.

2020 AUG

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like C1CP, C1CH, EHD, FULB, WSSB, TWMT, SCST, SLGT, ELDTW, ELDTW, EYUL, TWFI, STWH, STYH, STYV, SGST, YULB, HGSD, EHYH, EHYH, CHNT, WTP, TPUB, TPUB, TWK, TWK, SSHA, ALS, ALS, SCLT, SCLT, WCKO, WARB, WARB, SHUL, ICHU, ICHU, WVDT, WVDT, ESH, ESL, CHNB, CHNB, CHY, CHY, WHYT, WHYT, SSSL, SSSL, WDLH, WDLH, WSL, WSL, OWD, OWD, SMLT, SMLT, PACPP, PACPP, WTK, WTK, LXIB, LXIB, TYC, TYC, WUSB, WUSB, WNT, WNT, WDTG, WDTG, NACB, NACB, WCS, WCS, WHF, WHF, ETHL, ETHL, VCHM, VCHM, FUSS, FUSS, TWI, TWI, WCHH, WCHH, TCU, TCU, PHUB, PHUB, PHUB, PHUB, WHP, WHP, PNH, PNH, NNSB, NNSB, TWT, TWT, LNB, LNB, NFF, NFF, NSK, NSK, NST, NST, FUSB, FUSB, NWLT, NWLT, SIPP, SIPP, WVUC, WVUC, WYUC, WYUC.

IDC 15:21:18:20.9, 2, 1.51:85N, 171:26W, h0km, mb3.6/5, s-min=23.6km, az=15.0, Error ellipse: s-maj=73.0km

AEIC 15:21:18:23.4, 3, 1.51:1N, 0:1, 171:08W, 0:09, h12km, 6km, Error ellipse: s-maj=21.3km, s-min=8.3km, az=174.0

NEIC 15:21:18:25.4, 1, 2.51:7N, 0:1, 171:23W, 0:07, h33km, 5km, mb3.7/23, ML3.2/ML2.9(AEIC), Error ellipse: s-maj=18.4km, s-min=6.0km, az=176.0

ISC 15:21:18:24.5, 1, 0.51:6N, 0:1, 171:18W, 0:04, h30km, n59, c112/65, mb3.7/11, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOPF, KOPF, ATKA, ATKA, KONE, KONE, KOKL, KOKL, OKWR, OKWR, OKFO, OKFO, OKTG, OKTG, OKFG, OKFG, GSMY, GSMY, MAPS, MAPS.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAPS, MGOD, ADK, ADK, ADK, MNAT, UNV, UNV, UNV, KIWB, LVA, AKBBA, SDPT, CNBA, KDKA, CNKM, J18K, SLKM, H18K, H18K, CAST, CAST, HIN, MLY, H22K, H22K, H23K, D19K, ILAR, ILAR, H24K, D20K, D20K, PEAB, PETK, O29M, O29M, G26K, G26K, I27K, I27K, C23K, C23K, N30M, N30M, I28M, I28M, D25K, D25K, H29M, H29M, EPYK, EPYK, E29M, E29M, PD31, PD31, PDAR, PDAR, PDAR, TX31, TX31, TXAR, TXAR, KURB, KURB, MKAR, MKAR, BVAR, BVAR.

IDC 15:21:27:50.3, 3, 2.50S, 140:45E, h0km, mb3.4/3, mb3.5/4, ML3.4/1, MS2.8/1, Error ellipse: s-maj=109.9km, s-min=29.7km, az=93.0, Near north coast of Irian Jaya

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3, H11S2, H11S1.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11N1, H11N2, H11N3.

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

NEIC 15:21:28:00.5, 1, 0.58:31N, 0:03, 133:47W, 0:03, h3km, 7km, ML3.0/60, ML2.9(AEIC), Error ellipse: s-maj=3.9km, s-min=1.7km, az=163.0

PGC 15:21:28:00.9, 0.0, 58:35N, 133:53W, h1km, ML3.2/12, ML2.9(AEIC), 51km east of Juneau, Alaska, USA Southeastern Alaska

AEIC 15:21:28:01.0, 1, 3.58:36N, 0:02, 133:50W, 0:04, h0km, 6km, Error ellipse: s-maj=3.5km, s-min=2.6km, az=154.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIS, R32K, BESE, BESE, BESE, Q32M, Q32M, Q32M, S32K, S32K.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like R31K City Hall, Gus, S34M Telegraph Cree, S31K Pelican, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like FAKI Fak Fak, SWI Sorong, SWI Darwin Rock St, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like KSH2 2um,0.5s, DRK Karamyk, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like SWI Darwin Rock St, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like KSH2 2um,0.5s, DRK Karamyk, etc.

15d 21h

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WUS, CHM, KK31, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SMLA, MAKZ, MK31, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRDH, MORE, KBZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HFS Hagfors, ARSA Arzberg, BRG Berggiesshubel, ZVC Zvikov, etc.

IDC 15 22:01:55.5, 1.9, 17.55Sx178.91W, h565km, mb3.4/5, mbmp4.2/6, Error ellipse: s-maj=27.5km s-min=26.5km bz=79.0

ISC 15 22:01:53.0-0.9, 17.45S-02.178.6W-0.2, h550km, n9, o143/9, mb4.0/5, Fijil Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, AFI Afiamalu, URZ Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRNET 15 22:03:45.2-0.1, 39.69N, 73.89E, h13km, mb2.2, 16C-4D, Tajikistan-Xinjiang border region

IDC 15 22:07:06.7-1.2, 34.36N, 25.60E, h0km, mb3.4/6, mbmp3.4/9, ML3.1/3, Error ellipse: s-maj=28.6km s-min=19.3km az=167.0

ISC 15 22:07:08.9, 34.44N, 25.87E, h5km, ML2.8/6, ATH 15 22:07:09.8, 34.44N, 25.83E, h7km, 2km, ML2.9/6, Latitude uncertainty: 46 km

THE 15 22:07:13.5, 35.14N, 2.6E, h4km, 4km, M2.8/7, ML2.8/7, ISC 15 22:07:09.0-1.7, 34.41N, 25.83E, 0.04, h6km, 11km, n31, o156/39, mb3.4/5, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZKR Zakros, NPS Neapolis, SIVA Sivas, etc.

MMAL BRTR Keskin Array B 8.19 47 AML P 22 09 11.4 +3.0

EIL Eilat 9.06 119 Pn P 22 09 18.5 -1.9

EIL KBZ Khazab 16.17 50 AML P 22 11 02.8 +2.8

ESDC Sonseca Array 24.30 291 P 22 12 23.1 -4.2

TORD Torodi Ar. Bea 30.45 232 P 22 13 20.8 -1.7

BVAR Borovoye Array 36.47 45 P 22 14 14.8 +0.1

KURBB Kurchatov Ar 41.17 50 P 22 14 53.3 -0.7

MKAR Makanchi Array 43.73 56 P 22 15 16.2 +1.2

ZALV Zalesovo Beam 45.13 46 P 22 15 24.7 -1.3

IDC 15 22:29:18.5-0.5, 22.68S, 112.28W, h0km, mb4.5/14, mbmp4.5/14, MS4.4/3, Error ellipse: s-maj=22.6km s-min=16.3km az=97.0

NEIC 15 22:29:20.7-1.2, 22.72S, 0.1:112.3W, 0.1, h10km, 1km, mb5.1/105, Error ellipse: s-maj=20.9km s-min=17.8km az=281.0

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, H03N2 Juan Fernandez, H03N1 Juan Fernandez, etc.

ORCD Orcaque 50.48 148 P 22 29 22.6 -0.1

15d 22h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MVCO Mesa Verde, CRPR Cabo Rojo, SZCU Shurtz Canyon, etc.

2020 AUG

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ILAR Eielson Array, GZ7K Doyon Strip, INK Inuvik, etc.

904

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VA03 El Transito, AC05 El Transito, CO01 Juntas de Tor, etc.

Technical notes and coordinates:
IDC 15 22:30:22.2 0.7, 22:71S:112:33W, h0km, mb4, 4/10,
mbmp4, 4/10, MS4-21, Error ellipse: s-maj=28.2km
s-min=24.0km az=91.0
NEIC 15 22:30:24.3 1.2, 22:76S:09:112:4W, 0.1, h10km, 1km,
mb4, 8/55, Error ellipse: s-maj=23.2km s-min=9.4km
az=306.0
ISC 15 22:30:23.5 0.5, 22:85S:01:112:3W, 0.1, h10km, n114,
o584/106, mb4, 8/35, 1D, Easter Island region

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Black Hills, Vanda, McKenzie Canyon, Blue Mountains, South Pole Qui, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes HILR Hailar Array B, KRNET 16 00:01:37.3-0.1, etc.

Main table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including Taragay, Kyrgy, Naryn, Kajisay, Ulahol, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes DJR 2.5nm,0.6s, DJR 2.3nm,0.5s, etc.

Main table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Lists stations like Don Marcelino, Cateel, Davao, Bislig, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like SLE, GRA1, GRA2, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like ZAAO, ZALV, ZALZ, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like BBOO, BBOU, BBOV, etc.

16d 1h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like OHAK Old Harbor, KAWH Katmai, and SHEM Shemya Is, Ala.

2020 AUG

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MA2 Magadan, H1N22 WAKE ISLAND Hy, and ILAR Eielson Array.

910

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SONM Songino Array, IDC 16:01:44:29.3, and various other stations.

Table with columns: DBAD, S, Sn, 02 51 46.9 +0.6, IAML, 02 51 47.0, comp=E, 19nm, 0.6s, IAML, 02 51 48.0, GANJ, 1.86 113, Ph, Pb, 02 51 25.6 +0.1, etc.

IDC 16 02:53:05.3, 3.9, 20, 16N, 122, 17E, h17km, 24km, mb4.4/31, mbmp4.6/34, ML4.9/3, MS4.2/5, Error ellipse: s-maj=13.7km, s-min=11.5km, az=91.0

GFZ 16 02:53:06.0, 20, 32N, 122, 27E, h22km, Mw5.0/37, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mm=0.24; Mss=3.73; Mss=3.50; Mss=1.26; Mss=1.62; Mss=0.63; Fault plane solution: M4.20547x10^16 NP1; q=147.88678; s82.84103; A15.74987; NP2: q=55.87383; s74.37606; A172.56483; Principal axes: T 4.4709, Plg16.1744; Azm12.7651; N -0.5939, Plg72.7370; Azm171.7266; P -3.8770, Plg5.8727; Azm281.0555;

NEIC 16 02:53:05.8, 20, 32N, 122, 23E, h13km, GFZ 16 02:53:06.0, 20, 32N, 122, 23E, h20km, M5.0/115, mb5.1/115

NIED 16 02:53:06.1, 20, 30N, 122, 17E, h85km, Mw5.1, Moment Tensor Solution, s Moment tensor: Scale 10^16Nm; Mm=0.66; Mss=3.41; Mss=2.73; Mss=1.16; Mss=0.97; Fault plane solution: M4.24000x10^16 NP1; q=146.00000; s49.00000; A-5.00000; NP2: q=239.00000; s87.00000; A-139.00000;

GCMT 16 02:53:06.8, 20, 22N, 101, 122, 10E, 0, 1, h20km, Mw5.0/129, Moment Tensor Solution, s56.676; s129, c210; Duration: 0 Moment tensor: Scale 10^16Nm; Mm=0.15; Mss=1.2; Mss=3.86; Mss=1.11; Mss=0.90; Mss=1.9; Mss=2.51; Mss=0.8; Mss=0.89; Mss=2.1; Best double couple: M4.72000x10^16 NP1; q=151.00000; s75.00000; A-5.00000; NP2: q=242.00000; s86.00000; A-165.00000; Principal axes: T 4.6930, Plg2.0000; A-165.0000; N 0.0480, Plg74.0000; Azm259.0000; P -4.7480, Plg14.0000; Azm108.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 16 02:53:06.2, 20, 35N, 107, 22, 20E, h14km, 3km, mb5.1/198, Mw5.0/23 Error ellipse: s-maj=0.108km, s-min=9.9km, az=82.0

JMA 16 02:53:06.1, 0, 4, 20, 2N, 12, 2E, h85km, MD4.9/34, MV4.9/34, PHILIPPINE ISLAND REGION

BUI 16 02:53:09.4, 20, 59N, 121, 97E, h23km, mb4.8/33, mb4.6/70, ML4.9/4, Mss4.7/76, Mss4.5/74

MAN 16 02:53:11.0, 19, 29N, 122, 11E, h3km, MS5.0, MAN INTENSITY VI - BASCO AND UYUGAN BATANES; INTENSITY V - SABTAGAN BATANES; INTENSITY IV - IVAN AND MAHATAO BATANES; INTENSITY III - ITBAYAT BATANES.

NEIC 16 02:53:12.6, 20, 42N, 122, 12E, h14km, Moment Tensor Solution, Duration: 166 Moment tensor: Scale 10^16Nm; Mm=0.22; Mss=2.92; Mss=2.70; Mss=0.93; Mss=2.11; Mss=1.12; Fault plane solution: M3.81000x10^16 NP1; q=151.75000; s69.70000; A-8.91000; NP2: q=244.87000; s81.64000; A-159.47000; Principal axes: T 3.6991, Plg8.0000; Azm17.0000; Azm10.0000; Azm269.0000;

ISC 16 02:53:06.0, 3, 20, 31N, 103, 122, 30E, 0, 0, 3, h20km, 3km, h20km; p-P, n550, s171/565, mb5.0/283, MS4.2/65, 21C-30D, Philippine Islands region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC, CACP, Calayan Island, 1.30 217, Op, 02 53 26.1 -3.4, etc.

Table with columns: JMJ, Miyako jima 2, 5.26 31, S, Sn, 02 55 22.8 -1.3, JOGS, Gusukube, 5.27 32, P, Pn, 02 54 24.4 +0.3, etc.

Table with columns: LYN, comp=Z, 331nm, 1.2s, LuoYang, 16.64 331, P, Pn, 02 56 59.3 +0.8, etc.

Table with columns: KBZ, comp-Z, 11nm, 0.9s, baz=112, slow=2.9, SNR=17, LR, LR, 03 38 20.1. Includes stations like KIV Kislovodsk, L19K White Mountain, HAKT HAKKARI, etc.

Table with columns: AKASG, Main Array Be, 76.45 319, P, P, 03 04 53.9 -0.8. Includes stations like AKASG Main Array Be, AKASG Main Array Si, AKKB Main Array Si, etc.

Table with columns: MDVR Moldovita, 83.14 315, P, P, 03 05 31.8 +0.5. Includes stations like MDVR Moldovita, ABPO Ambohimpanom, ABPO, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like AK11, AK06, AK15, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like PX02, PSGCX, PSB12, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like AC01, AC02, GO03, etc.

MOS 16:03:18.46.6.1.1, 19.08S:70.10W, h49km, m5.3/22, Error ellipse: s-maj=12.9km s-min=7.6km az=108.0

RSNC 16:03:18.48.3.2.0, 19.5S:70.0W, h77km, m5.0/M5.0, m5.3/m5.2, ML4.2, Mw(mB)4.7

GFZ 16:03:18.49.7.19.23S:70.18W, h70km, Mw5.0/42, Moment Tensor Solution. Moment tensor: Scale 10^16Nm

16d 3h

Table with columns: PLCA, Paso Flores, 21.43 181 P, P, 03 23 33.2 +1.4, etc. Lists various locations and their associated data points.

2020 AUG

Table with columns: AOPR, Arcicobo Observ, 37.50 5 P, P, 03 25 55.5 -1.1, etc. Lists various locations and their associated data points.

918

Table with columns: U38A, Gravette, 59.89 338 Iamb, Iamb, 03 28 48.3, etc. Lists various locations and their associated data points.

16d 3h

Table of station data for 16d 3h, including call signs, frequencies, and coordinates. Stations listed include PBRG Braganca, ESDC Sonseca Array, GRTLX Ghazni, etc.

2020 AUG

Table of station data for 2020 AUG, including call signs, frequencies, and coordinates. Stations listed include BRTR Obninsk, KIV Kislovodsk, KBZ Khabaz, etc.

920

Table of station data for 920, including call signs, frequencies, and coordinates. Stations listed include HILR Hailar Array B, HILR Hailar, FAKI Fak Fak, etc.

16d 03:25:1.3z:2.0, 22:92S: 179:80W, h610km, 219km, mb3.2/5, mbtmp4.2/5, Error ellipse: s-maj=151.9km, s-min=51.1km az=55.0

16d 03:25:05.3z:2.22:8S:0.4x:179.5W:0.3, h526km, n6, 0.8767, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

SJA 16 03:43:05.0z:9.27:67S:62:87W, h609km, 10km, ML4.2, MW4.0

16d 03:43:14.0z:0.5, 27:43S:63:33W, h581km, 5km, mb3.6/16, mbtmp4.5/23, Error ellipse: s-maj=15.6km s-min=13.2km az=87.0

GFZ 16 03:43:14.1z:0.27:5z:3x:6:3W, h585km, 6km, M4.6/30, MW4.7/30

16d 03:43:12.7z:0.3, 27:45S:0.04:63:26W:0.05, h562km, n252, 18181/272, mb4.2/45, SD, South of the Estero Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AHML Horco Molle, FSA Catayete, SLA San Lorenzo, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Valle Fertil, Maricunga, Villa Florida, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Chapada do Su, Fartura, Santo Antonio, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Pinedale Array, Scheferville, Matop, etc.

TAP 16 03:43:39.8, 24:10N:122:10E, h34km, ML2.6, C
JMA 16 03:43:39.4, 0.1, 24:1N:0:8:122:1E:0.5, h38km, 2km,
MV2.3/1, TAIWAN REGION
ISC 16 03:43:39.6, 1.1, 24.09N:02:122:11E:0:02, h33km, 3km,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Time, Res, and other technical details. Includes stations like Heping Village, Aohua, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC. Includes stations like SHILIN, DATONG, DATONG TOWNSHI, NEICHENG, FENGLIN TOWNSH, HEHUAN SHAN, FUSHOU, FUSHANZHUYUYA, YONAGUNIJIMAKU, RENAI, SHUANGXI, WANRONG, YU-LI, WU-FEN SHAN, WUFENG TOWNSHI, TAICHUNG CITY, SEIANG ELEMEN, SHUANGLI, SUN MOON LAKE, EMEI, FULI, YUCHR, YMO1, XINYI TOWNSHIP, LIYUANT, TAOYUAN, GUOLIERLIN HIG, KURO-SHIMA, ISHIGAKI JIMA, ISHIGAKIJIMAH, JISG.

BEO 16 03:52:16.9-0.7, 45:87N; 27:91E, h110km; 4km, ML3.1/10
BUC 16 03:52:27.4-0.2, 45:68N; 26:59E, h136km; 1km, m13.5/56,
Error ellipse: s-maj=1.5km s-min=1.2km az=27.0
SOF 16 03:52:28.2, 45:59N; 0:10; 26:49E; 0:01, h130km; 2km,
MD3.4/4
ISC 16 03:52:25.1-1.4, 45:69N; 0:03; 26:57E; 0:03, h154km; 7km,
n89, c1500/140, 44C-58D, Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC. Includes stations like SAHRA, PLOSTINA, VRI, BURAR, ZIMR, MANR, CRAR, SZH, NEF, MARR, SRE, TURR, ONER, OZUR, GHRH, BOSR, TUDR, TESR, DOPR, SCHL, VARL, NEGR, BIR, SCTR, SULR, TATR, VLDR.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC. Includes stations like VLDR, VOIR, MTUR, GIUM, AMRR, CFCR, LEHL, GYROV, INCRC, INCERC-SEDIU C, BUCI, SGRH, CIOCANESTI, TPGR, TLBR, MMB, HUMR, TLCR, PRAR, CERNAVODA, GOVORA, ION CORVIN, COPA, MFRTR, RAZG, BURAR, ZIMR, PRESLENTSI, CRAR, SZH, NEF, MARR, SRE, ROIA, GZR, GZR, GZR, PLV, DRGR, VALD, MPEP, JMB, BLKB, BZS, MDVR, MDVR, ZAGS, ZAGS, VRSR, VRSR, VRSR, BOSS, GRU, GOCS, TRUS, SELV, DIVS.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC. Includes stations like LSSA, LSNW, LSPA, AMKA, SHEM, SHEM, SHEM, CESW, CERB, CEPE, GAKI, GANE, TACS, TANO, TASE, TAFP, KIMD, KIKV, KIWB, ADK, ADK, ETKA, ATKA, H19K, PETK, MA2, L16K, SEY, G16K, Q19K, H19K, J18K, KDAK, KDAK, KDAK, G18K, K20K, J20K, F19K, E19K, L22K, IMAR, F21K, SML, NEA2, WRH, CCB, H24K, ILAR, PAX, E23K, GLB, F25K, L27K, G26K, F26K, I28M, L29M, MIMPY, H11N2, H11N3, H11N1, H11S1, H11S2, YKAW, YKA, YKAWI, RES, KGA, KOSA, SONM, HHC, PNTR, WAKR, WAKR, BCYI, BCYI.

IDC 16 03:55:31.8-1.5, 51:54N; 176:52E, h0km, mb4.1/19,
mbtmp4.1/22, ML3.9/2, MS2.8/2, Error ellipse:
s-maj=39.9km s-min=14.0km az=6.0
AEIC 16 03:55:33.2, 1.7, 51:49N; 0:10; 176:31E; 0:06, h2km; 5km,
Error ellipse: s-maj=14.0km s-min=4.9km az=19.1
NEIC 16 03:55:38.2, 1.7, 51:59N; 176:37E; 0:07, h37km; 8km,
mb4.1/61, ML3.8/10, ML3.4(AEIC), Error ellipse:

s-maj=17.2km s-min=5.8km az=190.0
ISC 16 03:55:36.8-0.8, 51:5N; 0:1; 176:36E; 0:04, h31km, m131,
c0591/119, mb4.2/56, Rat Islands

Table of seismic events with columns for station name, time, magnitude, and location. Includes events like 'Mina Array Bea', 'Topopah Spring', 'Dugway', 'Spitsbergen Ar', etc.

NEIC 16 04:02:09.4±1.5, 19.5N;0.1±1.45E;0.2, h119km, 9km, mb4.3/18, Error ellipse: s-maj=27.4km s-min=15.4km az=93.0

IDC 16 04:02:13.0±2.9, 19.34N;145.37E, h162km, 30km, mb3.5/5, mbtmp3.9/7, Error ellipse: s-maj=43.3km s-min=19.9km az=100.0

ISC 16 04:02:11.6±0.6, 19.37N;0.07±145.2E;0.2, h150km, n30, ±108/31, mb4.1/15, Mariana Islands

Table of seismic events with columns for code, station name, time, magnitude, and location. Includes events like 'Saipan', 'Guam', 'Mantion Dam', etc.

Table of seismic events with columns for code, station name, time, magnitude, and location. Includes events like 'Ayikyak River', 'Sheep Creek Mo', 'Beaver Creek A', etc.

IDC 16 04:05:52.2±1.1, 23.58N;94.28E, h0km, mb3.7/8, mbtmp3.7/8, Error ellipse: s-maj=87.8km s-min=21.9km az=55.0

ISC 16 04:06:04.3±1.1, 23.8N;0.3±94.6E;0.4, h96km, n8, ±067/8, mb3.6/7, Myanmar-India border region

Table of seismic events with columns for code, station name, time, magnitude, and location. Includes events like 'Makanchi Array', 'Warramunga Arr', 'FINES FINES Array B', etc.

UCR 16 04:19:02.8±0.8, 11.14N;86.45W, h0km, 7km, MW3.6, Presumed earthquake

CATAC 16 04:19:02.1±0.6, 11.13N;87.7W, h27km, 6km, M3.1/22, ML3.1/22, Error ellipse: s-maj=7.6km s-min=3.9km az=39.0, confirmed

ISC 16 04:19:01.1±1.6, 11.15N;0.04±86.61W;0.06, h16km±10km, n47, ±056/53, Near coast of Nicaragua

Table of seismic events with columns for code, station name, time, magnitude, and location. Includes events like 'Granada', 'SABN Sabanita', 'CARN Rivas', etc.

IDC 16 04:29:14.4±1.5, 17.8N;171.23W, h0km, mb3.8/12, mbtmp3.8/15, ML3.3/3, Error ellipse: s-maj=17.0km s-min=14.9km az=6.0

AEIC 16 04:29:16.2±1.3, 51.4N;0.1±171.07W;0.07, h28km, 6km, Error ellipse: s-maj=17.7km s-min=6.2km az=171.0

NEIC 16 04:29:16.2±1.3, 51.66N;0.06±172.20W;0.04, h10km, 1km, mb3.9/22, ML3.4/12, ML3.2(AEIC), Error ellipse: s-maj=11.4km s-min=3.2km az=199.0

ISC 16 04:29:14.9±4.5, 51.6N;0.1±171.20W;0.03, h8km±28km, n75, ±15/86, mb4.0/18, Fox Islands

Table of seismic events with columns for code, station name, time, magnitude, and location. Includes events like 'Korovin Southe', 'Korovin Flat P', 'ATKA Atka Island', etc.

Table of seismic events with columns for code, station name, time, magnitude, and location. Includes events like 'Okmok New Cone', 'Magazine Ridge', 'Great Sitkin M', etc.

IDC 16 04:34:28.5±2.1, 17.65S;178.78W, h612km, 20km, mb3.1/6, mbtmp4.0/7, Error ellipse: s-maj=83.8km s-min=18.6km az=151.0, Fiji Islands region

Table of seismic events with columns for code, station name, time, magnitude, and location. Includes events like 'Nonsavu', 'Stevens Creek', 'Warramunga Arr', etc.

16d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BBOO Buckleboo, JKA Kamikawa-asahi, AUJCS Jamestown Cent, etc.

2020 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TLY Talaya, WOLH Wollongong Har, NGGI Mangalore, etc.

930

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PRZ Przhval'sk, TARG Taragay, MAKZ Makanchi, etc.

GAR	Garm	57.75 312	P	P	07 31 26.3 +0.4
BTK	Batken	57.75 314	P	P	07 31 26.5 +0.6
BTK	Batken	57.75 314	I	Amb	07 31 26.5 +0.6
BTK	Batken	57.75 314	P	P	07 31 27.9
KURBB	Kurchatov Arra	57.76 328	P	P	07 31 26.1 +0.5
KURBB	Kurchatov Arra	57.76 328	P	P	07 35 12.0 -2.1
KURBB	Kurchatov Arra	57.76 328	P	P	07 38 40.4 0.0
KURBB	Kurchatov Arra	57.76 328	P	P	07 31 25.4 -0.2
KURK	Kurchatov	57.76 328	P	P	07 31 26.4 +0.8
KURK	Kurchatov	57.76 328	P	P	07 31 26.0 +0.4
KURK	Kurchatov	57.76 328	P	P	07 31 26.1 +0.4
KURK	Kurchatov	57.76 328	P	P	07 31 26.4 +0.8
KURK	Kurchatov	57.76 328	P	P	07 32 15.9
DZA	Taraz	58.45 317	eP	P	07 31 31.3 +0.8
DZA	Taraz	58.45 317	eP	P	07 31 31.4 +0.9
CHGR	Chuyangaron	58.49 312d	iP	P	07 31 31.4 +0.5
CHGR	Chuyangaron	58.49 312d	iP	P	07 31 31.4 +0.5
MSVF	Nonsavu	58.95 115	P	P	07 31 36.3 +2.0
MSVF	Nonsavu	58.95 115	iP	P	07 31 35.4 +1.1
MSVF	Nonsavu	58.95 115	P	P	07 31 35.7 +1.4
MSVF	Nonsavu	58.95 115	P	P	07 31 37.1
MSVF	Nonsavu	58.95 115	P	P	07 31 36.1 +1.8
IUG	Iuzhnyy	59.06 316	eP	P	07 31 35.6 +0.9
IUG	Iuzhnyy	59.06 316	eP	P	07 31 35.6 +0.9
KK31	Karatay Array	59.08 317	iP	P	07 31 34.8 +0.1
KK31	Karatay Array	59.08 317	iP	P	07 31 36.3
KKAR	Karatay Array	59.08 317	P	P	07 31 35.4 +0.7
KKAR	Karatay Array	59.08 317	P	P	07 31 35.4 +0.7
CHM	Chimkent	59.42 316	eP	P	07 31 37.9 +1.0
CHM	Chimkent	59.42 316	eP	P	07 31 38.0 +1.0
BRLS	Borolday	59.52 317	eP	P	07 31 38.4 +0.8
BRLS	Borolday	59.52 317	eP	P	07 31 38.5 +0.8
DGTI	Dogotuki	60.03 113	iP	P	07 31 42.9 +1.5
SEY	Seymchan	60.19 15	iP	P	07 31 42.4 +0.8
SEY	Seymchan	60.19 15	iP	P	07 31 53.4 +0.9
SMY	Shemlya	61.83 32	P	P	07 31 53.4 +0.9
SMY	Shemlya	61.83 32	P	P	07 31 53.4 +0.9
SMY	Shemlya	61.83 32	P	P	07 31 53.4 +0.9
SMY	Shemlya	61.83 32	P	P	07 31 53.4 +0.9
LKBA	Lakemba	61.93 114	P	P	07 31 54.9 +1.1
OUZ	Omahuta	62.73 135	P	P	07 32 00.4 +2.0
BVAR	Borovoye Array	63.33 327	P	P	07 32 02.4 +0.2
BVAR	Borovoye Array	63.33 327	P	P	07 32 02.4 +0.2
BVAR	Borovoye Array	63.33 327	P	P	07 32 02.4 +0.2
BVAR	Borovoye Array	63.33 327	P	P	07 32 02.4 +0.2
BORK	Borovoye	63.37 327d	iP	P	07 32 02.5 0.0
BORK	Borovoye	63.37 327d	iP	P	07 32 03.0 +0.6
BORK	Borovoye	63.37 327	P	P	07 32 06.0 +1.7
WCZ	Waipu Caves	63.62 135	P	P	07 32 04.4 -0.3
JLN	Jalan Bani Buh	63.63 291	P	P	07 32 07.7 +0.2
WJK	Wadi Beni Khal	64.07 292	P	P	07 32 10.3 +1.0
AWAZ	Awhitu Peninsula	64.43 293	P	P	07 32 09.7 0.0
WSAR	Wadi Sarin	64.43 293	P	P	07 32 12.0 +1.8
GRZ	Great Barrier	64.45 135	P	P	07 32 12.0 +1.8
WIAZ	Waiheke Island	64.45 136	P	P	07 32 12.0 +1.5
MCZ	Midford Sound	64.72 148	P	P	07 32 11.6 +0.5
DCZ	Deep Cove	64.72 148	P	P	07 32 11.8 +0.8
DCZ	Deep Cove	64.72 148	P	P	07 32 12.4 +1.1
JCZ	Jackson Bay	64.72 148	P	P	07 32 12.4 +1.1
MKAZ	Moumakai	64.78 136	P	P	07 32 13.6 +2.0
JMDO	Jabal Madar	64.86 292	P	P	07 32 12.4 -0.1
BIDD	Bidbid	64.91 293	P	P	07 32 13.0 +0.2
MHTO	MHTO	64.91 290	P	P	07 32 12.6 -0.2
PYZ	Puysegur Point	64.93 148	I	Amb	07 32 14.1
SMDO	Samad	64.95 292	P	P	07 32 13.0 -0.1
FOZ	Fox Glacier	64.98 145	I	Amb	07 32 14.2
FOZ	Fox Glacier	64.98 145	P	P	07 32 13.4 +0.7
QRZ	Quartz Range	65.03 141	P	P	07 32 14.1 +1.0
QRZ	Quartz Range	65.03 141	P	P	07 32 13.9 +0.8
QRZ	Quartz Range	65.03 141	P	P	07 32 14.6 +1.5
PKE	Pukeiti	65.07 139	P	P	07 32 15.7 +2.2
DSZ	Denniston North	65.10 142	I	Amb	07 32 16.1
DSZ	Denniston North	65.10 142	P	P	07 32 15.3 +1.6
KHEZ	Kahui Hut	65.14 139	P	P	07 32 16.1 +2.1
MLZ	Mavora Lakes	65.17 147	I	Amb	07 32 15.1
MLZ	Mavora Lakes	65.17 147	P	P	07 32 14.4 +0.4
TIXI	Tiksi	65.23 2eP	P	P	07 32 13.4 -0.4
TIXI	Tiksi	65.23 2eP	P	P	07 32 13.4 -0.4
TIXI	Tiksi	65.23 2eP	P	P	07 32 13.4 -0.8
WVZ	Waitha Valley	65.24 144	P	P	07 32 14.7 +0.3
HIZ	Hauti	65.29 138	P	P	07 32 16.2 +1.4
HIZ	Hauti	65.29 138	I	Amb	07 32 17.8
HIZ	Hauti	65.29 138	P	P	07 32 16.8 +2.0
WKZ	Wanaka	65.33 146	I	Amb	07 32 15.3 +0.4
WKZ	Wanaka	65.33 146	P	P	07 32 17.8
TOZ	Tahuroa Road	65.33 137	I	Amb	07 32 17.8
TOZ	Tahuroa Road	65.33 137	P	P	07 32 17.1 +2.0
TKNZ	Takaka Hill	65.42 141	P	P	07 32 15.5 -0.1
TKNZ	Takaka Hill	65.42 141	P	P	07 32 16.1 +0.5
WHZ	Wether Hill	65.42 147	I	Amb	07 32 15.9
WHZ	Wether Hill	65.42 147	I	Amb	07 32 15.6 +0.1
INZ	Inchbonnie	65.45 143	I	Amb	07 32 18.0
INZ	Inchbonnie	65.45 143	P	P	07 32 15.8 0.0
LRZ	Lake Rotolene	65.49 143	P	P	07 32 18.2 +2.2
MRNZ	Matariki Terra	65.49 141	P	P	07 32 16.2 +0.2
VRZ	Vera Road	65.55 138	P	P	07 32 18.1 +1.7
TLZ	Tolley Road	65.56 137	P	P	07 32 16.8 -0.4
HOQ	Hoqain	65.56 293	P	P	07 32 17.6 +0.2
KMRZ	Kaimai	65.69 136	P	P	07 32 19.3 +2.0
LBZ	Lake Benmore	65.71 145	P	P	07 32 17.6 +0.2
LBZ	Lake Benmore	65.71 145	P	P	07 32 18.1 +0.8
BSY	Bisya	65.71 292	P	P	07 32 17.8 -0.1
EAZ	Earnscleugh	65.74 146	I	Amb	07 32 17.7 +0.2
NNZ	Nelson	65.78 141	P	P	07 32 19.0
NNZ	Nelson	65.78 141	P	P	07 32 17.6 -0.2
THZ	Tophouse	65.79 141	I	Amb	07 32 19.6
THZ	Tophouse	65.79 141	P	P	07 32 18.1 +0.1
RPZ	Rata Peaks	65.81 144	P	P	07 32 18.7 +0.8
GRZ	Tauranga	65.85 136	P	P	07 32 20.4 +2.1
DUWZ	D'Urville Isla	65.90 140	P	P	07 32 19.1 +0.5
TWVZ	Taurewa	65.97 138	P	P	07 32 20.2 +1.1
KARZ	Kaharoa	65.98 137	P	P	07 32 20.8 +1.6

LTZ	Lake Taylor	65.98 143	I	Amb	07 32 20.5
LTZ	Lake Taylor	65.98 143	P	P	07 32 19.4 +0.3
WATZ	Wairara	65.98 137	P	P	07 32 21.4 +2.3
UTU	Uluhina	66.02 134	P	P	07 32 21.4 +2.0
WAZ	Wanauhi	66.05 148	P	P	07 32 19.1 +1.2
APZ	The Paps	66.05 148	P	P	07 32 19.9 +0.5
GRRZ	Galatos Road	66.07 137	P	P	07 32 22.0 +2.4
RATZ	Rangitukua	66.09 138	P	P	07 32 21.9 +2.0
KATZ	Kakarama	66.09 138	P	P	07 32 21.9 +1.9
WTVZ	Wahitanga	66.11 138	P	P	07 32 21.6 +1.6
COVZ	Chateau Observ	66.11 138	P	P	07 32 21.5 +1.5
OPRZ	Ohipeneana	66.11 136	P	P	07 32 21.4 +1.5
WHTZ	Whakaora	66.11 137	P	P	07 32 22.4 +2.4
KRVZ	Karewarewa	66.12 138	P	P	07 32 21.8 +1.7
HGZ	Hossack Road	66.13 137	P	P	07 32 22.5 +2.5
NGZ	Ngauruhoe	66.13 138	P	P	07 32 21.7 +1.5
FWVZ	Far West T-bar	66.14 138	P	P	07 32 22.2 +1.8
NTVZ	North Tongariri	66.14 138	P	P	07 32 22.2 +1.9
MTVZ	Mangateitei	66.15 138	P	P	07 32 22.3 +2.0
MAVZ	Matarangi	66.15 138	P	P	07 32 22.4 +1.9
OXZ	Oxford	66.16 143	I	Amb	07 32 19.6 -0.5
OXZ	Oxford	66.16 143	P	P	07 32 20.7
OXZ	Oxford	66.16 143	P	P	07 32 20.3 +0.2
TRVZ	Turoa	66.16 138	P	P	07 32 21.7 +1.6
SNVZ	South Ngauruho	66.16 138	P	P	07 32 22.0 +1.6
OTVZ	Otureua	66.17 137	P	P	07 32 21.1 +1.4
HLRZ	Highlands Stat	66.17 137	P	P	07 32 23.5 +3.1
TMVZ	Te Maari	66.17 138	P	P	07 32 22.2 +1.8
TMZ	Timaru	66.18 145	P	P	07 32 20.7 +0.5
WHVZ	Whangaehu Hut	66.18 138	P	P	07 32 21.8 +1.2
ETVZ	East Tongariri	66.19 137	P	P	07 32 21.3 +1.3
MKRZ	Makaiti	66.19 137	P	P	07 32 23.1 +2.5
RITZ	Rihia Road	66.20 138	P	P	07 32 22.4 +1.9
WNVZ	Wahianoa	66.21 138	P	P	07 32 21.9 +1.1
TUVZ	Tuhoe	66.21 138	P	P	07 32 22.1 +1.3
TUVZ	Tuhoe	66.25 141	P	P	07 32 21.2 +0.5
TARZ	Tararua	66.27 137	P	P	07 32 21.8 +1.8
PRRZ	Plateau Road	66.32 137	P	P	07 32 22.6 +1.4
RRRZ	Republican Rd	66.32 137	P	P	07 32 22.8 +1.5
TCW	Tory Channel	66.34 140	P	P	07 32 21.1 -0.2
BSWZ	Bowhango	66.35 138	P	P	07 32 22.1 +0.7
EDRZ	Edwards	66.36 136	P	P	07 32 21.9 +1.7
MOVZ	Mokoroa Sta	66.37 141	P	P	07 32 20.7
BSWZ	Blackbirch Sta	66.37 141	P	P	07 32 21.0 -0.4
TUZ	Tuapeka	66.37 147	P	P	07 32 21.7 +0.4
ARQ	Araqui	66.37 293	P	P	07 32 22.0 +0.1
ODZ	Otauhu Downs	66.37 145	I	Amb	07 32 22.8
ODZ	Otauhu Downs	66.37 145	P	P	07 32 22.1 +0.7
SOHO	SOHO	66.40 293	P	P	07 32 21.5 -0.6
SOHO	SOHO	66.40 293	P	P	07 32 21.8 -0.3
MRHZ	Matea Rd	66.42 137	P	P	07 32 23.1 +0.1
KHZ	Kahutara	66.55 142	P	P	07 32 21.9 -0.6
KHZ	Kahutara	66.55 142	I	Amb	07 32 22.8
GVZ	Greta Valley S	66.55 143	I	Amb	07 32 24.1
GVZ	Greta Valley S	66.55 143	P	P	07 32 23.2 +0.6
KIW	Kapiti Island	66.56 140	P	P	07 32 22.6 -0.1
MUGZ	Murupara	66.57 137	P	P	07 32 23.1 +0.3
CMWZ	Cape Campbell	66.60 141	P	P	07 32 23.0 +0.1
SHHZ	Shank Hill Sta	66.61 137	P	P	07 32 23.1 +0.4
SNZO	South Karori	66.67 140	P	P	07 32 22.1 -1.2
URZ	Urewera	66.69 136	P	P	07 32 23.5 0.0
URZ	Urewera	66.69 136	P	P	07 32 23.5 0.0
WEL	Wellington	66.70 140	P	P	07 32 22.8 -0.6
GWZ	Gtaki Gorge	66.70 140	P	P	07 32 23.3 -0.0
SKZ	Stump Fm	66.72 137	P	P	07 32 24.5 +0.7
BANOM	Banah	66.73 295	P	P	07 32 24.4 +0.3
MOZ	MoQueen's Vall	66.74 143	P	P	07 32 24.4 +0.7
UOSS	UOSS	66.75 294	P	P	07 32 23.6 -0.6
UOSS	UOSS	66.75 294	P	P	07 32 24.0 -0.3
UOSS	UOSS	66.75 294	P	P	07 32 23.2 -1.0
UOSS	UOSS	66.75 294	I	Amb	07 32 24.5
RTZ	Ruatahuna	66.78 137	P	P	07 32 24.7 +0.6
CAN	Cannon Point	66.79 140	P	P	07 32 23.9 -0.2
MHW	Maungataniwha	66.80 137	P	P	07 32 24.9 +0.7
KWHZ	Kawaka Forest	66.81 138	P	P	07 32 21.5 +0.8
HATD	Hatta, Dubai	66.81 294	iP	P	07 32 24.6 0.0
HATD	Hatta, Dubai	66.81 294	P	P	07 32 24.9 +0.3
MSFE	Esma-Masari	66.82 295	P	P	07 32 25.4 +0.7
MASR	Masari	66.82 295	P	P	07 32 23.9 -0.5
TSZ	Takapari Road	66.82 139	P	P	07 32 23.9 -0.5
ASHO	Ashiyah	66.87 294	iP	P	07 32 24.7 -0.3
ASHO	Ashiyah	66.87 294	P	P	07 32 25.0 0.0
POWZ	Post Office Ro	66.87 139	P		

NEIC 16 15:12:36.0.0.8, 7.68S; 0.07; 107.35E; 0.05, h30km, mb4.2/12, Error ellipse: s-maj=11.4km s-min=6.3km az=154.0

ISC 16 15:12:36.1-0.6, 7.79S; 0.06; 107.37E; 0.05, h35km, n65, az=154.0/57, mb4.1/9, JAJA

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

ASRS 16 15:19:11.1±0.5, 50°N3°9'7E±, h4km, MLh4.7/9, Error ellipse: s-maj=6.2km s-min=3.1km az=163.9, confirmed IDC 16 15:19:14.2±1.1, 49.57N; 97.57E, h0km, mbtmp3.3/5, ML2.7/5, Error ellipse: s-maj=21.6km s-min=8.3km az=4.0 MOS 16 15:19:14.2±2.8, 49.45N; 97.42E, h19km, mb3.9/5, Error ellipse: s-maj=11.0km s-min=7.7km az=47.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the ASRS, MOS, and IDC events.

Table with columns: TLY, Talaya, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Talaya event.

NNC 16 15:20:12.2±5.0, 50°69N; 94.27E, h0km, mb3.7, mpv3.5, 7C-2D, Error ellipse: s-maj=146.3km s-min=35.7km az=105.0, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the NNC event.

IDC 16 15:50:52.1±4.6, 9°13'S; 119°21'E, h77km, 42km, mb3.3/3, mbtmp3.6/6, ML3.1/1, Error ellipse: s-maj=71.5km s-min=14.9km az=71.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC event.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the 16d 16h event.

IDC 16 15:59:58.4±1.3, 1°10'N; 126°15'E, h0km, mb3.6/6, mbtmp3.6/7, ML3.1/1, Error ellipse: s-maj=107.9km az=171.9, 7km az=67.0

DJA 16 16:00:01.7±0.3, 1°N5°12'16E±, h10km, M3.4/11, MLv3.4/11

ISC 16 16:00:03.1±2.1, 1.3N; 0.2-126.62E; 0.10, h35km, n10, az=126/101, mb3.6/6, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC, DJA, and ISC events.

IDC 16 16:03:47.5±1.1, 15°04'S; 173°65W, h0km, mb3.9/5, mbtmp3.9/6, ML4.2/1, MS3.1/1, Error ellipse: s-maj=38.4km s-min=24.6km az=156.0

NEIC 16 16:03:48.7±1.2, 14.98S; 0.09; 173.53W; 0.10, h10km, 1km, mb4.6/18, Error ellipse: s-maj=18.1km s-min=11.7km az=313.0

ISC 16 16:03:51.2±0.6, 15°00'S; 0.09; 173°49W; 0.09, h30km, n30, az=91/29, mb4.5/13, 1D, Samoa Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC, NEIC, and ISC events.

Table with columns: Station Name, Code, Time, Res, and various data points for stations like N18K, N19K, BELA, etc.

TAP 16:16:04:16.0,24:29N,122:155E,h53km,ML3.2,B
JMA 16:16:04:15.7,0.1,24:29N,122:155E,h54km,1km,
MV2.4/15,TAIWAN REGION
ISC 16:16:04:16.4,2.4,24:24N,122:122:19E,0.02,h38km,qkm,
n124,r1902/221,1C,Taiwan region

Main table listing station names, codes, times, and residuals for numerous stations including Heping Village, Aohua, Wuta, Nanau, Suao, etc.

Table listing station names, codes, times, and residuals for stations like IRIF, IRIF, EHD, Haiduan, etc.

16:16:10:56.4,0.5,0:28S,125:13E,h0km,mb4.4/25,
mbmp4.4/26,ML3.8/1,MS3.5/5,Error ellipse:
s-maj=25.1km s-min=11.5km az=75.0
GFZ 16:11:02:6.0,2.0,3:32S,12:5E,h161km,3km,
mb4.7/19,Error ellipse: s-maj=5.7km s-min=4.3km az=5.5,
confirmed
NEIC 16:11:02:6.2,2.0:29S:0:07,125:24E:0:06,h36km,7km,
mb4.7/73,Error ellipse: s-maj=10.1km s-min=7.7km
az=152.0
DJA 16:11:03:9.0,1.0,2:22S,12:5E,h50km,5km,MA.6/42,
mb5.2/14,mb4.9/31,MLV.4/842,Mv(mB)4.5/14
ISC 16:11:04:2.0,3.0,32S:0:04,125:24E:0:05,h57km,n221,
r146/213,mb4.7/80,MS4.0/5,1C,Southern Molucca Sea

Main table listing station names, codes, times, and residuals for stations like IDC, GFZ, NEIC, DJA, etc.

Main table listing station names, codes, times, and residuals for stations like FAKI, FAKI, FAKI, FAKI, etc.

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Table with columns: Station, Name, Az, El, P, M, Time, Az, El, P, M. Includes stations like MAJO, MJAR, MJAR, MAJSHIRO, etc.

Table with columns: Code, Station Name, Az, El, P, M, Phase ID, Time, Res. Includes stations like ILAR, QSPA, QSPA, D2SK, etc.

Table with columns: Station, Name, Az, El, P, M, Time, Az, El, P, M. Includes stations like COEN, INKA, BBDO, ASAR, etc.

Text block containing astronomical data and coordinates: IDC 16:21:48.9.0.5, 20:75S:174.26W, h0km, mb4.2/15, mbmp4.2/16, ML4.5/1, MS3.9/43, Error ellipse: s-maj=21.5km s-min=16.3km az=112.0, BUJ 16:21:49.9.0.22S:173.75W, h8km, mb5.0/6, mb4.9/18, Ms4.6/3, Mst 4.3/3, NEIC 16:21:50.0.2.2.0.273S:0.09:173.76W:0.08, h10km, 1km, mb4.9/124, Error ellipse: s-maj=15.2km s-min=12.5km az=165.0, NOU 16:21:54.2.20:66S:173.54W, h38km, mb4.7/18, Tonga Islands, GCMT 16:21:56.0.0.3.21:01S:0:03.173:76W:0:02, h24km, MW4:498, Moment Tensor Solution, s36.044, s86.123, Duration: 0 Moment tensor: Scale 10^16Nm, Mr2:65.16; Mw:0.91+1.1; Best double couple: Mw0.83800:1016 NP1=189.00000, s34.00000, A:73.00000, NP2: 2.9940, Plg75.0000, Azm329.0000; N -0.3100, Plg9.0000, Azm203.0000; P -2.6820, Plg12.0000, Azm111.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment rate function, ISC 16:21:51.4.0.3.20:73S:0:05:173.72W:0:05, h21km, N301:1957/216, mb4.9/87, MS4.0/41, 13C-18D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like DRME, MORH, DUGI, etc.

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

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like VSL, ECH, SSB, etc.

16d 19h 2020 AUG 16 18:52:24.9... m3.5/7, mbtmp3.5/7, MS3.9/1, Error ellipse: s-maj=132.7km s-min=20.6km az=54.0

16d 19h 2020 AUG 16 18:52:31.1... h31km, 13km, M3.6/22, MLV3.6/22

16d 19h 2020 AUG 16 18:52:31.2... 4.99S:0.08x102.7E:0.08, h35km, n29, e0593/21, mb3.5/7, Southern Sumatra

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

16d 19h 2020 AUG 16 18:52:29.0... WARRAMUNGA ARR 34.56 118 P 18 59 16.4 -0.4

16d 19h 2020 AUG 16 18:52:29.0... ASAR 4.4c Springs 35.69 124 P 18 59 26.8 +0.3

16d 19h 2020 AUG 16 18:52:29.0... KRVT Keravat (AS076) 49.59 91 LR 19 26 14.4

16d 19h 2020 AUG 16 18:52:29.0... SONM Songoing Arr 52.73 3 P 19 01 43.1 +0.5

16d 19h 2020 AUG 16 18:52:29.0... MKAR Makanchi Arr 54.52 343 P 19 01 55.2 -0.4

16d 19h 2020 AUG 16 18:52:29.0... H04N2 CROZET ISLANDS 59.81 2 T 20 06 58.4

16d 19h 2020 AUG 16 18:52:29.0... H04N1 CROZET ISLANDS 59.82 218 T 20 07 00.8

16d 19h 2020 AUG 16 18:52:29.0... H04N3 CROZET ISLANDS 59.82 218 T 20 06 59.8

16d 19h 2020 AUG 16 18:52:29.0... H04S1 CROZET ISLANDS 60.05 218 T 20 07 24.7

16d 19h 2020 AUG 16 18:52:29.0... H04S3 CROZET ISLANDS 60.06 218 T 20 07 15.4

16d 19h 2020 AUG 16 18:52:29.0... H04S2 CROZET ISLANDS 60.07 218 T 20 07 19.8

16d 19h 2020 AUG 16 18:52:29.0... ZALV Zalesovo Beam 60.52 348 P 19 02 37.0 -0.8

16d 19h 2020 AUG 16 18:52:29.0... BVAR Borovoye Arr 63.76 339 P 19 02 58.3 -1.2

16d 19h 2020 AUG 16 18:52:29.0... TXAR Lattas Arr 145.53 42 PKPbc PKPab 19 12 07.2 +0.2

16d 19h 2020 AUG 16 19:06:50.1... IDC 16 19:06:50.1... 0.4, 3.14S, 130.69E, h0km, mb4.8/22, mbtmp4.8/28, ML4.7/3, MS4.2/31, Error ellipse: s-maj=17.7km s-min=10.4km az=84.0

16d 19h 2020 AUG 16 19:06:51.5... BUJ 16 19:06:51.5... 3.105x130.60E, h15km, M5.0/18, mb4.7/60, Ms4.5/49, Ms7.4/3/50

16d 19h 2020 AUG 16 19:06:52.1... NEIC 16 19:06:52.1... 1.6, 3.19S, 0.06x130.73E, h0.05, h13km, 3km, mb5.1/156, Mw4.9/11, Error ellipse: s-maj=8.7km s-min=6.9km az=160.0

16d 19h 2020 AUG 16 19:06:53.0... GCMT 16 19:06:53.0... 0.3, 1.4S, 0.01x130.69E, h0.01, h17km, 1km, Mw5.1/112, Moment Tensor Solution, s69,c91; s112,c165; Duration: 0 Moment tensor: Scale 10^16Nm; M=2.18e-12; Mw=1.66e-08; Ms=0.52e-10; Me=3.85e-39; Ms=83400x10^16 NPT=3.14200000; 8.18.00000; 1.106.00000; NP2=305.00000; 873.00000; 1.85.00000; Principal axes: T 4.7180, Plg62.0000, Azm207.0000; N 2.2340, Plg65.0000, Azm307.0000; s-nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

16d 19h 2020 AUG 16 19:06:54.3... GFZ 16 19:06:54.3... 0.1, 3.1S, 131.1E, h29km, M5.0/54, mb5.1/54

16d 19h 2020 AUG 16 19:06:56.0... DJA 16 19:06:56.0... 0.1, 3.1S, 131.1E, h52km, 2km, M5.0/120, mb5.2/120, mb5.5/77, MLV5.1/24, Mw(m0)5.0/77, Mw(mw)4.8/17, Mw(p5.1/17

16d 19h 2020 AUG 16 19:06:53.0... IDC 16 19:06:53.0... 0.5, 3.25S, 0.03x130.69E, h0.04, h22km, 4km, h22km, pp-P, n441, e1965/391, mb5.0/164, MS4.2/46, 1C-2D, Seram

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

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, SNR, etc. Includes stations like Lanzhou, Changchun, Ussuriysk Arra, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, SNR, etc. Includes stations like Magadan, Yakutsk, Przheval'sk, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, SNR, etc. Includes stations like Poorman, Roundabout Mou, Kuna River, etc.

TAP 16:19:11:29.9,22:73N:121:19E,h32km,ML3.6,B
JMA 16:19:11:30.4:0.7,23°N:3.2°E,h69km,MV3.2/12,
TAIWAN REGION
ISC 16:19:21:29.6:0.9,22:72N:121:26E:0:02,h31km,5km,

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Band, etc. Includes stations like TTN, TWTG, etc.

16d 19h

2020 AUG

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Table with columns for station name, time, and other identifiers. Includes stations like Fuli, Chenggong, Dawu Township, Sandimen, Mashibuluo, Changbin, Yuli, Liugui, Taoyuan, etc.

Table with columns for station name, time, and other identifiers. Includes stations like TCU Taichung, FUSS Fushou, TWT Tachien, TDCB Techii, WDGJ Tungji, etc.

Table with columns for station name, time, and other identifiers. Includes stations like PMR Palmer, J20K, K24K Donnelly Dome, M20K, etc.

AEIC 16:19:28.9:3.6,63.47N:0.03:149.77W:0.07, h4km,6km, Error ellipse: s-maj=5.0km s-min=3.2km az=117.0

NEIC 16:19:26.4:0.9,63.43N:0.02:150.08W:0.06, h9km,3km, ML2:5/78, ML2.3(AEIC), Error ellipse: s-maj=4.1km s-min=2.2km az=111.0, Central Alaska

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC WRA Warramunga Arr 31.18 252 P 0.4nm,0.5s,baz=83,slow=8.8,SNR=6.9

HEL 16:19:37:21.9:0.4,67.18N:20:67E, h0km, ML1.4, Suspected explosion

IDLAR Eielson Array 84.66 18 P 0.3nm,0.8s,baz=236,slow=4.6,SNR=4.3

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC ERTU Ertsejaerv 0.86 138 Op PG 19 37 37.5 -0.2

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC SARU Saitoluokta 0.89 283 eP SB 19 37 42.7 +0.5

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC KLF Kolari 1.25 86 PG SB 19 37 54.2 -0.7

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC HEF Hetta 1.65 41 eP PG 19 37 51.6 0.0

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC HEF Hetta 1.65 41 PG 19 37 51.6 0.0

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC TOF Tornio 1.81 126 PG SN 19 38 13.4 -0.1

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC TOF Tornio 1.81 126 PG SN 19 38 13.4 -0.1

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC KTK1 Kautokeino 2.06 26 SN SG 19 38 19.3 -0.1

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC RNF Rovaniemi 2.16 103 PG SB 19 37 58.9 -0.6

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC BURU Burvik 2.63 174 PN Pn 19 38 05.8 +0.8

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC RANF Ranua 2.69 113 PB Pn 19 38 09.2 -1.0

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC ARCS ARCES Array S 2.94 35 SG Pn 19 38 44.2 +0.6

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC ARCS ARCES Array B 2.94 35 PB SB 19 38 10.3 +1.0

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC RAJF Raja-Jooseppi 3.15 62 PG PG 19 38 57.1 +0.2

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC OUF Umeaa 3.28 181 PG SN 19 38 15.1 +0.7

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC UMAU Umeaa 3.28 181 PG SN 19 38 15.1 +0.7

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC VARRIO Vario 3.46 77 SG SN 19 38 55.5 +1.0

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC KEV Kevo 3.46 39 PG Pn 19 38 25.2 +1.8

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC OLKF Oulanka, Finla 3.54 100 PG PG 19 38 26.1 +1.9

NOU 16 19:40:40.2, 37.46S, 176.82E, h208km, MLV3.7/18, North Island, New Zealand
WEL 16 19:40:42.7, 0.8, 37.5, 17.7E, h184km, 7km, M3.0/22, ML3.1/7, MLV3.0/22, Error ellipse: s-maj=5.2km s-min=4.7km az=11.6, confirmed
ISC 16 19:40:36.0, 2.0, 37.26S, 176.89E, 0.06, h237km, 10km, n147, e280/172, North Island

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res. Includes stations like Ohinepanea, Te Kaha, Kaharoa, Makatiti, Urewera, Mount Tarawera, Matakaoa Point, Matawai, Ruatahuna, Puketiti, Allen Road, Moumakai, Waiheke Island, Tolley Road, Great Barrier, Maungataniwha, East Tamaki Re, Rimuhau, Carnagh Statio, Matea Rd, Arah, Motupatu North, Wairara, Awahitu Peninsula, Rangitukia, Waihua, Naumai, Paritu Road, Kokohu, Waistera, Rihia Road, Black Stump Fm, Black Stump Fm, Kakaramea, Hauiti, Mahia Peninsula, North Tongarir, Maari, Kawarewa, East Tongariro, West Tongariro, Otutere, Taurewa, South Ngauruhoe, Ngauruhoe, McNeill Hill, Kaweka Forest, Chateau Observ, Tukino, Far West T-bar, Matarangi, Whangaehu Hut, Turoa, Waihanoa, Black Hill Sta, Moawhanga, Pokaka, Mangateitei, Cape Kidnapper, Kereru, Waipu Caves, Vera Road, Kahurangi, Pukenui, Pawanui, Waipukurau, Takapari Road, Wanganui, Lake Rotokare, North Egmont, Palmer Road, Pukeiti.

Table with columns: PRHZ, Korangahau, KHEZ, Kahui Hut, KHEZ, Kahui Hut, DVHZ, Dannevirke, NBEZ, Newall Road No, NZWZ, Newmu Road, ANWZ, Angora Road, POWZ, Post Office Rd, OUZ, Omahuta, OUZ, Omahuta, PRWZ, Port Road, BFZ, Birch Farm, MRZ, Mangatainoka R, TWZ, Tintock, CPWZ, Castlepoint, HOWZ, Holdsworth Sta, OGWZ, Otaki Gorge, KIW, Kapiti Island, TMWZ, Te Maipa, MTW, Mount Morrison, CAW, Cannon Point, DUWZ, D'Urville Isla, TRWZ, Traveller, PAWZ, Parawai Farm, MSWZ, Moikau Station, WEL, Wellington, SNZO, South Karori, SNZO, South Karori, TCW, Tory Channel, PLWZ, Pailiser, TWZ, Tamarina, MNZ, Nelson, TRZ, Takaka Hill, QRZ, Quartz Range, QRZ, Quartz Range, QRZ, Quartz Range, CMWZ, Cape Campbell, BSWZ, Blackbirch Sta, MRNZ, Matariki Terra, TRZ, Tophouse, KHZ, Kahutara, KHZ, Kahutara, DSZ, Dennistown Nort, GVZ, Grete Valley S, LTZ, Lake Taylor, AMKC, Amberley, AMKC, Okains Bay, OXZ, Oxtana, WQZ, Queen's Vall, AKCZ, Akaroa Harbour, WACZ, Wakarui South, RPZ, Rata Peaks, GCSZ, Gaunt Creek Bo, ARGZ, Arundel, WJZ, Waiho Glacier, TMZ, Timaru, LBZ, Lake Benmore, ODZ, Otahua Downs, ODZ, Otahua Downs, JCZ, Jackson Bay.

16 19:44:20.8, 0.8, 24.13N, 122.64E, h0km, mb3.8/11, mbmp3.8/12, ML3.7/1, MS2.9/2, Error ellipse: s-maj=25.8km s-min=17.0km az=67.0

TAP 16 19:44:23.9, 24.08N, 122.65E, h20km, ML4.4, D NIED 16 19:44:24.3, 24.09N, 122.70E, h24km, MW4.1, Moment Tensor Solution. s2 Moment tensor: Scale 10^15Nm; M1=1.45; M2=0.08; M3=1.37; M4=0.06; M5=0.04; M6=0.02; Fault plane solution: M1: 4.1000x10^15 NPT: 0.00000, 0.45, 0.00000, -0.87, 0.00000. NP2: 0.176, 0.00000, 1.46, 0.00000, 0.93, 0.00000

JMA 16 19:44:24.3, 0.1, 24.11N, 122.77E, 0.4, h24km, km1, MD4.1/15, MW4.2/15, NW OFF ISHIGAKIJIMA IS

ISC 16 19:44:22.6, 2.2, 24.00N, 122.72E, 0.02, h16km, 18km, n196, e092/346, mb3.7/11, Taiwan region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res. Includes stations like Yonagunijimaku, Heping Village, Aohua, Wuta, Su ao, ENA, TNC, EWA, Suanuo, Fush Village, Hualien, Iriomote-Funau, Chiawan, Yanliu Villag, Hateruma jima, Ninganchiao, Ningshanchiao, Shoufeng, Shoufeng, Dongshan, Jichi Village, Tongmen, Xiulin Townshi, Iilan, Toucheng, Shilin, Xiulin Townshi, Neicheng, Santiao Chiao, Datong, Guangfu, Kuro-shima, Datong, Datong Townshi, Shuangxi.

Table with columns: FUSB, Fushanzhiwuyua, HGSD, Ruisui, NNSB, Datong, NNSH, Datong, NNSH, Nan Shan, WFSB, Hehuan Shan, SX11, Grass Mountain, SX11, Changbin, ECBN, Wulai, EHYH, Wanrong, EHYH, Fushu, FUSS, Wu-fen Shan, WFSB, Hungye, EHY, Ishigaki jima, YHNB, Yeheng, YHNB, Yeheng, OWD, Renai, NSK, Sanguang, NSK, Mucha, TWA, Tachien, TNOU, National Taiwan, YULB, Yu-li, YULB, Yu-li, EYUL, Yuli, TDCB, Techii, NNDH, Xindian Distri, NHDH, Yuli, TW1, Yuli, CHKH, Chenggong, WUSB, Renai, WVDT, WVDT, WVDT, Taipei, WVDT, Taipei, NHTO, Taipei, TAP, Taipei, NHTO, Taipei, TAP, Taipei, FULT, New Taipei Cit, FULT, Fuli, CHKT, Chengkung, YMO1, YMO1, YMO8, YMO8, NFF, Wufeng Townshi, JISG, Ishigakijimahi, KSHI, Guanxi Townshi, KSHI, Taipei, WPL, Puli Township, ANP, Anpu, ANP, Kuangyinsshan, TWS1, Kuangyinsshan, SSSLB, Suanglung, SSSLB, Suanglung, SSSLB, Suanglung, EHD, Haiduan, EHD, Chenhua, TWY, Chenhua, DPDB, Guoxing, NTST, Dnshui, NTST, WHP, Taichung City, WHP, Taichung City, ECS, Chishang, ECS, Chishang, WCS, Beigang Elemen, WCS, Beigang Elemen, EDH, Donghe, EDH, Donghe, NJD, Zhudong, SMLT, Sun Moon Lake, SMLT, Sun Moon Lake, NSTH, Nanjuang, NSTH, Nanjuang, NSUJ, Zhongli, NSUJ, Zhongli, NCUH, Yuchr, WHYT, Xinyi Townshi, PCYT, Pengchayui, LDUT, Ludao, LDUT, Ludao, ELDTW, Lidau, ELDTW, Lidau, ESDTB, Hsinchu, ESDTB, Hsinchu, HSN, Hsinchu, HSN, Hsinchu, TWQ1, Liyutan, TWQ1, Liyutan, ALS, Alishan, ALS, Alishan, LONGT, Longtian, LONGT, Longtian, WJS, Zhushan, WJS, Zhushan, WNT, Mingjian, WNT, Mingjian, TCU, Taichung, TCU, Taichung, TTN, Taitung, TTN, Taitung, TTN, Taitung, TWGBT, Beinan, TWGBT, Beinan, TWGBT, Beinan, TWG, Pinlang, TWG, Pinlang, WDJ, Dajia District, JTJ, Tarama, JTJ, Tarama, STY, Taoyuan, STY, Taoyuan, STYH, Taoyuan, WCHH, Zhonghua, WCHH, Zhonghua, WCH1, Changhua City, WCH1, Changhua City, WDL, Douliou City, WDL, Douliou City, WCKO, Fanlu, WCKO, Fanlu, WDLH, Douliu, WDLH, Douliu, TPUB, Ta-pu, TPUB, Ta-pu, TPUB, Ta-pu, TPUB, Ta-pu.

comp=N, 5.0nm, 1.7s, comp=E, 4.0nm, 1.4s

comp=N, 31nm, 0.5s, comp=E, 19nm, 0.7s

comp=N, 15nm, 4.8s, comp=E, 16nm, 3.2s

comp=N, 9.0nm, 2.4s, comp=E, 1.2nm, 2.8s

comp=N, 16nm, 2.2s, comp=E, 10.0nm, 0.9s

comp=N, 9.0nm, 2.4s, comp=E, 1.2nm, 2.8s

comp=N, 4.0nm, 2.8s, comp=E, 4.0nm, 3.3s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

comp=N, 9.0nm, 4.2s, comp=E, 10.0nm, 3.1s

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JOW, BBJJ, JMF, JSU, JTM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NB2, NOA, HFS, AKASG, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like M-0.37, A61C, GCMT, etc.

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Table with columns for station name, elevation, wind speed, wind direction, and other weather data. Includes stations like VNFQ, VNHG, CHGN, etc.

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Table with columns for station name, elevation, wind speed, wind direction, and other weather data. Includes stations like SKR, B22K, I27K, etc.

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Table with columns for station name, elevation, wind speed, wind direction, and other weather data. Includes stations like KUR, C36M, C36M, etc.

ZALV	comp=Z,9.9nm,0.8s,baz=60,slow=3.6,SNR=4.9	PcP	PcP	20 16 33.1 +0.1
ZALV	comp=Z,3.1nm,0.8s,baz=52,slow=39	LR	LR	20 42 44.7
ZALV	comp=Z,3.1nm,0.8s,baz=52,slow=39	P	P	20 15 37.2 -2.0
WHN	Zalesovo Beam	P	P	20 15 40.1 +0.2
WHN	Wuhan	↑P	↑P	20 23 35.8 -0.3
WHN	comp=Z,610nm,1.6s	S	S	
WHN	comp=Z,2.1um,4.9s	S	S	
WHN	comp=Z,8um,15.2s	pmx	pmx	
WHN	comp=Z,4um,17.5s	L	L	
WHN	comp=Z,8um,16.5s	L	L	
NACB	Ninganchiao	57.42 269	P	20 15 42.0 +1.9
BLO	Bloomington	57.56 66	I	20 15 53.0
O48B	Farmland	57.61 65	I	20 15 52.6
ISOG	comp=Z,154nm,1.1s	I	I	20 15 41.4 0.0
ISOG	Isortoq, Green	57.69 21	I	20 15 44.5
N49A	comp=Z,65nm,0.9s	I	I	20 15 53.9
N49A	Columbus Grove	57.71 64	I	20 41 05.5
N49A	comp=Z,127nm,1.3s	I	I	20 42 17.5
NATX	comp=Z,5um,20.0s	I	I	20 39 46.9
NATX	Nacogdoches	57.78 78	I	20 41 09.9
T45A	comp=Z,5um,18.0s	I	I	20 41 28.2
T45A	Paducah	57.79 70	I	20 16 02.1
SADO	Sadowa	57.86 57	LR	20 15 43.1 -1.7
735A	comp=Z,4um,20.1s,baz=342,slow=37	57.86 83	I	20 15 56.7
735A	Kenedy	57.86 83	I	20 15 56.7
SSLB	Suangleung	58.10 269	I	20 15 42.8 -2.2
O49A	comp=Z,191nm,1.8s	I	I	20 15 47.0 +1.6
O49A	Covington	58.12 64	I	20 15 41.7 -3.7
HALT	Halls	58.13 71	P	20 16 14.4
YULB	Yu-li	58.17 268	P	
YULB	Yu-li	58.17 268	P	
XAN	comp=Z,245nm,1.9s	58.30 286	↑P	20 15 46.4 +0.1
XAN	Xi'an	58.30 286	S	20 23 54.0 +6.2
XAN	comp=Z,110nm,1.4s	S	S	
XAN	comp=Z,650nm,3.6s	S	S	
XAN	comp=Z,4um,19.2s	L	L	
XAN	comp=Z,4um,19.2s	L	L	
XAN	comp=Z,5um,19.2s	L	L	
HKT	Hockley	58.32 81	dI	20 15 44.2 -2.1
HKT	comp=Z,214nm,1.6s	dI	dI	
HKT	Hockley	58.32 81	MLR	20 43 15.2
HKT	comp=Z,5um,17.0s	MLR	MLR	
MET	Memphis-Engin	58.32 72	P	20 15 43.9 -2.4
WCI	Wyandotte Cave	58.33 67	P	20 15 43.5 -2.9
WCI	comp=Z,112nm,1.1s	P	P	
WCI	comp=Z,8um,20.0s	MLR	MLR	
WCI	Wyandotte Cave	58.33 67	I	20 15 43.5 -2.9
WCI	comp=Z,112nm,1.1s	I	I	
KEV	Kevo	58.37 353	P	20 15 44.7 -1.5
KEV	comp=Z,68nm,1.1s	P	P	
KEV	comp=Z,3um,19.0s	MLR	MLR	
KEV	Kevo	58.37 353	I	20 15 46.5
KEV	comp=Z,67nm,1.1s	I	I	
KEV	comp=Z,3um,19.0s	I	I	
TPUB	Ta-pu	58.66 269	P	20 15 46.8 -2.0
TPUB	comp=Z,78nm,1.5s	P	P	
ARCES	ARCESS Array B	58.70 353	P	20 15 47.1 -1.4
ARCES	comp=Z,12nm,0.7s,baz=16,slow=9.2,SNR=21	P	P	
ARCES	comp=Z,9.5nm,1.0s,baz=12,slow=2.6,SNR=3.9	PcP	PcP	20 16 38.2 0.0
ARCES	comp=Z,2um,18.1s,baz=353,slow=38	LR	LR	20 43 22.6
ARCES	ARCESS Array B	58.70 353	P	20 15 47.4 -1.1
ARCES	comp=Z,66nm,1.4s	P	P	
ARCES	ARCESS Array B	58.70 353	I	20 15 47.4 -1.1
ARCES	comp=Z,66nm,1.4s	I	I	
T47A	Sharon Grove	58.71 69	I	20 41 10.3
N51A	Ashland	58.72 62	I	20 15 47.0 -2.1
N51A	comp=Z,5um,19.0s	I	I	
TWG	Pinlang	58.73 268	P	20 15 47.2 -2.2
TWG	comp=Z,2um,16.5s	P	P	
OZH2	Quanzhou	58.73 272	↑P	20 15 49.4 +0.1
OZH2	comp=Z,70nm,1.2s	S	S	20 23 54.8 +1.3
OZH2	comp=Z,670nm,5.5s	S	S	
OZH2	comp=Z,2um,16.5s	L	L	
OZH2	comp=Z,2um,15.8s	L	L	
OZH2	comp=Z,2um,19.6s	L	L	
KVXT	Kingsville	58.74 84	P	20 15 47.2 -2.1
KVXT	comp=Z,4um,18.0s	I	I	
IVI	Ivigut	58.82 28	I	20 15 48.1 -1.2
IVI	comp=Z,58nm,1.1s	I	I	
IVI	Ivigut	58.82 28	iP	20 15 50.4 +1.0
IVI	comp=Z,30nm,0.8s	I	I	
DELO	Deloro Mine	58.83 57	I	20 16 03.7
ACSO	Alum Creek Sta	58.85 63	P	20 15 48.5 -1.4
ACSO	comp=Z,169nm,1.7s	I	I	
M52A	Chesterland	58.86 61	P	20 15 47.6 -2.4
M52A	comp=Z,244nm,1.8s	I	I	
M52A	comp=Z,122nm,1.3s	I	I	
M52A	comp=Z,4um,19.0s	I	I	
WVT	Waverly	58.87 70	P	20 15 48.4 -1.7
WVT	comp=Z,430nm,1.8s	P	P	
WVT	comp=Z,4um,19.0s	MLR	MLR	
WVT	Waverly	58.87 70	P	20 15 48.4 -1.7
WVT	comp=Z,4um,19.0s	I	I	
R49A	Shelbyville	58.94 66	P	20 15 47.6 -2.9
R49A	comp=Z,167nm,1.7s	I	I	
143A	Socs Landing	59.11 75	P	20 15 50.7 -1.0
143A	comp=Z,4um,19.0s	I	I	
DGZ	Jazzator, Alta	59.15 312	iP	20 15 51.2 -0.9
DGZ	comp=Z,192nm,1.5s	pmx	pmx	
DGZ	comp=Z,8um,16.0s	MLR	MLR	
ERPA	Erie	59.21 60	P	20 15 49.4 -3.0
ERPA	comp=Z,141nm,1.6s	I	I	
ERPA	comp=Z,3um,19.0s	I	I	

TRQ	Mont Tremblant	59.23 53	P	20 15 50.2 -2.4
TRQ	comp=Z,167nm,1.7s	I	I	20 16 04.6
ZAIG	Zacatecas	59.26 91	P	20 15 50.4 -3.0
ZAIG	comp=Z,100nm,1.5s	I	I	20 16 07.8
MEDO	Medina	59.32 58	P	20 15 51.1 -2.0
MEDO	comp=Z,77nm,1.2s	I	I	20 16 07.1
P51A	Williamsport	59.32 64	I	20 16 06.2
P51A	comp=Z,114nm,1.4s	I	I	
KTK1	Kautokeino	59.38 354	eP	20 15 51.8 -1.4
441A	DeRidder	59.38 78	P	20 15 51.3 -2.4
LVZ	Lovozero	59.41 349	eP	20 15 53.3 -0.1
LVZ	comp=Z,81nm,1.7s	pmx	pmx	
LVZ	comp=Z,5um,18.0s	MLR	MLR	
LVZ	Lovozero	59.41 349	P	20 15 51.7 -1.7
LVZ	comp=Z,65nm,1.1s	I	I	20 15 53.5
LVZ	comp=Z,5um,18.0s	I	I	
LVZ	comp=Z,5um,18.0s	I	I	
Y45A	Yeager Farm, C	59.42 73	P	20 15 51.0 -3.0
Y45A	comp=Z,4um,21.0s	I	I	20 43 28.6
R50A	Paris	59.42 66	P	20 15 52.6 -1.3
ALLY	Allegny Colle	59.45 60	P	20 15 52.6 -1.5
PEBB	Peebles	59.47 65	P	20 15 53.0 -1.3
PECO	Prince Edward	59.56 57	P	20 15 52.5 -2.3
PECO	comp=Z,203nm,1.6s	I	I	20 16 08.7
O52A	Adamsville	59.57 63	P	20 15 52.7 -2.2
O52A	comp=Z,5um,18.0s	I	I	20 43 42.8
LDAQ	Lac Daran	59.64 50	P	20 15 53.0 -2.4
LDAQ	comp=Z,54nm,1.3s	I	I	20 16 24.7
N53A	Lisbon	59.65 62	P	20 15 53.7 -1.8
N53A	comp=Z,102nm,1.3s	I	I	20 16 07.1
WBO	Williamsburg	59.71 55	P	20 15 53.9 -1.8
WBO	comp=Z,102nm,1.3s	I	I	20 16 09.1
V48A	Smith Brothers	59.73 70	P	20 15 54.0 -2.1
V48A	comp=Z,74nm,1.2s	I	I	20 16 08.1
V48A	comp=Z,4um,21.0s	I	I	
P52A	Corning	59.74 63	P	20 15 53.2 -2.8
P52A	comp=Z,153nm,1.5s	I	I	20 16 08.9
CLTN	Cedars of Lebanon	59.78 69	P	20 15 53.7 -2.7
CLTN	comp=Z,246nm,1.9s	I	I	20 16 09.8
PAOC	Oil Creek Stat	59.79 60	P	20 15 54.2 -2.2
U49A	Red Boiling Sp	59.81 68	P	20 15 54.0 -2.6
U49A	comp=Z,175nm,1.6s	I	I	20 16 09.7
U49A	comp=Z,5um,20.0s	I	I	
O53A	New Philadelph	59.82 62	P	20 15 54.1 -2.6
APA	Apaitiy	59.87 349	eP	20 15 53.1 -3.4
APA	comp=Z,13nm,1.2s	e	S	20 16 44.6
APA	comp=Z,6um,17.8s	e	S	20 23 59.4 -7.7
APA	comp=Z,13nm,1.2s	e	S	20 24 13.3
GA2A	Gaotai	59.89 297	P	20 15 56.5 -0.8
GA2A	comp=Z,7um,18.8s	S	S	20 24 07.0 -1.4
GA2A	comp=Z,7um,18.8s	S	S	20 28 09.3 +5.2
GA2A	comp=Z,7um,18.8s	pmx	pmx	
GA2A	comp=Z,7um,21.3s	pmx	pmx	
GA2A	comp=Z,7um,21.3s	L	L	
GA2A	comp=Z,7um,21.3s	L	L	
GA2A	comp=Z,6um,20.6s	L	L	
GA2A	comp=Z,7um,22.7s	L	L	
LZH	Lanzhou	59.90 291	P	20 15 58.3 +0.8
LZH	comp=Z,130nm,1.8s	S	S	20 16 04.3 +1.9
LZH	comp=Z,130nm,1.8s	S	S	20 24 06.3 -2.4
LZH	comp=Z,130nm,1.8s	pmx	pmx	
LZH	comp=Z,1um,4.6s	pmx	pmx	
LZH	comp=Z,5um,15.2s	L	L	
LZH	comp=Z,6um,17.5s	L	L	
LZH	comp=Z,8um,15.9s	L	L	
MMNV	Mt. Morris Dam	59.91 58	P	20 15 54.8 -2.4
CNSH	ChangSha	59.95 278	P	20 15 57.6 -0.1
CNSH	comp=Z,31nm,1.7s	S	S	20 24 10.6 +1.4
CNSH	comp=Z,2um,15.5s	pmx	pmx	
CNSH	comp=Z,940nm,16.8s	L	L	
CNSH	comp=Z,2um,18.0s	L	L	
MBMS	Moraine State	59.96 61	P	20 15 54.9 -2.7
MBMS	Vicksburg	59.98 75	I	20 44 10.2
T50A	Lanzhou Arroy	60.00 67	P	20 15 54.3 -3.6
LZDM	Lanzhou Arroy	60.08 291	P	20 15 59.2 +0.3
LZDM	comp=Z,5.3nm,0.4s,baz=267,slow=3.0,SNR=5.1	LR	LR	20 44 05.2
Q52A	Bidwell	60.12 64	P	20 15 56.6 -2.1
MNTQ	Montreal, Queb	60.20 53	P	20 15 57.1 -2.0
MNTQ	comp=Z,138nm,1.7s	I	I	20 16 16.0
P53A	Whipple	60.25 63	P	20 15 58.1 -1.5
S51A	Beattville	60.29 66	P	20 15 57.4 -2.5
LONY	Lake Ozonia	60.33 55	P	20 15 58.3 -1.7
LONY	comp=Z,61nm,1.4s	I	I	20 16 12.3
LMQ	Avella	60.33 62	P	20 15 57.0 -3.1
LMQ	La Malbaie	60.38 50	P	20 15 58.4 -1.9
LMQ	comp=Z,100nm,1.5s	I	I	20 16 29.3
ICQ	Pointe Anglais	60.40 47	P	20 15 59.5 -0.9
CFNY	Clifton-Fine,	60.41 55	P	20 15 58.2 -2.4
CFNY	comp=Z,133nm,1.4s	I	I	20 16 14.3
J57A	Williamstown	60.44 57	P	20 15 59.2 -1.7
J57A	comp=Z,181nm,1.5s	I	I	20 16 14.8
J57A	comp=Z,4um,18.0s	I	I	
X48A	Hartselle	60.50 71	I	20 16 13.9
X48A	comp=Z,189nm,1.6s	I	I	
L56A	Greenwood	60.50 59	P	20 16 04.4
146A	Union	60.57 74	I	20 15 58.8 -2.6
ENH	Enshi	60.59 283	P	20 15 58.2 -2.4
ENH	Enshi	60.59 283	I	20 16 02.7 +0.6
ENH	comp=Z,254nm,1.9s	I	I	20 16 18.6
ENH	comp=Z,3um,18.0s	I	I	
SWET	Swanewe	60.62 69	P	20 16 00.0 -2.2
SWET	comp=Z,174nm,1.6s	I	I	20 16 14.8
Z47A	Carrollton	60.76 73	P	20 16 02.0 -1.2
Z47A	comp=Z,115nm,1.0s	I	I	20 16 16.9
STEI	Steige	60.84 357	eP	20 42 52.3
Q54A	Coxs Mills	60.81 63	P	20 16 03.3 +0.1
NCB	Newcomb	60.97 55	I	20 16 01.6 -2.5
NCB	comp=Z,170nm,1.6s	I	I	20 16 18.2
MCWV	Mont Chateau	60.99 62	P	20 16 02.5 -2.2
W50A	Signal Mountain	60.99 69	P	20 16 03.9 -1.5
W50A	comp=Z,3um,22.0s	I	I	20 42 19.7

TZTN	comp=Z,5um,21.0s	61.08 67	P	20 16 02.9 -2.4
J59A	Tazewell	61.18 56	P	20 16 23.8
J59A	Piesco	61.18 56	I	20 16 23.8
346A	Big Creek Wild	61.20 75	P	20 16 03.1 -3.0
346A	comp=Z,4um,21.0s	I	I	20 44 45.5
CPCT	Cooper Cave	61.28 68	P	20 16 04.8 -1.8
CPCT	comp=Z,109nm,1.4s	I	I	20 16 19.4
FPAL	Fort Paine	61.28 70	P	20 16 04.1 -2.6
FPAL	comp=Z,62nm,1.0s	I	I	20 16 20.3
Y49A	Blount Mountai	61.29 71	P	20 16 05.2 -1.6
Y49A	comp=Z,3um,18.0s	I	I	20 48 19.3
M57A	Sunshine Farm,	61.29 59	P	20 16 03.0 -3.6
M57A	comp=Z,143nm,1.6s	I	I	20 16 20.6
BINY	Binghamton	61.30 58	P	20 16 03.8 -2.9
D62A	All			

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KKR Kurukshetra, GOF Gofitskoye, ERBR Yermizino-Bor, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KBZ Khabaz, KBY Khabaz, CLF Chambon-Forêt, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SOKA, ABTA, ABTA, PERS, etc.

Table of station data for the first section, including station names like Korovin Flat P, Atka Island, and various codes and times.

Table of station data for the second section, including station names like Barichara, Pamplona, and various codes and times.

Table of station data for the third section, including station names like Norcasia, Chingaza, and various codes and times.

Table of station data for the fourth section, including station names like Alice Springs, Warramunga Arr, and various codes and times.

Table of station data for the fifth section, including station names like Kazeron-Fars-I, Kolanjah, and various codes and times.

Table of station data for the sixth section, including station names like Keskin Array B, Karatay Array, and various codes and times.

Table of station data for the seventh section, including station names like Malin Array Be, Borovoye Array, and various codes and times.

Table of station data for the eighth section, including station names like Malin Array Be, Borovoye Array, and various codes and times.

Table of station data for the ninth section, including station names like Raoul Island, Alice Springs, and various codes and times.

Table of station data for the tenth section, including station names like Kushirohama, Akkeshi, and various codes and times.

Table of station data for the eleventh section, including station names like Nemuro-Hokkai, Nemuro 2, and various codes and times.

Table of station data for the twelfth section, including station names like Onbets, Rausu, and various codes and times.

Table of station data for the thirteenth section, including station names like Oum El Arais, Berda, and various codes and times.

Table of station data for the fourteenth section, including station names like Alice Springs, Warramunga Arr, and various codes and times.

Table of station data for the fifteenth section, including station names like Arslanbob, Arkit, and various codes and times.

Table of station data for the sixteenth section, including station names like Pskhem, Bishkek, and various codes and times.

17d 3h

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like QSPA South Pole Qui, YBH Yreka Blue Hor, and many others.

2020 AUG

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like PANC Panciu, BMRD Maredsous, and many others.

972

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like MT01 Popeta, MT01 Cerro Caljn, and many others.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Chenhua, Datong Townshi, Datong, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H01W3, H01W2, H01W1, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ROCH, EI Roble, MT02, etc.

IDC 17 03:12:13.6, 1.5, 9.65S, 119.03E, h0km, mb3.6/2, mbmp3.4/6, ML3.2/4, MS2.4/1, Error ellipse: s-maj=41.8km

ISC 17 03:12:18.2, 1.5, 9.8S, 0.1x119.3E, 0.3, h35km, n6, e2s46/8, Sumba region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KAPI, WRA, FITZ, etc.

GUC 17 03:28:12.0, 0.9, 33.19S, 70.02W, h20km, 2km, ML3.8

SJA 17 03:28:12.1, 0.7, 33.22S, 70.10W, h8km, 1km, ML4.2, MW3.8

IDC 17 03:28:13.0, 0.8, 33.27S, 69.68W, h0km, mb3.8/6, mbmp3.8/11, ML3.8/5, MS3.3/4, Error ellipse:

NEIC 17 03:28:13.6, 2.6, 33.23S, 0.02, 70.10W, 0.03, h10km, 1km, mb4.1/5, ML3.8(GUC), Error ellipse: s-maj=4.2km

ISC 17 03:28:12.7, 1.1, 33.21S, 0.02, 70.11W, 0.02, h1km, 8km, n109, e165/161, mb3.9/7, 12C-8D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MT04, MT08, MT10, etc.

IDC 17 03:15:24.9, 2.1, 0.37N, 67.28E, h0km, mb3.8/7, mbmp3.8/7, MS3.6/45, Error ellipse: s-maj=59.8km

GCMT 17 03:15:27.0, 0.4, 0.26N, 0.02, 67.02E, 0.02, h23km, 1km, MW4.8/85, Moment Tensor Solution, s16, c17, s85, c110;

Duration: 0 Moment tensor: Scale 10^19Nm; Mw0.17±.11; Mw0.15±.08; Mw0.13±.08; Mw0.06±.12; Mw0.09±.08;

Mw0.56±.12; Best double couple: M0:1.78700, 0.1016; NP1:0.297, 0.0000, 0.675, 0.0000, 0.169, 0.0000; NP2:

0.3, 0.0000, 0.879, 0.0000, 0.116, 0.0000; Principal axes: T 1.7940, P1g10.0000, Azm25.0000; N -0.0100, P1g71.0000, Azm6.0000; Azm6.0000; P 1.7800, P1g3.0000;

Azm163.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 17 03:15:27.5, 2.3, 0.33N, 0.3, 67.1E, 0.4, h22km, n54, e056/8, mb3.9/7, MS3.7/45, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KAP, BRBH, CMAR, etc.

Ro Olivares, 0.19 188 eP, Pg, 03 28 16.7 +0.3

Ro Olivares, 0.19 188 fP, Pg, 03 28 17.0 +0.5

Ro Olivares, 0.19 188 iP, Pg, 03 28 20.6 +1.6

Ro Olivares, 0.19 188 jP, Pg, 03 28 20.6 +1.6

Ro Olivares, 0.19 188 kP, Pg, 03 28 21.1

Bocatomora, 0.24 162 eP, Pg, 03 28 17.4 0.0

Bocatomora, 0.24 162 fP, Pg, 03 28 17.3 0.0

Bocatomora, 0.24 162 gP, Pg, 03 28 21.2 +0.6

Bocatomora, 0.24 162 hP, Pg, 03 28 21.2 +0.2

Bocatomora, 0.24 162 iP, Pg, 03 28 21.1 +0.5

Bocatomora, 0.24 162 jP, Pg, 03 28 20.7 +1.0

Bocatomora, 0.24 162 kP, Pg, 03 28 27.1 -1.3

Cerro Caljn, 0.40 243 iP, Pg, 03 28 21.4 +0.9

Cerro Caljn, 0.40 243 jP, Pg, 03 28 28.3 -1.2

Cerro Caljn, 0.40 243 kP, Pg, 03 28 29.7

CCHEN, 0.41 238 iP, Pg, 03 28 21.4 +0.8

CCHEN, 0.41 238 jP, Pg, 03 28 28.2 -1.4

CCHEN, 0.41 238 kP, Pg, 03 28 29.1

CCHEN, 0.41 238 lP, Pg, 03 28 21.3 +0.8

CCHEN, 0.41 238 mP, Pg, 03 28 27.1 +0.5

Universidad Ad, 0.44 230 iP, Pg, 03 28 21.7 +0.6

Universidad Ad, 0.44 230 jP, Pg, 03 28 21.8 +0.2

Universidad Ad, 0.44 230 kP, Pg, 03 28 28.9 -1.6

Universidad Ad, 0.44 230 lP, Pg, 03 28 30.3

Universidad Ad, 0.44 230 mP, Pg, 03 28 21.8 +0.6

Universidad Ad, 0.44 230 nP, Pg, 03 28 28.4 -2.1

Peidehue, 0.49 278 eP, Pg, 03 28 22.1 0.0

Peidehue, 0.49 278 fP, Pg, 03 28 30.0 -1.9

Peidehue, 0.49 278 gP, Pg, 03 28 30.2

Peidehue, 0.49 278 hP, Pg, 03 28 22.4 +0.3

Peidehue, 0.49 278 iP, Pg, 03 28 30.0 -1.9

Peidehue, 0.49 278 jP, Pg, 03 28 30.4

Sierra Bellavi, 1.67 199 eP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 fP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 gP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 hP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 iP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 jP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 kP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 lP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 mP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 nP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 oP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 pP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 qP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 rP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 sP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 tP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 uP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 vP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 wP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 xP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 yP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 zP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AA, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AB, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AC, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AD, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AE, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AF, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AG, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AH, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AI, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AJ, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AK, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AL, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AM, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AN, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AO, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AP, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AQ, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AR, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AS, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AT, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AU, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AV, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AW, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AX, Pg, 03 28 43.2 -0.1

Sierra Bellavi, 1.67 199 AY, Pg, 03 28 43.2 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for H03S2, PLCA, CPUP, etc.

NOU 17 04:32:56.1, 39.42S, 174.28E, h193km, MLV3.5/12, North Island, New Zealand
WEL 17 04:32:57.2, 1.0, 39.5S, 177.4E, h203km, GKM, M2.9/21, ML2.1/7, MLV2.9/21, Error ellipse: s-maj=10.7km, s-min=6.5km, az=176.2, confirmed
ISC 17 04:32:52.6, 1.8, 39.42S, 174.37E, 0.05, h235km, 9km, n117, s159/132, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LREZ, PALMER, NEZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MRHZ, HOWZ, WPHZ, etc.

IDC 17 04:33:18.2, 0.8, 54.49N, 160.54W, h0km, mb3.9/16, m-bmaj=20.2km, ML3.8/4, MS3.1/13, Error ellipse: s-maj=11.2km, s-min=16.0, az=149.0
AEIC 17 04:33:21.4, 1.6, 54.19N, 160.05, h260m, 2km, Error ellipse: s-maj=7.1km, s-min=4.5km, az=149.0
NEIC 17 04:33:21.0, 1.7, 54.26N, 160.04, h233km, 5km, mb3.9/27, ML3.7/28, ML3.5(AEIC), Error ellipse: s-maj=6.2km, s-min=5.2km, az=135.0
ISC 17 04:33:20.2, 0.7, 54.27N, 160.48W, 0.03, h18km, 17km, n195, s192/190, mb4.0/16, MS3.0/12, Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CNBA, CHNA, CHNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LVA, UNV, MNAT, etc.

Table with columns: Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Peel River, Sheldon Lake, Dease Lake, Barrier River, Satah River, etc.

IDC 17:04:33:51.28.0, 17:33S>178.24E, h522km, 64km, mb3.4/3, mbtmp4.4/3, Error ellipse: s-maj=230.6km s-min=75.9km az=102.0, Fiji Islands

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Nonsavu, Stephens Creek, Warramunga Arr, etc.

IDC 17:04:43:31.9.0.8, 28.11N, 104.66E, h0km, mb3.8/12, mbtmp3.8/14, ML4.0/2, Error ellipse: s-maj=29.5km s-min=16.2km az=57.0

NEIC 17:04:43:33.4.1.6, 28.04N, 104.6E, 0.1, h10km, 1km, mb4.4/8, Error ellipse: s-maj=16.6km s-min=12.6km az=300.0

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Chengdu, Enshi, Son La, etc.

Table with columns: Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Korea Array, Hailar Array B, Makanchi Array, etc.

SDD 17:04:44:15.5.1.6, 19.36N, 73.82W, h49km, 98km, MD3.6, ML2.8, MW3.3, Presumed earthquake

SSNC 17:04:44:24.1.1.4, 19.16N, 72.98W, h14km, 12km, MD3.0, ML1.9, Presumed earthquake

OSPL 17:04:44:24.6.1.1, 19.18N, 73.22W, h0km, 12km, ML2.3, Presumed earthquake

ISC 17:04:44:22.7.1.3, 19.24N, 0.05x73.07W, 0.03, h11km, 11km, n24, e127/41, 16C, Haiti region

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Jimani, Masc, Montecristi, etc.

IDC 17:04:44:13.7.1.0, 29.54N, 68.59E, h0km, mb3.7/10, mbtmp3.8/11, ML3.9/1, MS3.1/3, Error ellipse: s-maj=23.4km s-min=19.1km az=126.0

ISC 17:04:54:17.1.1.0, 29.7N, 0.1, 68.6E, 0.1, h20km, n14, e88/13, mb3.8/9, Pakistan

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Acha-Archa, Higuay Centro, etc.

IDC 17:04:54:13.7.1.0, 29.54N, 68.59E, h0km, mb3.7/10, mbtmp3.8/11, ML3.9/1, MS3.1/3, Error ellipse: s-maj=23.4km s-min=19.1km az=126.0

ISC 17:04:54:17.1.1.0, 29.7N, 0.1, 68.6E, 0.1, h20km, n14, e88/13, mb3.8/9, Pakistan

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Acha-Archa, Higuay Centro, etc.

Table with columns: Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Makanchi Array, GNI, Kurban, etc.

IDC 17:05:21:35.5.0.7, 11.87N, 124.12E, h0km, mb3.9/16, mbtmp3.9/16, MS3.7/39, Error ellipse: s-maj=30.7km s-min=14.1km az=72.0

NEIC 17:05:21:36.7.1.2, 11.9N, 0.1, 124.3E, 0.2, h10km, 1km, mb4.5/15, Error ellipse: s-maj=29.9km s-min=19.0km az=82.0

MAN 17:05:21:36.0.1, 11.93N, 123.98E, h9km, MS4.6, MAN INTENSITY IV - CATAINGAN MASBATE; INTENSITY III - CITY OF MASBATE; PALANAS MASBATE; TAGAPAL-AN SAMAR; INTENSITY II - PIO V. CORPUZ MASBATE; IROSIN AND BULUSAN SORSOGON; KAWAYAN BILIRAN; ALMAGRO SAMAR

GCMT 17:05:21:40.7.0.4, 11.94N, 0.02x123.94E, 0.03, h26km, 1km, MW4.8/33, Moment Tensor Solution, s4.24; s3.3, c1.05

Duration: 0 Moment Tensor Solution: Scale 10^16Nm; M0-33.16; Mw-1.75; 10; Mw-2.07; 12; Mw-1.03; 20; Mw-0.35; 23; Best double couple: M1.02, 30200x10^16

NP1: 0.327, 0.00000, 0.663, 0.00000, 0.11, 0.00000, NP2: 0.232, 0.00000, 0.880, 0.00000, 0.152, 0.00000, Principal axes: T 2.3260, P1g26.0000, Azm186.0000, N -0.0430, P1g61.0000, Azm34.0000, P -2.2270, P1g12.0000, Azm282.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 17:05:21:36.3.1.5, 11.95N, 0.03x124.11E, 0.04, h5km, 10km, n97, e138/74, mb3.4/326, MS3.7/39, Leyte

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like Palo, Lapu-Lapu, Ibadj, etc.

IDC 17:05:21:36.3.1.5, 11.95N, 0.03x124.11E, 0.04, h5km, 10km, n97, e138/74, mb3.4/326, MS3.7/39, Leyte

Table with columns: Code, Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like KAPI, GUMO, Wuhan, etc.

Table of seismic data for WRA, ASAR, CTB, SONM, etc. Columns include station name, time, magnitude, and other parameters.

UCR 17 05:26:24.8:0.6, 9.49N:79.09W, h25km, 999km, MW4.0, Presumed earthquake

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

Main table of seismic data for stations like BRUI, TABO3, ZANG, etc. Columns include station name, time, magnitude, and other parameters.

SDD 17 05:28:35.8:2.2, 17.82N:70.73W, h178km, 18km, MD3.3, ML2.3, MW2.6, 9C, Presumed earthquake, Dominican Republic region

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

Table of seismic data for stations like SDD, HATOM, BANI, etc. Columns include station name, time, magnitude, and other parameters.

ASRS 17 05:55:20.0:0.8, 53.78N:88.23E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

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

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like ARG Arhangelos, YER Yerkesik, GOMA Gvkgeada, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like PLE Pljevlja, COPA Copaceana, UPM Unac-Piva, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like GEM Giv'at Ha'Em, GEM GEM, SHBL Chebaa, etc.

BAL3X	Bal3x, Balta	11.83	20	P	Pn	07 29 50.1	+3.2
AQBJ	Aqaba	11.85	124	P	Pn	07 29 45.5	-1.7
HSNJ	Maan	11.95	120	P	Pn	07 29 47.2	-1.6
DRE	Drenchia	11.95	324	P	Pn	07 29 46.4	-2.2
ARSA	Arzberg	12.00	332	P	Pn	07 29 47.3	-1.9
ARSA	Arzberg	12.00	332	P	Pn	07 29 47.6	-1.6
ARSA	Arzberg	12.00	332	P	Pn	07 29 47.3	-1.9
ARSA	comp=Z,4.1nm,0.4s,SNR=6.6			i	Sn	07 31 54.2	-6.9
ARSA	comp=Z,2.3nm,0.5s	12.00	332	P	Pn	07 29 47.9	-1.4
ARSA	comp=Z,4.95nmcomp=Z,3.4nm,0.7s			P	Pn	07 29 52.5	+2.4
KOLS	Kolonické sedl	12.07	355	eP	Pn	07 29 52.5	+2.4
KOLS	Kolonické sedl	12.07	355	eP	Pn	07 29 52.8	+2.7
KOLS	Kolonické sedl	12.07	355	eP	Pn	07 29 52.8	+2.7
RONA	Rosalía, Austr	12.11	335	i	Pn	07 29 49.9	-0.7
RONA	comp=Z,1.3nm,0.2s			e	Sn	07 31 58.1	-5.6
RONA	comp=Z,3.4nm,0.6s			e	Sn	07 31 54.3	+3.4
VYHS	Vyhne	12.13	344	eS	Sn	07 32 01.4	-2.7
VYHS	Vyhne	12.13	344	eS	Sn	07 29 54.3	+3.4
VYHS	Vyhne	12.13	344	eS	Sn	07 32 01.4	-2.7
PRED	Cave del Predi	12.19	325	eS	Pn	07 29 50.5	-1.3
PRED	Cave del Predi	12.19	325	eS	Pn	07 29 50.3	-1.5
ZCCA	Zocca	12.22	311	Pn	Pn	07 29 50.8	-1.3
SESA	Seetaler Alpe, SNR=11	12.27	329	Pn	Pn	07 29 50.7	-2.2
ACOM	Acomizza, Ital	12.29	325	P	Pn	07 29 50.5	-2.8
MYKA	Terra Mystica	12.29	325	ePN	Sn	07 29 53.7	+0.5
MYKA	Terra Mystica	12.29	325	ePN	Sn	07 31 58.3	-1.0
MYKA	Terra Mystica	12.29	325	ePN	Sn	07 29 51.8	-1.3
MYKA	comp=Z,1.7nm,0.3s			i	Sn	07 32 01.2	-7.0
MODS	Modra-Piesok	12.41	340	eS	Sn	07 29 55.7	+1.1
MODS	Modra-Piesok	12.41	340	eS	Sn	07 32 04.5	-6.4
MODS	Modra-Piesok	12.41	340	eS	Sn	07 29 52.8	-1.9
TEOL	Teolo	12.41	317	Pn	Pn	07 29 54.1	-0.9
FUSE	Fusea	12.43	323	P	Pn	07 29 54.2	-1.1
CONA	Conrad Observatory	12.45	335	i	Pn	07 32 03.8	-8.3
CONA	comp=Z,2.7nm,0.5s			i	Sn	07 32 03.8	-8.3
STAL	STALLIGAL	12.47	322	Pn	Pn	07 29 53.1	-2.3
VLC	Villacollemand	12.48	310	P	Pn	07 29 56.3	+0.7
VLC	Villacollemand	12.48	310	P	Pn	07 29 56.3	+0.7
VLC	Villacollemand	12.48	310	P	Pn	07 29 52.7	-2.9
KELT	Kelkit	12.56	70	P	Pn	07 30 00.9	+3.9
LANS	Liptovska Anna	12.63	347	eP	P	07 30 04.4	-0.9
LANS	Liptovska Anna	12.63	347	eP	P	07 30 04.4	-0.9
STHS	Stebnicka Huta	12.64	352	eP	P	07 30 03.3	-2.1
STHS	Stebnicka Huta	12.64	352	eP	P	07 30 03.3	-2.1
PGF	Poggio	12.67	301	P	Pn	07 29 59.0	+3.0
KWP	Kalwaria Pacla	12.70	357	eP	Pn	07 30 02.1	+0.7
JAVC	Velka Javorina	12.75	342	ePN	Pn	07 30 01.7	+2.5
JAVC	Velka Javorina	12.75	342	ePN	Pn	07 29 58.5	-0.7
NIE	Niedzica	12.76	350	eP	Pn	07 29 51.5	-7.8
NIE	Niedzica	12.76	350	eP	Pn	07 30 01.7	+2.4
KBA	Koelnbreinsper	12.77	326	P	Pn	07 29 57.0	-2.5
KBA	Koelnbreinsper	12.77	326	P	Pn	07 29 57.1	-2.5
KBA	comp=Z,4.9nm,0.3s,SNR=13			i	Sn	07 32 14.1	-5.7
KBA	comp=Z,1.0nm,0.5s			i	Sn	07 29 57.2	-2.3
PRMA	PARMA	12.84	312	Pn	Pn	07 29 59.9	-0.5
ABTA	Abfattersbach	12.91	323	Pn	Pn	07 29 59.2	-2.2
ABTA	comp=Z,5.8nm,0.2s,SNR=17			i	Sn	07 32 16.5	-6.7
MOA	Molin	12.98	330	i	Pn	07 30 01.2	-1.1
MOA	comp=Z,6.1nm,0.3s,SNR=7.5			i	Sn	07 32 20.7	-4.1
MOA	Molin	12.98	330	i	Pn	07 30 00.5	-1.7
ANN	Anapa	13.00	48	eP	Pn	07 30 04.0	+1.5
ANN	comp=Z,1.9nm,1.1s			e	Pmax	07 32 29.7	+4.4
BIOA	Bad Ischl, Aus	13.11	328	ePN	Pn	07 30 03.3	-0.7
BIOA	comp=Z,1.2nm,0.5s			i	Sn	07 32 21.7	-6.2
SALO	Salr	13.21	315	Pn	Pn	07 30 04.4	-0.9
SALO	Salr	13.21	315	P	Pn	07 30 04.2	-1.1
KRUC	Moravsky	13.28	338	ePN	Pn	07 30 09.8	-2.7
LESA	Schwazetal	13.32	326	i	Pn	07 30 05.1	-1.8
LESA	comp=Z,4.0nm,0.6s,SNR=17			i	Sn	07 32 23.3	-1.0
LUBAR	Lubar, Ukraine	13.33	11	P	Pn	07 30 06.2	-0.6
BOB	Bobbio (Coli)	13.37	310	P	Pn	07 30 07.0	-0.4
VRAC	Vranov	13.45	339	P	Pn	07 30 13.8	-0.5
VRAC	comp=Z,9.2nm,0.5s,baz=150,slow=8.7,SNR=10			S	Sn	07 32 29.8	-6.2
VRAC	comp=Z,2.5nm,0.4s,baz=219,slow=22,SNR=1.1			LR	LR	07 36 23.2	-1.1
VRAC	Vranov	13.45	339	P	Pn	07 30 09.2	+0.9
VRAC	Vranov	13.45	339	ePN	Pn	07 30 12.2	-2.3
KOPT	Kop Dagj	13.48	72	Pn	Pn	07 30 09.6	+0.4
OJC	Ojcow	13.61	349	eP	Pn	07 30 11.9	+1.4
OJC	Ojcow	13.61	349	P	Pn	07 30 09.8	-0.7
OJC	Ojcow	13.61	349	Pn	Pn	07 30 09.8	-0.7
OJC	Ojcow	13.61	349	P	Pn	07 30 11.4	+0.9
OJC	comp=Z,3.4nm,0.8s			i	Sn	07 30 12.7	+2.3
OJC	comp=Z,3.4nm,0.8s			i	Sn	07 30 12.7	+2.3
MORC	Moravsky Berou	13.63	343	P	Pn	07 30 12.0	+1.2
MORC	Moravsky Berou	13.63	343	P	Pn	07 30 11.9	+1.2
MORC	Moravsky Berou	13.63	343	Pn	Pn	07 30 10.6	-0.1
MORC	Moravsky Berou	13.63	343	ePN	Pn	07 30 14.0	-2.4
WTTA	Wattenberg	13.70	323	i	Pn	07 30 11.4	-0.4
WTTA	comp=Z,1.9nm,0.4s,SNR=26			e	Sn	07 32 35.2	-7.2
WTTA	comp=Z,8.2nm,0.6s			e	Sn	07 30 11.8	0.0
WTTA	comp=Z,6.95nmcomp=Z,8.3nm,0.7s,comp=Z,6.95nm			P	Pn	07 32 37.1	-6.6
CKRC	Cesky Krumlov	13.76	333	eSN	AMS	07 32 37.1	-6.6
CKRC	comp=Z,3.0nm,9.3s			AMS	AMS	07 35 10.0	
WATA	Walderalm	13.78	323	i	Pn	07 30 12.1	-0.7
WATA	comp=Z,7.7nm,0.2s,SNR=14			i	Sn	07 32 36.0	-8.3
SQTA	Sankt Quirin	13.88	322	i	Pn	07 30 13.8	-0.3
SQTA	comp=Z,1.1nm,0.5s,SNR=12			i	Sn	07 32 41.2	-5.4
SOC	Sochi	13.89	56	eP	P	07 30 17.5	-1.8
SOC	comp=Z,2.71nm,0.7s			e	P	07 32 52.0	
SOC	comp=Z,1.29nm,1.7s			MLR	MLR	07 30 15.2	-0.1
FUORN	Ofenpass-Fuorn	13.97	318	P	Pn	07 30 15.3	-0.1
FUORN	Ofenpass-Fuorn	13.97	318	P	Pn	07 30 15.3	-0.1
FETA	Feichten	13.98	320	ePN	Pn	07 30 15.6	+0.1
FETA	comp=Z,2.6nm,0.6s			i	Sn	07 32 42.4	-6.9
GEC2	GERESS Array S	14.01	332	P	Pn	07 30 15.3	-0.4
GEC2	GERESS Array S	14.01	332	P	Pn	07 30 15.9	+0.1
GERES	GERES Array B	14.01	332	P	Pn	07 30 16.3	+0.5
GERES	comp=Z,2.2nm,0.4s,baz=156,slow=13,SNR=14			S	Sn	07 32 41.8	-8.1
GERES	comp=Z,7.7nm,0.4s,baz=156,slow=24,SNR=9.6			PcP	PcP	07 35 29.9	+0.3
GERES	comp=Z,1.7nm,0.5s,baz=132,slow=1.5,SNR=3.1			PcP	PcP	07 35 29.9	+0.3

GERES	comp=Z,3.38nm,21.1s,baz=148,slow=39			LR	LR	07 36 08.2	
GERES	comp=Z,3.0nm,0.8s,baz=191,slow=1.4,SNR=15			ScP	ScP	07 38 53.4	-1.3
GERES	GERES Array B	14.01	332	Pn	Pn	07 30 14.8	-1.0
MOTA	comp=Z,1.1nm,0.8s,SNR=14			i	Sn	07 30 15.4	-0.5
MOTA	comp=Z,1.20nm,0.9s			i	Sn	07 32 44.7	-5.3
VKLR	Vesolye	14.05	57	i	Pn	07 30 17.5	+1.2
KRCL	Kraikly	14.09	341	eP	Pn	07 30 23.2	+1.6
KRCL	Kraikly	14.09	341	ePN	Pn	07 30 23.2	+1.6
MON	Monaco	14.19	304	P	Pn	07 30 20.1	+2.1
AK07	Malin Array S	14.19	14	P	Pn	07 30 17.9	-0.1
AK13	Malin Array Si	14.22	14	P	Pn	07 30 18.2	-0.2
ESCA	L'Escarene	14.26	304	P	Pn	07 30 19.7	+0.7
DAVOX	Davos/Dischmat	14.27	318	P	Pn	07 30 19.4	+0.1
DAVOX	comp=Z,9.0nm,0.4s,baz=83,slow=21,SNR=20			S	Sn	07 32 46.5	-1.0
DAVOX	comp=Z,1.5nm,0.5s,baz=170,slow=17,SNR=3			LR	LR	07 37 22.9	
RETA	Reutte	14.28	322	i	Pn	07 30 21.6	-2.1
RETA	comp=Z,8.7nm,0.4s,SNR=17			e	Sn	07 32 49.6	-6.8
KHC	Kasperske Hory	14.29	332	i	P	07 30 20.7	+1.4
KHC	comp=Z,2.6nm,0.4s			e	Sn	07 30 19.5	+0.2
KHC	Kasperske Hory	14.29	332	ePN	Sn	07 32 48.5	-8.0
KHC	comp=Z,1.5nm,0.5s			AMS	AMS	07 35 40.0	
KHC	Kasperske Hory	14.29	332	ePN	Sn	07 30 18.9	-0.4
KHC	Kasperske Hory	14.29	332	P	P	07 30 22.2	-1.5
KHC	Kasperske Hory	14.29	332	P	P	07 30 21.9	-1.9
ZVC	Zvikov	14.32	334	ePN	Sn	07 30 24.8	+0.7
ZVC	comp=Z,3.9nm,1.0s			e	Sn	07 32 52.2	-5.1
ZVC	comp=Z,500nm,8.2s			AMS	AMS	07 36 30.0	
ZVC	Kasperske Hory	14.29	332	ePN	Sn	07 30 18.9	-0.4
ZVC	Kasperske Hory	14.29	332	P	P	07 30 22.2	-1.5
ZVC	Kasperske Hory	14.29	332	P	P	07 30 21.9	-1.9
ZVC	comp=Z,3.9nm,1.0s			e	Sn	07 30 24.8	+0.7
ZVC	comp=Z,500nm,8.2s			AMS	AMS	07 32 52.2	-5.1
ZVC	Kasperske Hory	14.29	332	ePN	Sn	07 30 18.9	-0.4
ZVC	Kasperske Hory	14.29	332	P	P	07 30 22.2	-1.5
ZVC	Kasperske Hory	14.29	332	P	P	07 30 21.9	-1.9
ZVC	comp=Z,3.9nm,1.0s			e	Sn	07 30 24.8	+0.7
ZVC	comp=Z,500nm,8.2s			AMS	AMS	07 32 52.2	-5.1
ZVC	Kasperske Hory	14.29	332	ePN	Sn	07 30 18.9	-0.4
ZVC	Kasperske Hory	14.29	332	P	P	07 30 22.2	-1.5
ZVC	Kasperske Hory	14.29	332	P	P	07 30 21.9	-1.9
ZVC	comp=Z,3.9nm,1.0s			e	Sn	07 30 24.8	+0.7
ZVC	comp=Z,500nm,8.2s			AMS	AMS	07 32 52.2	-5.1
ZVC	Kasperske Hory	14.29	332	ePN	Sn	07 30 18.9	-0.4
ZVC	Kasperske Hory	14.29	332	P	P	07 30 22.2	-1.5
ZVC	Kasperske Hory	14.29	332	P	P	07 30 21.9	-1.9
ZVC	comp=Z,3.9nm,1.0s			e	Sn	07 30 24.8	+0.7
ZVC	comp=Z,500nm,8.2s			AMS	AMS	07 32 52.2	-5.1
ZVC	Kasperske Hory	14.29	332	ePN	Sn	07 30 18.9	-0.4
ZVC	Kasperske Hory	14.29	332	P	P	07 30 22.2	-1.5
ZVC	Kasperske Hory	14.29	332	P	P	07 30 21.9	-1.9
ZVC	comp=Z,3.9nm,1.0s			e	Sn	07 30 24.8	+0.7
ZVC	comp=Z,500nm,8.2s			AMS	AMS	07 32 52.2	-5.1
ZVC	Kasperske Hory	14.29	332	ePN	Sn	07 30 18.9	-0.4
ZVC	Kasperske Hory	14.29	332	P	P	07 30 22.2	-1.5
ZVC	Kasperske Hory	14.29	332	P	P	07 30 21.9	

Table with columns for station name, frequency, power, and other technical details. Includes stations like GWHR, VAL, NSS, AB31, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KKAR, GAR, DZA, BTK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOEG, MAKZ, MKAR, etc.

17d 7h

Table of flight data for 17d 7h, including columns for airline, flight number, origin, destination, status, and time. Rows include SHL Shilling, FRB Froisher Bay, SONM Songino Array, etc.

2020 AUG

Table of flight data for 2020 AUG, including columns for airline, flight number, origin, destination, status, and time. Rows include BJT Baijiatao, BJI2 Beijing, A36M Sachs Harbour, etc.

984

Table of flight data for 984, including columns for airline, flight number, origin, destination, status, and time. Rows include G23K Bananza Creek, G21K Allakaket, I28M Miner Creek, etc.

17d 8h

2020 AUG

h10km, 1km, ML3.0/37, MD3.2/12(RSPR), Error ellipse: s-maj=3.3km s-min=2.6km az=39.0

RSPR 17 08:21:28.2, 17.94N, 67.10W, h12km, MD3.2/12 ISC 17 08:21:27.4, 0.9, 17.92N, 0.05:67.09W, 0.03, h16km, 4km, n45, c059/73, 12C-15D, Mona Passage

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Maguueys Islan, Cabo Rojo, PR, and various IOPC Station P entries.

NEIC 17 08:24:46.8, 2.0, 17.78N, 0.02:67.21W, 0.02, h10km, 2km, ML2.0/43, MD3.1/21(RSPR), Error ellipse: s-maj=4.6km s-min=3.5km az=42.0

SDD 17 08:24:49.3, 2.3, 17.88N, 67.17W, h16km, 15km, MD2.8, ML2.4, MW2.7, Presumed earthquake

OSPL 17 08:24:50.6, 0.3, 17.82N, 67.09W, h11km, 24km, ML2.6, Presumed earthquake

RSPR 17 08:24:50.9, 17.94N, 67.10W, h12km, MD3.0/21 ISC 17 08:24:47.9, 1.1, 17.85N, 0.05:67.17W, 0.02, h19km, 2km, n45, c061/67, 12C-15D, Mona Passage

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Cabo Rojo, PR, Maguueys Islan, and various IOPC Station P entries.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Obispado Ponce, Cerrillos, Isla Desecheo, Aguadilla, PR, and various IOPC Station P entries.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like IOPC Station P, San Lorenzo, Diego Aracena, and various IOPC Station P entries.

CATAC 17 08:42:53.4, 0.8, 14.1N, 5.9W, 93W, h17km, M3.9/7, MLV3.9/7, Error ellipse: s-maj=1.2km s-min=5.5km az=32.8, confirmed

MEX 17 08:42:55.3, 0.6, 13.80N, 93.33W, h10km, 22km, MD4.3 GCG 17 08:43:01.4, 2.4, 14.22N, 93.02W, h35km, 97km, MD4.5, Presumed earthquake

ISC 17 08:42:52.6, 2.7, 13.77N, 0.08:93.35W, 0.03, h26km, 21km, n40, c233/74, Off coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like THIG, SMCA, PATR, RTAL, CHJU, PAVE, HUEH, and various IOPC Station P entries.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Mentasta, L26K, ZEA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDAR, BOZ, SAND, HHC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like C27K, E28M, SMWD, F30M, etc.

Table with columns: MOA, Mollin, 69.59, 19, i, P, 11 56 48.6 +1.4, etc. Lists various astronomical objects and their properties.

Table with columns: WSAR, Wadi Sarin, 80.92, 62, LR, LR, 12 33 17.4, etc. Lists astronomical objects with detailed coordinates and identifiers.

Table with columns: NEIC 17 11:52:08.1, 1.4, 51.1, 10N, 0.05, 178.76E, 0.08, h10km, 1km, etc. Lists astronomical objects with specific coordinates and parameters.

IDC 17 11:52:08.1, 1.4, 52.03N, 178.82E, h0km, mb3.4/9, mbmp3.4/10, ML2.2/1, Error ellipse: s-maj=49.5km s-min=17.0km az=179.0

17d 12h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like BARN, F25K, L27K, etc.

SDD 17 11:57:37.7±1.9, 19°19'N-68°75'W, h23km±17km, MD3.6, ML3.6, MW3.7, Presumed earthquake
OSPL 17 11:57:40.0±3.1, 19°09'N-68°81'W, h0km±37km, ML3.6, Presumed earthquake
ISC 17 11:57:36.9±1.5, 19°16'N-0°06'68.76W±0.04, h7km±11km, n27, ±195/32, 7C-4D, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like SMDR, SMDR, SMDR, etc.

2020 AUG

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like MLPR, AOPR, AOPR, etc.

WEL 17 11:58:29.4±1.4, 34°S±12°17'9W±2.1, h343km±14km, M3.6/3, MLV3.6/3, Error ellipse: s-maj=29.5km s-min=9.4km az=115.4, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like MXZ, WMGX, WMGX, etc.

IDC 17 12:00:09.1±3.0, 12°82'S-171°69'E, h0km, mb4.0/4, mbtmp4.0/4, MS3.7/4, Error ellipse: s-maj=132.3km s-min=31.9km az=136.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like MSVF, STKA, WRA, ASAR, MJAR, ILAR, LPIG, NEW, etc.

IDC 17 12:11:30.8±1.3, 28°06'N-140°00'E, h421km, 14km, mb3.2/10, mbtmp3.9/15, Error ellipse: s-maj=24.9km s-min=11.2km az=79.0

JMA 17 12:11:31.0±0.2, 28°2'N-0°9'14.0'E±, h439km±3km, MV3.4/37, W OFF OGASAWARA

NEIC 17 12:11:31.4±0.9, 28°12'N-0°10'14.0'E±, h426km±8km, mb4.1/27, Error ellipse: s-maj=18.8km s-min=14.1km az=95.0

ISC 17 12:11:32.5±0.5, 28°13'N-0°06'140.12E±, h450km, n73, ±169/84, mb3.8/23, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like CBJJ, JHH2, JHC1, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like JUNU, JOW, JOW, etc.

IDC 17 12:24:15.5±0.6, 58°69'S-25°31'W, h0km, mb4.2/7, mbtmp4.2/8, ML4.1/1, MS3.4/3, Error ellipse: s-maj=30.2km s-min=17.3km az=67.0

NEIC 17 12:24:21.0±1.4, 58°9'S-0°1x25°1'W±0.2, h35km±1km, mb4.7/29, Error ellipse: s-maj=20.3km s-min=14.6km az=95.0

ISC 17 12:24:18.2±0.5, 58°79'S-0°08'25.11W±0.09, h18km, n78, ±0570/67, mb4.5/17, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like HOPE, ORCP, VNA1, etc.

DLBC Dease Lake 28.66 344 LR LR 15 28 37.5
OS3A New Philadelphia 29.10 63 P P 15 15 02.9 -5.4
YKA Yellowknife Ar 31.01 1 P P 15 15 26.4 +1.6
YKA comp=2.0,8nm,0.8s,baz=185,slow=7.0,SNR=3.4
LR LR 15 27 55.3

IDC 17 15:14:55.2-0.8,9:65S-118:98E,h0km,mb3.9/8,
mbmp3.8/12,ML3.6/4,MS2.9/4,Error ellipse:
s-maj=31.3km s-min=12.3km az=70.0

DJA 17 15:14:58.3-0.8,10:5:9 x 11 9Ei,h10km,M4.1/8,
ML4.1/8
NEIC 17 15:14:59.1:0.9,9:94S:0:04:118:92E:0:08,h35km,1km,
mb4.2/13,Error ellipse: s-maj=13.7km s-min=5.0km
az=249.0

ISC 17 15:14:55.7-0.6,9:90S:0:06:119:04E:0:05,h10km,n52,
c173/45,mb4.0/12,Sumba region

Code Station Name Az AZ Phase ID Time Res
WBSI Waikabubak, Su 0.43 54 Op P 15 15 04.1 0.0
WSI Waingapu 1.26 80 AML AML 15 15 19.6 +0.2
WSI Waingapu 1.26 80 AML AML 15 15 19.6 +0.2

WBO Warramunga Arr 17.78 125 P Pn 15 19 05.0 +1.5
WRA Warramunga Arr 17.82 126 P Pn 15 19 05.8 +1.7

WRA Warramunga Arr 17.82 126 P Pn 15 19 05.3 +1.3
WRA Tennant Creek 17.93 126 P Pn 15 19 05.9 +1.8

ASAR Alice Springs 19.72 136 P S 15 19 28.5 +2.8
ASAR comp=2.0,3nm,0.8s,baz=306,slow=22,SNR=4.2
ASAR comp=2.1nm,18.2s,baz=306,slow=40

ASAR Alice Springs 19.72 136 AML AML 15 19 26.7 +1.0
AS31 Alice Springs 19.72 136 P P 15 19 26.3 +0.6

RABL Rabaul 33.34 83 P P 15 21 33.3 -1.0
CMAR Chiang Mai Arr 34.45 325 LR LR 15 36 37.2

H08S2 Diego Garcia H 46.03 269 T T 16 12 29.0
H08S3 Diego Garcia H 46.04 269 T T 16 12 30.3

JHJ2 Ussuriysk Arr 55.11 24 P P 15 23 28.6 +0.4
USRK Ussuriysk Arr 55.11 24 P P 15 24 27.3 -0.7

NNZ Nelson 56.95 133 P P 15 24 40.0 -1.4
SONM Songoing Arr 58.56 350 P P 15 24 52.0 -0.6

TARG Tarag, Kyrgy 63.81 327 P P 15 25 27.2 -1.6
TARG comp=2.2,9nm,0.9s
TARG comp=2.1,1nm,0.7s

MKAR Makanci Arr 65.27 333 P P 15 25 36.8 -0.9
MKAR Crozet Islands 67.19 224 T T 16 39 18.3

H04N1 Crozet Islands 67.20 224 T T 16 39 17.1
H04N3 Crozet Islands 67.20 224 T T 16 39 19.8

KURB Kurchatov Arra 69.78 324 P P 15 26 05.7 -0.4
KURB comp=2.0,3nm,0.6s,baz=148,slow=5.6,SNR=3.5
KURB comp=2.0,2nm,0.5s

ZALV Zalesovo Beam 69.89 339 P P 15 26 05.7 -1.0
PETK Petropavlovsk 70.87 23 P P 15 26 12.2 -0.6
YAK Yakutsk 72.18 5 P P 15 26 20.0 -0.4

AZER 17 15:19:54.9,38:88N:45:77E,h14km,ml2/2
TEH 17 15:19:55.8,38:76N:45:80E,h6km,94km,ML2.7,
Presumed earthquake

ISC 17 15:19:55.2-1.0,38:79N:03:45:77E:0:03,h10km,8km,
n17,c076/30,Iran-Armenia-Azerbaijan border region

Code Station Name Az AZ Phase ID Time Res
IMRD Marand 0.09 213 P P 15 19 57.8 -0.2
ORD Ordubad 0.22 52 P S 15 20 02.6 +0.3

CATAC 17 15:28:45.0:0.4,14:N:3:8:5W:1,h1km,M3.6/11,
ML3.6/11,Error ellipse: s-maj=5.5km s-min=3.1km
az=177.5,confirmed,Nicaragua

Code Station Name Az AZ Phase ID Time Res
SIUN Universidad Ur 0.51 175 Op P 15 28 55.3 +0.4
BILN Bilwi Airport 1.41 97 P S 15 29 10.4 -1.5

PTWC 17 15:30:31.31:40N:115:50W,h10km,Mwp5.3/23
NEIC 17 15:30:31.3,31:46N:115:60W,h10km
NEIC 17 15:30:31.3,31:46N:115:60W,h10km

MW5.176(PAS),Error ellipse: s-maj=3.9km s-min=2.9km
az=289.0,Moment Tensor Solution. Moment tensor:
Scale 10^16Nm; Mr=0.39; Mw=4.62; Mw0.5:0.1; Mw0.1:8;
Mw-1.60; Mw-1.30; Fault plane solution: Mw5.250000x10^16
NP1:36.500000,381.000000,1.9.100000. NP2:
305.150000,381.000000,1.171.410000. Principal axes:
T 5.5554,Plg12.0000,Azm261.0000;N -0.6797,
Plg78.0000,Azm79.0000;P -4.8756,Plg0.0000,
Azm171.0000

PAS 17 15:30:33.0,31:51N:115:66W:0:03,h16km,4km
Error ellipse: s-maj=3.2km s-min=2.4km az=111.0
ECX 17 15:30:33.0,31:50N:115:64W,h6km,MD4.9,
ML5.1,Fault plane solution: NP1:36.440000,
388.000000,1.22.000000

MEX 17 15:30:33.0,31:50N:115:70W,h10km,Mb5.4/6,mb5.0/13,
Ms5.0/9,Mst 4.7/9
MEX 17 15:30:33.0,31:50N:115:54W,h16km,5km,MD5.2
IDC 17 15:30:34.0,0.5,31:54N:115:65W,h0km,mb4.6/22,
mbmp4.6/41,ML4.4,MS4.6/46,Error ellipse:
s-maj=1.6km s-min=0.6km az=59.0

GCMT 17 15:30:35.9,31:57N:115:60W:0:01,h15km,
Mw5.2/14,Moment Tensor Solution: s83,c114;
A14,c257; Duration: 0 Moment tensor: Scale 10^16Nm;
Mr=0.22; Mw=6.63; Mw-1.17; Mw0.6:85; Mw-0.55:18;
Mw-2.40:09; Mw0.15:11; Best double couple:
Mw7.178000x10^16 NP1:35.000000,388.000000,
1.2.000000. NP2:35.125.000000,388.000000,
1.176.000000. Principal axes: T 7.2730,Plg2.0000,
Azm260.0000;N -0.1850,Plg85.0000,Azm147.0000;
P -7.0840,Plg4.0000,Azm350.0000; nstai refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

NEIC 17 15:30:36.3,31:46N:115:63W,h12km,Moment Tensor
Solution: Duration: 280 Moment tensor: Scale 10^16Nm;
Mr=0.33; Mw=6.91; Mw=6.58; Mw-1.17; Mw-2.07; Mw-0.04;
Fault plane solution: Mw7.150000x10^16 NP1:36.140000,
383.080000,1.5.210000. NP2:36.126.760000,384.830000,
1.173.050000. Principal axes: T 6.8898,Plg1.0000,
Azm261.0000;N 0.5019,Plg81.0000,Azm163.0000;P
-7.3917,Plg9.0000,Azm352.0000

GFZ 17 15:30:38.0,31:57N:115:51W,h1km,Mw5.1/32,
Moment Tensor Solution. Moment tensor: Scale 10^16Nm;
Mr=0.31; Mw=5.51; Mw=5.20; Mw-0.03; Mw=-1.99; Mw=-1.16;
Fault plane solution: Mw5.8375x10^16 NP1:
124.24949,380.13510,1.173.17702. NP2:

0:215,42383; 883.27837; 1.9.93386. Principal axes: T
5.7941,Plg11.7657,Azm80.0705;N 0.0861,
Plg78.0247,Azm249.1790;P -5.8801,Plg2.1996,
Azm349.6122;
GFZ 17 15:30:38.5:0.5,32:N:4 x 11 5W:,h10km,MM.8/22,
mb4.9/22

ISC 17 15:30:35.0:1.2,31:59N:0:03:115:61W:0:03,h3km,7km,
n394,c189/287,mb4.9/96,MS4.5/45,22C-37D,Baja
California

Code Station Name Az AZ Phase ID Time Res
SJJX San Joaquin 0.34 300 Op P 15 30 43.2 +1.7
SJJX SJJX e IAML 15 30 52.0

ALAMX Rancho Alamar 0.42 349 Op P 15 30 42.2 -0.9
ALAMX eS Sg 15 30 49.5 +0.9

ALAMX comp=E,162um,0.5s
ALAMX e IAML 15 30 51.3
ALAMX e IAML 15 30 51.9

ECBX El Chintero 0.49 1041 Op P 15 30 42.1 -2.3
ECBX eS Sg 15 30 49.2 -1.6
ECBX e IAML 15 30 50.2

ESJX Sierra Juarez 0.50 325 IAML P 15 30 43.2 -1.4
ESJX comp=N,100um,0.5s
ESJX e IAML 15 30 56.4

ESJX Sierra Juarez 0.50 325 Sg 15 30 50.9 -0.3
SV2X San Vicente 0.59 245 Op P 15 30 42.7 -3.5
SV2X eS Sg 15 30 50.2 -3.7

RHX Rio Hardy 0.61 271 Op P 15 30 45.6 -1.1
AGSX Ejo, Aguas Cal 0.78 301 Op P 15 30 48.9 -0.9

AGSX Rito Sonora 0.80 441 Op P 15 30 00.9 +1.0
RTX Rito Sonora 0.80 44 Op P 15 30 49.5 -0.8
EDOMX El Doctor, EDO 0.82 63 Op P 15 30 49.4 -1.4

EDOMX El Doctor, EDO 0.82 63 Op P 15 30 50.0 -0.8
EDOMX Guadalupe Vict 0.84 33 Op P 15 30 50.1 -1.1
EDOMX Guadalupe Vict 0.84 33 Op P 15 30 50.4 -1.7

CCX Cicese 0.84 287 Op P 15 30 50.1 -1.1
CCX eS Sg 15 31 02.9 -2.2
CCX e IAML 15 31 05.0

CCX comp=N,30um,0.4s
CCX e IAML 15 31 05.0
CCX comp=E,49um,0.4s
CCX e IAML 15 31 05.9

CCX Cicese 0.94 287 Op P 15 31 05.9 -3.1
CCX comp=E,55um,0.9s
CCX e IAML 15 31 08.1

CCX Jarax EJ, Heriberto 0.94 211 Op P 15 31 02.9 -2.2
JARAX eS Sg 15 31 05.1 -1.7
JARAX eS P 15 31 05.1 -0.2

PBX Punta Banda 0.96 279 Op P 15 31 02.9 -3.0
PTLX Tlaxcala, TLX 0.96 241 Op P 15 31 01.8 -1.7
CJX E. Pescaderos 1.00 33 Op P 15 30 52.1 -2.0

SCX San Quintin 1.04 193 Op P 15 31 07.0 -0.3
SCX eS Sg 15 31 04.7 -5.9
SCX eS Sg 15 31 02.3 -5.9

SOX comp=N,51um,0.4s
SOX e IAML 15 31 04.8
SOX e IAML 15 31 07.1

SOX San Quintin 1.04 193 P 15 31 07.1 -5.9
SOX UABX, Campus M 1.05 81 Op P 15 31 02.6 -5.6
UABX UABX, Campus M 1.05 8 Op P 15 30 53.7 -1.4

SGX Mount Signal 1.06 355 Sg 15 31 09.0 +2.2
SGL 1.08 5 Sg 15 31 09.7 +0.7
5053 Calexico 1.08 5 Sg 15 31 55.5 +0.7

RMX La Rumorosa 1.08 339 Op P 15 31 11.7 +2.0
RMX eS Sg 15 31 02.7 -3.0
RMX eS Sg 15 31 11.3 -3.0

RMX comp=N,42um,0.6s
RMX e IAML 15 31 11.3
RMX e IAML 15 31 13.6
RMX comp=E,54um,0.9s
RMX La Rumorosa 1.08 339 P 15 30 52.8 -3.0

YUH Yuha Desert 1.09 346 IAML Sg 15 31 07.3 -2.5
YUH comp=N,29um,0.5s
YUH IAML 15 30 57.9

YUH comp=N,29um,0.5s
YUH IAML 15 31 11.7
YUH2 Yuha Desert 1.09 346 Op P 15 30 53.6 -2.8
YUCAX Ejo Yucatan 1.10 23 Op P 15 30 54.0 -2.2

IKP In-Ko-Pah, Jac 1.14 338 Op P 15 30 54.8 -2.6
IKP In-Ko-Pah, Jac 1.14 338 Op P 15 30 54.7 -2.6
IKP In-Ko-Pah, Jac 1.14 338 Op P 15 31 10.5 -2.1

CBX Cerro Bola 1.15 309 Op P 15 30 54.8 -2.6
CBX eS Sg 15 30 54.4 -2.6
CBX e IAML 15 31 18.5
CBX comp=E,134um,0.9s
CBX Cerro Bola 1.15 309 Op P 15 30 54.1 -3.9

CBX Cerro Bola 1.15 309 Op P 15 31 10.0 -2.9
CBX Westside Schoo 1.17 355 Op P 15 30 54.0 -2.2
WESC Westside Schoo 1.17 355 Op P 15 30 55.0 -2.8

DREC Desert Rsrch C 1.22 71 Op P 15 31 14.1 +0.7
TJG Tijuana 1.23 313 Op P 15 30 55.5 -3.8
TJG eS Sg 15 31 12.2 -3.1

TJG comp=E,46um,0.3s
TJG e IAML 15 31 14.0
TJG Tijuana 1.23 313 Op P 15 31 15.6 -3.6
TJG Tijuana 1.23 313 Op P 15 31 22.1 -3.2

TJG Tijuana 1.23 313 Op P 15 30 55.9 -3.5
TJG Tijuana 1.23 313 Op P 15 31 12.1 -3.2
TJG Tijuana 1.23 313 Op P 15 30 55.6 -3.6

EMSC Cook Ranch 2 1.26 356 Sg 15 31 16.8 +0.7
EMSC East Mesa 1.26 25 Op P 15 30 56.0 -3.5
TKX Tecate 1.29 319 Op P 15 31 14.2 -2.6

TKX Tecate 1.29 319 Op P 15 30 56.9 -3.1
TKX Tecate 1.29 319 Op P 15 31 14.6 -2.4
IMPE Imperial 1.31 2 IAML Sg 15 30 57.3 -2.8

17d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TJX Tijuana, GLA Glamis, and various local and regional stations.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNTX Cornudas Mount, LPNG La Paz, and various local and regional stations.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CMIG Matias Romero, ULM Lac du Bonnet, and various local and regional stations.

17d 16h

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like La Rumorosa, Calexico, Yuhua Desert, Cerro Bola, Westside Schoo, Tijuana, Desert Rsrch C, Cook Ranch 2, Tecate, Carrizo Plain, Barrett, Tijuana, Isla Coronado, San Diego Road, Glamis, Pinacate, Borrego Spring, Mohawk Valley, Big Chuckwale, Pinyon Flats, Blythe, Belle Mtn. Jos, Elsinore Mount, Iron Mountain, Baha de los, Baha de los, Danby, Mesdies, Mount Baldy Ra, Rancho Palos V, Wickenburg, Pasadena Art C, Hualapai Mount, Goldstone, Bar, Mountain Pass, Tropic Hills, Tucson, Isabella, Lake, Wupatki, WUAZ.

NDI 17 16:31:42.3±2.6, 30°71N:96°07E, h10km, ML4.3, MW4.3, Presumed earthquake
IDC 17 16:31:49.0±0.5, 30°33N:94°79E, h0km, mb4.4/26, mbmp4.4/30, ML4.2/4, MS3.3/2, Error ellipse: s-maj=15.2km s-min=11.1km az=39.0
MOS 17 16:31:51.1±0.9, 30°35N:94°85E, h17km, mb5.0/48, Error ellipse: s-maj=7.1km s-min=3.5km az=123.0
NEIC 17 16:31:52.3±1.4, 30°38N:07°94.78E, h10km±1km, mb4.8/179, Error ellipse: s-maj=11.6km s-min=10.6km az=164.0
BUJ 17 16:31:52.4, 30°32N:94°88E, h9km, mb4.8/12, mb4.5/50, ML4.7/17, Ms4.1/31, Ms7.3/30
BGR 17 16:31:53.3, 30°62N:95°92E, h33km, mb5.0
GFZ 17 16:31:53.0±0.2, 30°N:3°9E, h10km, M4.5/23, mb4.7/23
ISC 17 16:31:52.1±0.3, 30°38N:003°94.86E, h10km, n449, a1529/431, mb4.8/175, MS3.6/8, 24C-18D, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ZIRO, LSA, TAWA, TEZPUR, GUWAHATI, Shillong, TAWA, IMP, WUHAN, WHN, HHC, SHLS, PDGK, TARG, HNS, PRZ, UZB, KSH2.

2020 AUG

Main table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like GOMU, MORE, TENGCHONG, AZL, EVN, CD2, KMI2, LZDM, LZH, GAT2, NPW, GYA, CHTO, CMAR, XAN, WMQ, GULI, LYN, BTO2, WUS, WHN, HHC, SHLS, PDGK, TARG, HNS, PRZ, UZB, KSH2.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KSH2, SATY, KDJ, NIL, ZSN, MK31, MKAR, ULH, TNS, MDO, AAA, MAK, BOOM, TIA, TDK, SONM, ULN, TKM2, BJ2, KUU, DGZ, KBK, UCH, KNKR, AAK, FRU1, CHMS, NJ2, OHH, USP, SGDS, DRK, DRK, XLT, MOY, BTK, BTK, BTK, BTK, KBL, DZA, DZA, IRK, IUG, IUG, KK31, KK31, KKAR, CHM.

17d 16h

Table with columns for station name, time, magnitude, and other parameters. Includes stations like Alice Springs, Black Forest, Boreo, etc.

2020 AUG

Table with columns for station name, time, magnitude, and other parameters. Includes stations like Sonseca Array, Dease Lake, Yellowknife Ar, etc.

1012

Table with columns for station name, time, magnitude, and other parameters. Includes stations like El Monte City P, Kingsbay, Spitsbergen Ar, etc.

BER 17 16:47:21.8, 3.5, 79.49N, 2.99E, h10km, Mw3.7, ML2.7(N/AO). Confirmed Earthquake

NAO 17 16:47:23.5, 1.3, 79.73N, 4.34E, h19km, 12km, ML2.7

DNK 17 16:47:23.1, 3.3, 79.32N, 3.21E, h29km, 29km, ML1.8, Presumed earthquake

FCIAR 17 16:47:25.0, 79.48N, 3.48E, h10km, station OMEGA has station magnitude of 3.50

KOLA 17 16:47:27.3, 79.07N, 5.04E, h0km, ML2.4, Greenland sea, Knipovich ridge, north

ISC 17 16:47:50.1, 79.35N, 0.06, 3.00E, 0.05, h10km, 13km, n28, c23/50, 1C, Greenland Sea

Table with columns for Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Kingsbay, Barentsburg B, Spitsbergen Ar, etc.

IDC 17 16:52:24.3, 1.3, 48.91N, 154.66E, h0km, mb3.5/2, mbtmp3.6/5, ML3.0/2, MS2.6/1, Error ellipse: s-maj=38.2km s-min=17.2km az=118.0

KRSC 17 16:52:29.7, 2.0, 49.05N, 156.50E, h8km, 32km, M1.3, SKHL 17 16:52:29.6, 0.4, 48.90N, 155.50E, h70km, 8km, mb4.9/4

MOS 17 16:52:30.3, 0.8, 49.07N, 155.16E, h66km, mb4.0/4, Error ellipse: s-maj=15.9km s-min=4.6km az=71.9

ISC 17 16:52:29.6, 0.9, 48.95N, 155.39E, 0.10, h51km, n79, e1986/90, mb3.6/5, 1D, Kuril Islands

Table with columns for Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Severo-Kuril's, Daneborg, etc.

KSR5	Korea Array	14.44 307	Pn	Pn	18 22 33.5	+3.5
0.2nm,0.3s,baz=119,slow=10,SNR=6.2						
KSR5			LR	LR	18 28 12.7	
comp-Z:56nm,18.7s,baz=110,slow=98						
0.5nm,0.5s						
KSR5			AML	AML		
JKA	Kamikawa-asahi	14.60 1	Pn	Pn	18 22 28.3	-3.9
GUMO	Guam	15.95 171	LR	LR	18 27 47.5	
comp-Z:53nm,21.4s,baz=87,slow=33						
0.5nm,0.5s						
MDJ	Mudanjiang	18.19 330	Pn	Pn	18 23 16.6	-1.4
NACB	Ninganchiao	18.29 259	P	P	18 23 26.9	-3.4
NACB			IAMB	IAMB	18 24 05.3	
comp-Z:29nm,1.4s						
YHNB	Yeheng	19.30 261	P	P	18 23 27.6	-3.0
YHNB			IAMB	IAMB	18 23 59.3	
comp-Z:34nm,1.2s						
YULB	Yu-li	19.82 257	P	P	18 23 35.3	-0.9
YULB			IAMB	IAMB	18 23 56.8	
comp-Z:28nm,1.4s						
SSLB	Suanglung	19.97 259	P	Pn	18 23 39.4	-0.2
SSLB			IAMB	IAMB	18 24 23.0	
comp-Z:16nm,0.9s						
KLR	Kul'dur	21.32 341	P	P	18 23 54.8	+2.7
comp-Z:1.1nm,0.4s,baz=142,slow=13,SNR=4.0						
comp-Z:1.1nm,0.4s						
PETK	Petrovskovsk-	26.14 21	P	P	18 24 37.0	-2.4
HIA	Hailar	26.21 325	P	P	18 24 40.0	-0.1
HILR	Hailar Array B	26.40 326	P	P	18 24 43.9	+2.1
comp-Z:0.5nm,0.5s,baz=129,slow=9.8,SNR=7.0						
comp-Z:2.3nm,0.5s						
ULN	Ulaanbaatar	32.75 314	P	P	18 25 39.9	+1.6
ULN			IAMB	IAMB	18 25 41.0	
comp-Z:5.2nm,1.2s						
SOMN	Songino Array	33.15 314	P	P	18 25 43.7	+2.0
comp-Z:1.1nm,0.6s,baz=115,slow=8.0,SNR=6.5						
comp-Z:1.1nm,0.6s						
SOMN	Songino Array	33.15 314	P	P	18 25 42.3	+0.6
TOLJ	Toitoid	34.92 220	P	P	18 25 28.0	+0.5
CHTO	Chiang Mai	40.83 265	P	P	18 26 46.1	-1.0
CMAR	Chiang Mai Arr	40.97 264	P	P	18 26 47.9	-0.5
comp-Z:0.6nm,0.6s,baz=57,slow=6.7,SNR=5.6						
comp-Z:0.6nm,0.6s						
COEN	Coen	43.20 179	P	P	18 27 07.7	+1.3
COEN			IAMB	IAMB	18 27 22.0	
comp-Z:1.1nm,1.5s						
MTN	Maniton Dam	43.47 196	P	P	18 27 07.5	-1.0
MTN			IAMB	IAMB	18 27 10.0	
comp-Z:1.1nm,1.4s						
KULM	Kulim	46.15 247	P	P	18 27 29.9	-0.2
KNRA	Kununura	46.79 198	P	P	18 27 33.1	-1.8
KNRA			IAMB	IAMB	18 27 43.7	
comp-Z:8.5nm,1.5s						
ZAAO	Zalesovo Array	47.82 318	P	P	18 27 43.6	+1.0
ZALV	Zalesovo Beam	47.82 318	P	P	18 27 43.9	+1.3
comp-Z:1.6nm,0.4s,baz=85,slow=8.7,SNR=9.7						
comp-Z:1.6nm,0.4s						
MKAR	Makanski Array	49.12 308	P	P	18 27 53.6	+0.8
comp-Z:1.0nm,0.5s,baz=92,slow=8.5,SNR=15						
comp-Z:1.0nm,0.5s						
MKAR	Makanski Array	49.12 308	P	P	18 27 53.0	+0.2
WBD	Warrunguna Arr	49.57 190	P	P	18 27 56.0	-0.4
WBD			IAMB	IAMB	18 28 09.3	
comp-Z:5.4nm,0.8s						
WR8	Warrunguna Arr	47.94 190	P	P	18 27 57.5	-0.2
WR8			IAMB	IAMB	18 28 10.3	
comp-Z:4.6nm,0.7s						
WR8	Tennant Creek	49.74 190	P	P	18 27 57.4	-0.3
WRA	Warrunguna Arr	49.75 190	P	P	18 27 57.4	-0.4
comp-Z:4.2nm,0.8s,baz=8.8,slow=7.9,SNR=36						
comp-Z:4.2nm,0.8s						
WRA	Warrunguna Arr	49.75 190	P	P	18 27 57.7	-0.1
WRA			IAMB	IAMB	18 28 07.1	-0.2
comp-Z:4.2nm,0.8s						
WARRA	Warrunguna Array	49.75 190	P	P	18 28 10.8	+0.4
GSI	Gunungitsil	50.95 245	P	P	18 28 10.8	+0.4
KURK	Kurchatov	51.46 313	P	P	18 28 25.2	
KURK			IAMB	IAMB	18 28 25.2	
comp-Z:7.5nm,1.1s						
C19K	Lookout Ridge	51.48 23	P	P	18 28 11.6	+1.3
KURB	Kurchatov Arr	51.52 313	P	P	18 28 12.1	+1.2
comp-Z:2.5nm,0.4s,baz=92,slow=7.1,SNR=29						
comp-Z:2.5nm,0.4s						
WUBS	Wushi	51.80 301	P	P	18 28 13.9	+0.6
E19K	Redstone River	51.83 25	P	P	18 28 13.4	+0.5
E19K			IAMB	IAMB	18 28 33.8	
comp-Z:3.1nm,0.9s						
AS31	Alice Springs	53.48 190	P	P	18 28 24.4	-1.2
ASAR	Alice Springs	53.48 190	P	P	18 28 25.1	-0.5
comp-Z:0.8nm,0.7s,baz=28,slow=5.1,SNR=14						
comp-Z:0.8nm,0.7s						
ASAR	Alice Springs	53.48 190	P	P	18 28 24.5	-1.1
ASAR			IAMB	IAMB	18 28 40.1	0.0
comp-Z:0.7nm,1.0s,baz=261,slow=6.6,SNR=5.3						
comp-Z:0.7nm,1.0s						
ILAR	Eielson Array	55.54 29	P	P	18 28 40.5	+0.3
F25K	Christiane River	56.23 26	P	P	18 28 47.0	+1.9
F25K			IAMB	IAMB	18 28 50.3	
comp-Z:3.9nm,1.3s						
E25K	Arctic Village	56.30 25	P	P	18 28 46.9	+1.3
E25K			IAMB	IAMB	18 29 09.6	
comp-Z:8.1nm,1.4s						
BVAR	Borovoye Array	56.42 316	P	P	18 28 47.9	+1.3
comp-Z:0.4nm,0.6s,baz=307,slow=7.2,SNR=42						
comp-Z:5.8nm,0.6s						
H27K	Steamboat Moun	57.81 28	P	P	18 28 57.5	+1.2
H27K			IAMB	IAMB	18 29 00.1	
comp-Z:3.6nm,1.2s						
KK31	Karatay Array	57.85 305	IAMB	IAMB	18 28 58.5	
comp-Z:7.2nm,1.1s						
KKAR	Karatay Array	57.85 305	P	P	18 28 57.5	+0.6
LOGN	Logan Glacier	58.27 34	IAMB	IAMB	18 29 57.1	
comp-Z:3.4nm,0.7s						
O30N	Mendenhall	60.67 34	P	P	18 29 14.2	-2.0
O30N			IAMB	IAMB	18 29 20.4	
comp-Z:3.1nm,0.7s						
ARTI	Arti	62.76 322	P	P	18 29 30.2	0.0
ABKAR	Abkulkat array	63.57 314	P	P	18 29 35.6	-0.1
YKA	Yellowknife Arr	69.96 29	P	P	18 30 16.0	-0.2
comp-Z:0.6nm,0.9s,baz=298,slow=6.6,SNR=3.6						
comp-Z:0.6nm,0.9s						
FINES	FINES Array B	75.89 334	P	P	18 30 52.0	+0.6
comp-Z:2.4nm,0.9s,baz=66,slow=6.5,SNR=5.8						
comp-Z:2.4nm,0.9s						
FINES	FINES Array B	75.89 334	P	P	18 30 50.7	-0.7
KBZ	Khabaz	75.81 313	P	P	18 30 57.0	+1.8
comp-Z:1.3nm,0.7s,baz=30,slow=3.1,SNR=3.9						
comp-Z:1.3nm,0.7s						
KVAR	Kislovodsk Arr	76.54 313	LR	LR	19 07 01.4	
comp-Z:3.8nm,21.5s,baz=96,slow=36						
NOAR	NORSA Array B	81.46 338	P	P	18 31 24.6	+2.5
comp-Z:0.3nm,0.7s,baz=44,slow=5.6,SNR=2.0						
comp-Z:0.3nm,0.7s						
PDAR	Pinedale Array	82.40 45	P	P	18 31 28.7	+1.1
comp-Z:0.4nm,0.8s,baz=307,slow=1.4,SNR=2.1						
comp-Z:0.4nm,0.8s						
BRTR	Keskin Array B	84.51 313	P	P	18 31 40.0	+1.6
comp-Z:0.9nm,0.7s,baz=103,slow=3.4,SNR=5.5						
comp-Z:0.9nm,0.7s						
BRTR	Keskin Array B	84.51 313	P	P	18 31 38.1	-0.3
TXAR	Lajitas Array	94.03 53	P	P	18 32 25.2	+1.4
comp-Z:0.9nm,0.9s,baz=294,slow=2.0,SNR=6.6						
comp-Z:0.9nm,0.9s						
TXAR	Lajitas Array	94.03 53	P	P	18 32 23.8	0.0

LOMA	Loma Larga	0.70 97	P	Pn	18 23 40.2	0.0
LOMA			Sn	Sn	18 23 57.7	+2.1
FG16	Alotenango, Sa	0.81 311	i	S	18 23 58.2	+4.2
MT03	Montecristo	0.83 37	P	Pn	18 23 40.3	-1.5
MT03			S	S	18 23 53.4	-1.1
MT03	Montecristo	0.83 37	i	S	18 23 40.3	-1.5
FG8	Yepocapa, Chim	0.84 309	i	P	18 23 41.5	-0.3
PAVA	Las Pavas	0.92 91	P	Pn	18 23 41.6	-1.1
COEG	Centro de Oper	0.98 96	S	S	18 23 59.2	+1.9
SARH	Santa Rosa de	1.50 46	P	Pn	18 23 48.9	-1.2
PACA	Pacayal	1.54 100	P	Pn	18 23 47.7	-0.8
PACA			S	S	18 24 14.5	+4.5
STG8	El Palmar, Qui	1.59 297	i	P	18 23 53.0	-1.1
CNCH	Conchagua	2.04 103	P	Pn	18 23 55.5	-1.7
CNCH			S	S	18 24 23.3	+1.3
CSGN	Cosiguina Volc	2.38 108	P	Pn	18 24 00.1	-1.7
CSGN			S	S	18 24 30.7	+0.6
CRIN	San Cristobal	2.94 110	P	Pn	18 24 08.1	-1.0
QUEN	Al S del Volca	3.16 111	P	Pn	18 24 10.8	-1.5
QUEN	Volcan Telica	3.17 110	P	Pn	18 24 11.1	-1.4
TEL3	Telica 3	3.18 111	P	Pn	18 24 11.3	-1.2
HOYN	Al Sur del Vol	3.18 110	P	Pn	18 24 10.9	-1.6
HOYN			S	S	18 24 50.0	+0.5
CNGA	Al SSO del Vol	3.33 111	P	Pn	18 24 12.8	-1.8
CNGA	Cerro Negro	3.33 111	P	Pn	18 24 12.2	-2.4

IDC 17 18:29:41.2,1.3,52.76S;27.56E,h0km,mb3.8/7,
 mbtmp3.8/7,Error ellipse: s-maj=58.8km s-min=21.4km
 az=76.0
 ISC 17 18:29:43.2,1.2,52.85S;0.2;27.4E;0.4,h13km,n7,c0#79/7,
 mb3.7/9,South of Africa

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
SUR	Sutherland	20.93 344	P	P	18 34 25.6	-0.1	
comp-Z:1.0s,baz=113,slow=8.8,SNR=2.5							
MAW	Mawson	22.59 145	P	P	18 34 43.4	+0.4	
comp-Z:2.1nm,0.9s,baz=272,slow=14,SNR=5.3							
BOSA	Boshof	24.18 355	P	P	18 34 59.8	+0.5	
comp-Z:2.5nm,0.6							

17d 19h

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Table with columns: WRA, Warramunga Arr, 13.49 164 P, Pn, 18 48 18.1 +0.4

GCG 17 19:32:44.6.0.8, 12.99N, 88.45W, h21km, 6km, MD5.2, ML4.9, Presumed earthquake

Table with columns: APG, El Apazote, 3.25 316 i P, Pn, 19 33 28.9 +1.0

SKHL 17 19:10:43.7-0.3, 43.80N, 147.50E, h66km, 3km, mb4.7/3 SKHL Felt (III) at Malokuni's Ridge

ISC 17 19:32:39.0.0.2, 12.68N, 0.03-88.12W, 0.03, h77km, 3km, n511, c154/394, mb4.8/200, 13C-18D, Off coast of Central America

comp=N, 24nm, 21.3s, baz=30, slow=34

MOS 17 19:10:45.9, 1.3, 44.06N, 146.99E, h50km, mb4.0/2, Error ellipse: s-maj=17.4km s-min=16.2km az=57.3

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

comp=N, 141nm, 0.4s, baz=277, slow=20, SNR=3.5

Main data table for station 17d 19h, listing station names like SHO, YUK, NEM, etc. and their corresponding seismic data.

Main data table for station 17d 19h, listing station names like INTP, CSNG, etc. and their corresponding seismic data.

Main data table for station 17d 19h, listing station names like APG, SIUN, etc. and their corresponding seismic data.

NEIC 17 19:32:40.2-2.2, 12.70N, 0.06-88.07W, 0.06, h76km, 4km, mb4.8/395, Error ellipse: s-maj=9.9km s-min=6.7km az=217.0

APG comp=N, 9.8nm, 0.4s, baz=87, slow=13, SNR=4.2

TXAR comp=N, 199m, 0.9s, baz=138, slow=8, SNR=92

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Fremont Peak, Fort Ord Natur, Salinas Radio, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Katashina, Ryogami san, Yanaizu, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SKR, SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like YAT, YAT, YAT, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like YUK, YUK, YUK, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like YUK, YUK, YUK, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time Res, Res ISC. Includes stations like CEDA San Andres, PGMG San Vicente Pa, PMON Piamonte, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time Res, Res ISC. Includes stations like PV19 Morning Glory, PV10 Lion Creek, PV14 Pinyon Flats, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time Res, Res ISC. Includes stations like MORI Morici, MORI Hvar, MORI Ricice, etc.

IBAJ			eS	Sn	00 04 45.1 -0.6
TKBP	Tagbilaran	2.32 187	eP	Pn	00 04 24.0 -2.8
TBP			iS	Pn	00 04 53.1 -2.2
GQP	Guinayanang	2.50 319	eP	Pn	00 04 28.0 -1.3
GCP			eS	Sn	00 05 01.4 +1.6
SCPH	Surigao	2.58 149	eP	Pn	00 04 29.9 -1.4
BOAC	Boac	2.66 303	eP	Sb	00 05 06.3 -0.5
BOAC			eP	Pn	00 04 29.1 -2.4
SNPH	Sibulan	2.79 199	iP	Pn	00 04 58.2 -5.5
SNPH			eP	Pn	00 04 30.3 -3.0
GLSP	General Luna,	2.95 138	iP	Sb	00 05 15.2 +2.3
DCPH	Dipolog City	3.49 193	eP	Sg	00 05 26.1 +2.4
DCPH			iS	Pn	00 04 41.2 -1.7
CGP	Cagayan de Oro	3.58 171	iP	Sg	00 04 43.5 -0.6
TSSP	Tandag City	3.58 145	eP	Sg	00 05 45.9 +2.3
TSSP			eS	Sg	00 05 45.8 +2.8
TIRP	Brgy. Gulod. B	3.67 310	eP	Sg	00 05 41.8 -1.9
TIRP			eS	Pn	00 04 43.5 -1.9
TGY	Tagaytay City	3.75 304	eP	Sn	00 05 27.2 -1.6
LUBP	Lubang	4.16 295	iP	Pn	00 04 46.1 -0.4
LUBP			iS	Sb	00 04 49.8 +2.3
RTBP	Dona Remedios	4.19 315	iP	Sb	00 05 50.7 -1.5
RTBP			eS	Pn	00 04 51.2 -1.3
BIPH	Bislig	4.39 150	eP	Sb	00 05 53.7 +0.7
BIPH			eS	Pn	00 04 57.6 +2.4
CAAP	Casiguran, Aur	4.64 334	eP	Sn	00 05 50.3 +3.9
CTBP	Cotabato-PC H	4.76 179	eP	Pn	00 05 56.7 +2.0
KCP	Kidapawan	5.06 169	eP	Pn	00 05 00.7 +0.4
DAV	Davao City (W)	5.11 164	Pn	Pn	00 05 06.6 -3.9
DAV	38nm, 0.3s, baz=2.9, slow=3, SNR=25		Pn	Pn	00 05 06.6 +1.4
DAV	baz=68, slow=20		Lg	Lg	00 06 24.6
DAV	comp=Z, 1766um, 19.0s, baz=333, slow=45, 248nm, 0.5s		LR	LR	00 07 33.2
DAV	Davao City (W)	5.11 164	P	Pn	00 05 06.8 +1.6
DAV	Davao City (W)	5.11 164	P	Pn	00 05 09.7 +4.5
DAV	Davao City (W)	5.11 164	P	Pn	00 05 07.0 +0.5
DAV	Davao City (W)	5.11 164	iP	Pn	00 05 07.8 +2.6
DAV	Davao City (W)	5.11 164	iP	Pb	00 05 05.5 +0.2
DAV	Davao City (W)	5.11 164	P	Pb	00 05 12.6 -5.5
DAV	Davao City (W)	5.11 164	P	Pn	00 05 06.6 +1.4
DAV	Davao City (W)	5.11 164	P	Pn	00 05 08.0 +2.8
ZCP	Zamboanga City	5.44 202	eP	Pn	00 05 10.6 +0.9
ZCP			eS	Pn	00 05 18.4 +6.1
PPR	Puerto Princes	5.75 248	iP	Pn	00 05 13.8 -0.8
GSPH	General Santos	5.94 172	iP	Pn	00 05 22.4 +5.7
GSPH			iS	Sb	00 06 44.1 +0.5
DDMP	Don Marcelino,	6.07 165	eP	Sg	00 05 17.8 -0.6
DDMP			eS	Sg	00 06 59.0 -4.7
CVP	Cailao Caves	6.08 339	eP	Pn	00 05 18.2 -0.3
SZP	Santa	6.56 328	P	Pn	00 05 27.8 +2.7
CICP	Calayan Island	7.65 341	eP	Pn	00 05 38.5 -1.6
CICP			eS	Sb	00 07 21.6 -1.1
KKM	Kota Kinabalu	9.81 234	P	Pn	00 06 09.5 -0.4
KKM	Kota Kinabalu	9.81 234	P	Pn	00 06 09.9 -0.0
KKM	Kota Kinabalu	9.81 234	P	Pn	00 06 12.8 +2.9
KKM	Kota Kinabalu	9.81 234	iP	Pn	00 06 12.4 +2.5
KKM	Kota Kinabalu	9.81 234	P	Pn	00 06 12.9 +2.9
MNI	Manado	10.52 176	P	Pn	00 06 24.2 +4.7
MNI	comp=Z, 104umcomp=Z, 149umcomp=Z, 53umcomp=Z, 53umcomp=Z, 2um, 2.7s, comp=Z, 2um, 2.7s		Pn	Pn	00 06 24.6 +2.1
GAMI	Galela, Maluku	10.74 160	P	Pn	00 06 24.6 +2.1
GAMI	comp=Z, 426umcomp=Z, 426umcomp=Z, 648nm, 1.5s, comp=Z, 548nm, 1.5s		Pn	Pn	00 06 35.6 +1.2
TARAI	Tarakan	10.80 218	P	Pn	00 06 30.4 +2.5
TWGTB	Beinan	11.13 345	P	Pn	00 08 35.9 +3.4
TWGTB	Beinan	11.13 345	S	Pn	00 06 27.0 -0.9
TWG	Pinlang	11.14 345	P	Pn	00 06 37.9 +0.9
TWG	Pinlang	11.14 345	P	Pn	00 06 30.9 +3.0
TOLIZ	Toiltoil	11.33 197	P	Pn	00 06 30.2 -0.4
TOLIZ	Toiltoil	11.33 197	S	Pn	00 06 35.8 -1.5
TOLIZ	Toiltoil	11.33 197	P	Pn	00 06 30.5 -0.1
GTOTI	Gorontalo	11.36 186	P	Pn	00 06 28.8 -2.1
TNTI	Ternate	11.62 164	S	Pn	00 06 34.6 +0.1
TNTI	Ternate	11.62 164	S	Pn	00 08 46.0 +1.6
TNTI	Ternate	11.62 164	P	Pn	00 06 33.5 -1.0
TNTI	Ternate	11.62 164	P	Pn	00 06 35.5 +1.0
TNTI	Ternate	11.62 164	P	Pn	00 06 35.5 +1.0
TNTI	Ternate	11.62 164	P	Pn	00 06 35.4 +0.8
YULB	Yu-ii	11.64 347	P	Pn	00 06 35.3 +0.5
YULB	Yu-ii	11.64 347	S	Pn	00 08 48.6 +3.8
YULB	Yu-ii	11.64 347	S	Pn	00 06 34.7 +1.3
YULB	Yu-ii	11.64 347	P	Pn	00 06 35.9 +1.1
YULB	Yu-ii	11.64 347	P	Pn	00 06 35.9 +1.1
TPUB	Ta-pu	11.71 344	P	Pn	00 06 37.2 +1.4
TPUB	Ta-pu	11.71 344	S	Pn	00 08 49.8 +3.1
TPUB	Ta-pu	11.71 344	P	Pn	00 06 35.4 +0.4
TPUB	Ta-pu	11.71 344	P	Pn	00 06 36.3 +0.4
SSLB	Suanglung	12.10 346	P	Pn	00 06 42.1 +1.0
SSLB	Suanglung	12.10 346	Pn	Pn	00 06 40.5 -0.6
SSLB	Suanglung	12.10 346	P	Pn	00 06 42.1 +1.0
SSLB	Suanglung	12.10 346	P	Pn	00 06 42.1 +1.0
NACB	Ninganchiao	12.34 349	P	Pn	00 06 45.9 +1.6
NACB	Ninganchiao	12.34 349	P	Pn	00 06 43.8 -0.5
NACB	Ninganchiao	12.34 349	P	Pn	00 06 45.7 +1.4
MPSI	Mapaga	12.34 200	P	Pn	00 06 44.3 -0.1
YOJ	Yonaguni jima	12.43 355	S	Pn	00 06 47.4 +1.8
YOJ	Yonaguni jima	12.43 355	S	Pn	00 09 08.1 +4.0
YOJ	Yonaguni jima	12.43 355	P	Pn	00 06 44.9 -0.7
YOJ	Yonaguni jima	12.43 355	P	Pn	00 06 44.9 -0.7
YOJ	Yonaguni jima	12.43 355	iP	Pn	00 06 44.5 -0.1
YOJ	Yonaguni jima	12.43 355	iP	Pn	00 06 44.2 -1.3
YOJ	Yonaguni jima	12.43 355	P	Pn	00 06 47.8 +2.2
FUSS	Fusho	12.48 348	P	Pn	00 06 44.9 -1.6
JMJ	Miyako jima 2	12.78 5	P	Pn	00 06 54.6 +4.2
JMJ	Miyako jima 2	12.78 5	S	Pn	00 09 16.7 +3.9
YHNB	Yeheng	12.86 349	P	Pn	00 06 54.1 +2.6
YHNB	Yeheng	12.86 349	S	Pn	00 09 18.3 +3.5
YHNB	Yeheng	12.86 349	P	Pn	00 06 51.3 -0.2
YHNB	Yeheng	12.86 349	P	Pn	00 06 53.6 +2.1
LWUI	Luwuk	13.04 186	P	Pn	00 06 56.1 +2.1
LWUI	Luwuk	13.04 186	P	Pn	00 06 56.8 +2.8
LWUI	Luwuk	13.04 186	P	Pn	00 09 20.1 -1.4
LWUI	Luwuk	13.04 186	P	Pn	00 06 54.0 +0.7
LWUI	Luwuk	13.04 186	iP	Pn	00 06 54.0 +0.1
LWUI	Luwuk	13.04 186	P	Pn	00 06 57.8 +3.8
LWUI	Luwuk	13.04 186	P	Pn	00 06 57.3 +3.4
LWUI	Luwuk	13.04 186	P	Pn	00 06 57.3 +3.4
APSI	Ampana	13.07 191	P	Pn	00 06 59.2 +4.8
TATO	Taipei	13.14 349	P	Pn	00 06 58.2 +3.0
TATO	Taipei	13.14 349	S	Pn	00 06 58.1 -0.3
TATO	Taipei	13.14 349	P	Pn	00 09 23.3 +1.9
TATO	Taipei	13.14 349	P	Pn	00 06 55.7 +0.5
TATO	Taipei	13.14 349	P	Pn	00 06 55.7 +0.5
TATO	Taipei	13.14 349	P	Pn	00 06 58.7 +3.4
PCI	Pailu	13.52 199	P	Pn	00 07 04.8 +4.2
KNMB	Chin-men Tao	13.53 337	P	Pn	00 06 58.8 -1.8
KNMB	Chin-men Tao	13.53 337	P	Pn	00 06 58.7 -1.9
KNMB	Chin-men Tao	13.53 337	P	Pn	00 07 01.5 +0.9
OZH2	Guangzhou	13.89 339	iP	Pn	00 07 04.8 -0.8
OZH2			S	Pn	00 09 41.0 +1.1
OZH2	comp=Z, 263um, 22.3s		L	L	
OZH2	comp=Z, 483um, 22.0s		L	L	
OZH2	comp=Z, 612um, 19.2s		L	L	
HKC	Hong Kong Po S	13.97 318	iP	Pn	00 07 09.0 +2.4
HKPS	Hong Kong Po S	13.97 318	P	Pn	00 07 08.1 +1.4

HKPS	Hong Kong Po S	13.97 318	Pn	Pn	00 07 06.3 -0.4
HKPS	Hong Kong Po S	13.97 318	P	Pn	00 07 09.0 +2.3
HKPS	Hong Kong Po S	13.97 318	P	Pn	00 07 05.0 +3.8
SANI	Sanana	14.09 172	P	Pn	00 07 05.0 -3.3
SANI	Sanana	14.09 172	P	Pn	00 07 07.8 -0.5
SANI	Sanana	14.09 172	iP	Pn	00 07 02.8 -5.5
SANI	Sanana	14.09 172	P	Pn	00 07 07.5 -2.6
SANI	Sanana	14.09 172	P	Pn	00 07 05.5 -2.9
MCO	Taipei Grande	14.25 316	P	Pn	00 07 11.0 +0.5
SWI	Sorong	14.62 151	P	Pn	00 07 22.6 +0.6
BKB	Balikpapan	15.02 209	P	Pn	00 07 20.4 -0.6
BKB	Balikpapan	15.02 209	P	Pn	00 07 19.6 -1.4
BKB	Balikpapan	15.02 209	iP	Pn	00 07 20.9 -0.1
BKB	Balikpapan	15.02 209	P	Pn	00 07 26.1 -0.3
SBUM	Sibu	15.15 232	P	Pn	00 07 23.9 +1.1
SBUM	Sibu	15.15 232	P	Pn	00 07 22.6 -0.2
SBUM	Sibu	15.15 232	P	Pn	00 07 23.4 +0.6
SBUM	Sibu	15.15 232	iP	Pn	00 07 23.4 +0.6
SBUM	Sibu	15.15 232	P	Pn	00 07 24.3 +1.5
JOW	Kunigami	15.25 14	Pn	Pn	00 07 22.9 -1.1
JOW	comp=Z, 26umcomp=Z, 18umcomp=Z, 413nm, 1.3s, comp=Z, 16umcomp=Z, 3.6nm, 0.3s, baz=170, slow=1, SNR=18		Sn	Sn	00 09 54.0 -1.9
JOW	comp=Z, 1.1nm, 0.3s, baz=346, slow=1, SNR=36		LR	LR	00 12 58.1
JOW	comp=Z, 281um, 19.9s, baz=190, slow=36		LR	LR	
JOW	comp=Z, 73nm, 1.0s		AML	AML	
JOW	Kunigami	15.25 14	P	Pn	00 07 25.2 +1.2
JOW	Kunigami	15.25 14	P	Pn	00 07 24.0 0.0
JOW	Kunigami	15.25 14	P	Pn	00 07 23.2 -0.8
JOW	Kunigami	15.25 14	iP	Pn	00 07 23.8 -0.3
JOW	Kunigami	15.25 14	P	Pn	00 07 24.1 0.0
GZH2	Guangzhou	15.27 321	P	Pn	00 07 23.8 -0.5
GZH2			S	Pn	00 07 13.5 -0.1
GZH2	comp=Z, 528um, 19.2s		L	L	
GZH2	comp=Z, 683um, 19.1s		L	L	
JMZ	Minamidaito 2	15.28 25	P	Pn	00 07 28.7 -0.5
JMZ	Minamidaito 2	15.28 25	P	Pn	00 07 25.2 +0.8
JMZ	Minamidaito 2	15.28 25	P	Pn	00 07 23.0 -1.4
JMZ	Minamidaito 2	15.28 25	iP	Pn	00 07 23.1 -1.2
DLV	Lat	15.31 271	P	Pn	00 07 25.3 +0.2
DLV	Lat	15.31 271	iP	Pn	00 07 24.6 -0.4
DLV	Lat	15.31 271	iP	Pn	00 07 24.4 -0.6
DLV	Lat	15.31 271	P	Pn	00 07 26.3 +1.2
QIZ	Qiongzong	15.43 299	P	Pn	00 07 25.6 -0.9
QIZ			S	Pn	00 10 17.3 -0.2
QIZ	comp=Z, 540nm, 1.6s		pmax	pmax	
QIZ	comp=Z, 33um, 4.9s		L	L	
QIZ	comp=Z, 97um, 12.4s		L	L	
QIZ	comp=Z, 215um, 15.1s		L	L	
QIZ	comp=Z, 248um, 15.5s		Pn	Pn	00 07 25.7 -0.8
QIZ	Qiongzong	15.43 299	Pn	Pn	00 07 25.4 -1.0
QIZ	Qiongzong	15.43 299	Pn	Pn	00 07 23.7 -2.8
NLAI	Namlea	15.44 169	P	Pn	00 07 29.6 -2.2
MMSI	Manjau	15.50 200	P	Pn	00 07 29.6 -2.2
KDI	Kendari	15.94 186	P	Pn	00 07 33.6 +0.6
MWPI	Manolari, Pap	16.19 142	P	Pn	00 07 41.9 +2.5
MWPI	comp=Z, 166umcomp=Z, 166umcomp=Z, 106umcomp=Z, 106umcomp=Z, 2um, 2.3s, comp=Z, 2um, 2.3s		Pn	Pn	00 07 42.5 +2.2
PMSI	Majene	16.26 199	P	Pn	00 07 42.5 +2.2
PMSI	comp=Z, 89umcomp=Z, 89umcomp=Z, 3um, 1.9s, comp=Z, 3um, 1.9s		Pn	Pn	00 07 40.0 -0.3
KKSI	Kojaka, Sulawesi	16.27 189	P	Pn	00 07 40.0 -0.3
SPSI	Sidrap Palu	16.45 196	P	Pn	00 07 43.1 +0.7
SPSI	comp=Z, 47umcomp=Z, 47umcomp=Z, 1um, 1.5s, comp=Z, 1um, 1.5s		Pn	Pn	00 07 47.1 0.0</

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like USP, BHUJ, TOO, KURK, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like TIXI, MSVF, Nonsavu, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like OUZ, ARTI, DMTO, etc.

1800 Oh

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Urewera, Black Hill Sta, Black Stump Fm, Raatuhana, etc.

2020 AUG

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Chernabura Isl, Fog Glacier, Macquarie Isla, etc.

1030

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Kislodvsk, Kislodvsk, Kislodvsk, etc.

18d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like Podgorica, Homborsund, Trest, etc.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like KULLO, CBB, CKRC, etc.

1034

Table with columns for station name, frequency, power, and other technical details. Includes stations like GRA1, Grafenberg Arr, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like G03D McMinville, O, 96.86 41 P, P, 00 17 17.7 -2.4, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like M02C Callahan, 98.72 44 P, P, 00 17 27.6 -1.0, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like SFJD Kangerlussuaq, 101.12 358 P, P, 00 17 38.2 -0.4, etc.

18d Oh

2020 AUG

1036

Table with columns: Name, Comp, Date, Time, Status, and other details. Includes entries like TROLL, POLO, PVL, etc.

Table with columns: Name, Comp, Date, Time, Status, and other details. Includes entries like TORD, TORO, I45A, etc.

Table with columns: Name, Comp, Date, Time, Status, and other details. Includes entries like P48A, PMAR, P48A, etc.

18d 2h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VRAC Vranov, SMOL Smolenice, SRO Srobarova, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AKS Akhisar, SOMA Soma-Manisa, GORD Gordes-Manisa, etc.

2020 AUG

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DKL Balikesir, BUHA BUHA, MANIT Manisa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SALTA Salta, SLA San Lorenzo, AF01 San Pedro de A, etc.

1042

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PB02 IPOC Station P, TINO Tinogasta, PB08 IPOC Station P, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BDFB, BDFB Brasilia, CPUP Villa Florida, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PVAQ, PVAQ Obninsk, OBN Obninsk, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SOMN Songo Array, VSU Vasula, ULN Ulanbataar, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Beattyville, Cooper Cave, Calhoun, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Donnelly Dome, Koktuh Hills, Denali Highway, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Mina Array Bea, Lajitas Array, Eielson Array, etc.

IDC 18 05:35:15.9; 2.9, 35; 47N; 71.53E, h0km, mb3.6/6, mbmp3.7/10, ML3.6/4, Error ellipse: s-maj=58.5km s-min=24.3km az=142

NVC 18 05:35:49.7; 4.3, 30; 50N; 71.11E, h93km, 80km, mb3.4, mpV3.9, Error ellipse: s-maj=44.8km s-min=33.4km az=127.0

ISC 18 05:35:36.3; 1.9, 36; 6N; 02:71.4E; 0.1, h111km, n16, r133/13, mb3.6/4, 4C-2D, Afghaniстан-Tajikistan border region

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

IDC 18 05:42:51.1; 1.7, 25; 00S; 179:21W, h148km, 17km, mb3.4/6, mbmp4.0/9, Error ellipse: s-maj=21.9km s-min=15.3km az=83.0

ISC 18 05:42:50.9; 0.6, 24; 96S; 0:07:179:2W; 0.1, h150km, n16, r093/17, mb3.6/6, South of Fiji Islands

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

IDC 18 05:45:05.7; 0.8, 9; 56S; 119:06E, h0km, mb4.0/8, mbmp4.0/12, ML3.9/4, Error ellipse: s-maj=31.1km s-min=11.4km az=72.0

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

mb4.5/14, Error ellipse: s-maj=23.6km s-min=11.7km
az=125.0
ISC 18 09:20:19.0-1.3, 11.84N, 0.003:124.17E, 0.03, h7km, 9km,
n71, c131/72, mb4.3/25, MS3.5/19, Leyte

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CNP	Cataman	0.82	36	Op	19 20 35.3	+0.3
CNP	Cataman			Pb	19 20 35.3	+1.0
PLP	Palo	1.04	130	eP	19 20 40.4	+0.4
PLP	Palo			Pn	19 20 40.4	+0.4
CADP	Cadiz City	1.26	223	iP	19 20 41.9	-1.3
CADP	Cadiz City			Sg	19 20 41.9	-1.3
BESB	Borongan	1.26	101	eP	19 20 43.5	+0.4
BESB	Borongan			Pn	19 20 43.5	+0.4
LLP	Lapu-Lapu	1.53	188	eP	19 20 46.1	-0.6
LLP	Lapu-Lapu			Pn	19 20 46.1	-0.6
IBAJ	Ibajay, Aklan	1.96	270	eP	19 20 50.0	+0.8
IBAJ	Ibajay, Aklan			Sn	19 20 50.0	+0.8
TBP	Tagbilaran	2.16	188	eP	19 20 56.1	+0.6
TBP	Tagbilaran			Sn	19 20 56.1	+0.6
SCPH	Surigao	2.42	148	eP	19 20 59.2	+0.2
SNPH	Sibulan	2.65	200	iP	19 20 53.2	+1.3
SNPH	Sibulan			Sg	19 20 53.2	+1.3
BOAC	Boac	2.78	306	eP	19 21 03.7	+0.2
BOAC	Boac			Sn	19 21 03.7	+0.2
GLSP	General Luna,	2.80	137	eP	19 21 08.3	-1.1
GLSP	General Luna,			Sg	19 21 08.3	-1.1
DCPH	Dipolog City	3.34	194	eP	19 21 17.7	+0.0
CGP	Cagayan de Oro	3.41	171	eP	19 21 24.1	-0.2
CGP	Cagayan de Oro			Pg	19 21 24.1	-0.2
TSSP	Tandag City	3.42	144	eP	19 22 06.9	-1.6
TSSP	Tandag City			Pb	19 22 06.9	-1.6
TIRP	Brgy. Gulod. B	3.81	311	eP	19 22 01.9	+0.1
TIRP	Brgy. Gulod. B			Sg	19 22 01.9	+0.1
TIRP	Brgy. Gulod. B			Pn	19 22 01.9	+0.1
TIRP	Brgy. Gulod. B			Sb	19 22 01.9	+0.1
TGY	Tagaytay City	3.87	300	eP	19 21 20.3	+1.2
BIPH	Biglis	4.22	149	eP	19 21 35.3	+1.4
BIPH	Biglis			Sb	19 21 35.3	+1.4
BIFH		4.32	316	eP	19 21 25.6	+0.2
RTBP	Dona Remedios	4.33	316	eP	19 22 33.6	+5.4
RTBP	Dona Remedios			Sb	19 22 33.6	+5.4
GUMO	Guam	20.26	63	LR	19 30 58.5	
JNU	Chiang Mai Arr	25.21	288	P	19 33 05.5	
CMAR	Chiang Mai Arr	25.21	288	P	19 35 44.9	-0.7
CMAR	Chiang Mai Arr			LR	19 36 41.3	
KSRS	Korea Array	25.72	7	P	19 25 49.0	-1.0
KSRS	Korea Array			LR	19 36 19.9	
MJAR	Matsushiro Arr	27.66	25	P	19 26 05.3	-2.3
MJAR	Matsushiro Arr			LR	19 35 25.4	
BRDH	Bariadha	32.81	294	LR	19 40 36.0	
WRA	Warrungga Arr	33.13	162	P	19 26 55.9	-0.3
WRA	Warrungga Arr			PcP	19 29 38.0	-1.5
WRA	Warrungga Arr			LR	19 42 25.9	
WRA	Warrungga Arr			LR	19 42 25.9	
WRA	Warrungga Arr			P	19 26 56.5	+0.4
AS31	Alice Springs	36.55	165	P	19 27 25.9	+0.2
AS31	Alice Springs	36.55	165	P	19 27 26.1	+0.5
ASAR	Alice Springs	36.55	165	PcP	19 29 47.8	-1.5
SOMM	Songino Array	38.85	341	P	19 27 45.7	+0.7
SOMM	Songino Array			LR	19 43 06.6	
HNR	Honiara	41.37	119	LR	19 47 03.7	
TLY	Talaya	43.08	341	LR	19 28 48.2	+0.5
STKA	Stevens Creek	46.56	159	P	19 29 07.9	+0.8
PETK	Petrovlovsk-	49.10	26	P	19 50 57.0	
PETK	Petrovlovsk-			LR	19 50 57.0	
PETK	Petrovlovsk-			P	19 29 05.9	-1.2
MKAR	Makanchi Array	49.54	323	P	19 29 11.2	+0.6
MKAR	Makanchi Array			PcP	19 30 33.1	+0.7
MKAR	Makanchi Array			P	19 29 10.5	-0.1
PDGK	Podgornoye	49.66	318	P	19 29 11.4	-0.3
NIL	Nihoa	51.15	304	P	19 29 22.9	-0.2
ZALV	Zalesovo Beam	52.27	332	P	19 29 31.5	+0.5
ZALV	Zalesovo Beam			P	19 29 30.4	-0.6
KURK	Kurchatov	53.62	326	P	19 29 41.1	+0.1
KURK	Kurchatov			Iamb	19 29 43.2	
KURB	Kurchatov Arra	53.62	326	P	19 29 41.1	+0.1
KK31	Karatay Array	55.69	314	Iamb	19 29 56.1	-0.2
KK31	Karatay Array			Iamb	19 29 58.5	
KKAR	Kararay Array	55.69	314	P	19 29 56.5	+0.3
BHEM	Shemva Is, Ala	56.97	34	LR	19 30 12.6	
SHV	Borovoye Array	59.21	325	P	19 30 21.0	+0.1
BORK	Borovoye	59.25	325	P	19 30 20.9	-0.3
BORK	Borovoye			Iamb	19 30 23.2	
MSVF	Nonsavu	60.77	118	LR	19 53 19.4	
AB31	Akbulak array	64.35	319	Iamb	19 30 55.4	-0.2
AB31	Akbulak array			Iamb	19 30 57.6	
URZ	Urewera	70.20	138	LR	19 01 57.1	
RAYN	Ar Rayn	75.08	291	P	19 32 02.3	0.0
RAYN	Ar Rayn			Iamb	19 32 03.7	
IMAR	Indian Mountain	76.04	25	P	19 32 06.3	-0.6
D22K	Castle Rocks	76.56	22	P	19 32 09.8	-0.1
CAS	Castle Rocks	76.70	27	Iamb	19 32 14.4	
D25K	Kavik River	78.82	21	P	19 32 22.0	-0.4
D25K	Kavik River			Iamb	19 32 25.9	
ILAR	Eielson Array	78.27	23	P	19 32 23.3	+0.2
F28M	Old Crow	81.41	23	Iamb	19 32 39.4	
ARCES	ARCCESS Array B	82.01	339	P	19 32 39.8	+0.2
ARCES	ARCCESS Array B			LR	19 32 40.4	+0.8
MMAI	Mount Meron Ar	82.63	302	LR	19 10 27.0	
BRTR	Keskin Array B	82.95	309	LR	19 10 43.3	
FINES	FINES Array B	83.54	331	P	19 32 47.8	+0.1
FINES	FINES Array B			P	19 32 47.8	+0.1
FINES	FINES Array B			LR	19 32 47.8	+0.1
EIL	Eilat	83.57	299	LR	19 10 44.2	
AKASG	Malin Array Be	84.05	320	P	19 32 50.2	-0.2
HFS	Hagfors	89.71	332	P	19 33 17.6	-0.3

MBAR Mbarara 93.48 270 LR 10 13 51.2
comp=2.32nm,19.8s,baz=140,slow=34
MATP Matopo 99.30 251 LR 10 15 56.4
comp=2.49nm,20.2s,baz=122,slow=34

ISC 18 09:24:33.3-2.5, 24.454S, 179.92E, h518km, 30km, mb3.1/6,
mbmp3.9/7, Error ellipse: s-maj=28.0km s-min=21.9km
az=56.0
ISC 18 09:24:32.4-1.0, 24.745S, 0.08:179.9W, 0.2, h505km, n23,
c155S/28, mb3.7/8, 4C, South of Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MSVF	Nonsavu	7.23	344	Op	19 26 20.0	-1.2
MSVF	Nonsavu			P	19 27 21.8	+2.0
HZM	Mot Dzumac	12.83	279	P	19 27 23.9	+1.2
HZM	Mot Dzumac			P	19 27 42.2	-0.9
TOZ	The Kahta	13.13	186	P	19 27 34.4	+3.4
TOZ	The Kahta			P	19 27 28.0	-0.9
URZ	Urewera	13.72	190	P	19 29 53.7	-0.7
URZ	Urewera			P	19 27 27.7	-1.2
URZ	Urewera			P	19 29 52.4	-2.1
URZ	Urewera			P	19 27 29.7	+0.6
URZ	Urewera			P	19 29 55.2	+0.4
URZ	Urewera			P	19 27 32.2	+1.2
URZ	Urewera			P	19 27 32.7	+1.1
URZ	Urewera			P	19 29 59.3	-2.0
URZ	Urewera			P	19 27 38.5	+0.4
URZ	Urewera			P	19 27 40.5	0.0
URZ	Urewera			P	19 27 41.4	-2.1
URZ	Urewera			P	19 30 17.1	-4.0
URZ	Urewera			P	19 31 38.1	-1.0
WRA	Warrungga Arr	42.66	267	P	19 31 40.9	-1.8
VNDA	Vanda	53.56	185	P	19 33 05.7	+0.8
QSPA	South Pole Qui	65.35	180	P	19 34 25.3	+1.2
PETK	Petrovlovsk-	79.93	346	P	19 35 47.8	-0.3
TROLL	Troll, Antarti	83.50	181	P	19 36 06.6	+0.2
SNAA	Sanee	83.83	179	P	19 36 08.0	0.0
SNAA	Sanee			P	19 36 07.9	0.0
VNA3	Neumayer Olymp	84.04	177	P	19 36 09.2	+0.2
VNA2	Neumayer-Watz	84.46	178	P	19 36 11.4	+0.4
HFS	Hagfors	143.38	349	PKP	19 43 06.0	-0.8
IDC 18 09:36:08.6-0.9, 2.26S: 140.43E, h0km, mb4.1/11, mbmp4.1/12, ML4.2/1, MS3.4/4, Error ellipse: s-maj=34.9km s-min=13.1km az=92.0 DJA 18 09:36:13.3-1.0, 2.54S, 14.0E, h10km, M4.6/6, MB5.5/3, mb5.1/3, mb5.1/3, MB5.5/3, ML4.6/2, MLV4.3/3, MLV4.3/3, Mv(m)B5.0/3, Mv(m)B5.0/3 NEIC 18 09:36:13.9-1.4, 2.35S: 0.1x140.28E, 0.0, h35km, 2km, mb4.3/19, Error ellipse: s-maj=22.6km s-min=5.8km az=200.0 ISC 18 09:36:12.3-0.6, 2.34S: 0.05:140.26E, 0.09, h24km, n54, c1541/50, mb4.2/18, MS3.4/3, Near north coast of Irian Jaya						

KS2H Kashi 72.14 312 P 09 47 37.0 +1.7
KSH2 comp=2.3,0nm,1.0s pmax pmax

ZALV Zalesovo Beam 72.40 329 P 09 47 36.4 0.0
NRRN Naryn 72.57 315 P 09 47 36.4 -1.7
NRRN comp=2.1,2nm,0.5s Iamb Iamb

ZALV Zalesovo Beam 72.40 329 P 09 47 35.7 -0.6
NRRN Naryn 72.57 315 P 09 47 36.4 -1.7
NRRN comp=2.3,2nm,0.4s Iamb Iamb

KURK Kurchatov 74.31 324 P 09 47 46.5 -1.1
KURB Kurchatov Arra 74.32 324 P 09 47 47.9 +0.1
comp=2.1,8nm,0.9s,baz=112,slow=5.5,SNR=10.0

BTK Vatka 75.92 312 P 09 47 55.3 -2.0
BTK Vatka 76.01 175 P 09 47 58.5 +1.4
comp=2.0,5nm,0.6s,baz=337,slow=7.7,SNR=3.8

KK31 Karatay Array 76.95 315 P 09 48 02.8 -0.3
KKAR Karatay Array 76.95 315 P 09 48 02.4 -0.6
BVAR Borovoye Array 79.90 325 P 09 48 19.9 +0.8
comp=2.2,9nm,0.7s,baz=120,slow=6.5,SNR=6.4

CCB Clear Creek Bu 84.45 24 P 09 48 42.6 0.0
CCB comp=2.4,9nm,1.4s Iamb Iamb

ILAR Eielson Array 84.86 24 P 09 48 43.5 -1.2
comp=2.0,7nm,0.6s,baz=260,slow=5.7,SNR=11

ILAR Eielson Array 84.86 24 P 09 48 43.8 -1.0
AB31 Akbulak array 85.44 320 P 09 48 47.7 -0.2
AB31 comp=2.3,3nm,1.4s Iamb Iamb

ABKAR Akbulak array 85.44 320 P 09 48 47.8 -0.1
RIDG Independent Ri 85.46 26 P 09 48 47.6 -0.1
GSPA South Pole Qui 87.60 180 P 09 48 58.2 -0.2
comp=2.1,0nm,0.6s,baz=370,slow=2.6,SNR=11

QSPA South Pole Qui 87.60 180 P 09 48 58.1 -0.3
QSPA comp=2.3,5nm,1.3s Iamb Iamb

DBIC Dimbleby 144.97 278 PKPbc PKPab 09 55 47.8 -0.1
comp=2.3,6nm,0.5s,baz=90,slow=3,SNR=6.8

CPUP Villa Florida 146.81 50 PKPbc PKPab 09 55 53.9 -0.5
comp=2.0,7nm,0.6s,baz=217,slow=3.0,SNR=3.7

SNET 18 10:01:30.8-1.6, 14.03N: 91.37W, h67km, ML5.4,
Presumed earthquake
GCG 18 10:01:31.9-1.6, 14.11N: 91.34W, h53km, 12km, MD5.6,
ML5.8, Presumed earthquake
CATAC 18 10:01:31.1-0.5, 14.1N: 91.34W, h19km, 4km, M5.6/38,
mb5.7/6, Mb5.8/6, MLV5.6/38, Mw(m)B5.4/6, Mw(m)B3.8/1,
Mwp4.4/1, Error ellipse: s-maj=7.9km s-min=2.9km
az=32.8, Moment Tensor Solution. Moment tensor: Scale
10¹⁶Nm; Mn:3.25; Mw:2.92; Mw:0.33; Mw:1.41; Mw:1.30;
Mv:2.04; Fault plane solution: Mw4.17896x10¹⁶ NP1:
φ=130.7652°, δ=63.47099°, λ=107.45294°. NP2:
φ=275.62361°, δ=31.40347°, λ=59.00300°. Principal axes: T
4.2643, P16.68326, Azm73.3849; N -0.1762
Plg15.56577; Azm302.777; P -4.0881, Plg16.72033;
Azm207.9716; confirmed
GFZ 18 10:01:32.6-0.2, 14.1N: 91.34W, h71km, M4.7/37,
mb4.9/37, confirmed
GCMT 18 10:01:33.5-0.2, 14.04N: 0.01: 91.24W, 0.02, h72km, 1km,
MW5.0/11, Moment Tensor Solution. s84, c117;
s11, c117; Duration: 0 Moment tensor: Scale 10¹⁶Nm;
Mn:4.09; Mw:3.68; Mw:0.40; Mw:0.72; Mw:
Mw:1.85; Mw:0.87; Mw:0.27; Best double couple:
Mw4.45300x10¹⁶ NP1: φ=287.00000°, δ=39.00000°;
7.76.00000°. NP2: φ=21.00000°, δ=52.00000°; 7.99.00000°.
Principal axes: T 4.2730, P16.0000, Azm73.0000;
0.3840, Plg7.0000; Azm266.0000; P -4.6320, Plg7.0000;
Azm205.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function
NEIC 18 10:01:35.5-2.0, 14.29N: 0.07: 91.03W, 0.07, h96km, 5km,
mb4.8/373 Error ellipse: s-maj=11.7km s-min=9.1km
az=219.0
IDC 18 10:01:35.0-0.9, 14.29N: 90.92W, h102km, 5km, mb4.2/28,
mbmp4.6/30, MS3.9/49, Error ellipse: s-maj=16.6km
s-min=8.5km az=51.0
JAYA JAYA 18 10:01:35.2, 14.68N: 89.80W, h33km, mb4.8
ISC 18 10:01:41.4-0.4, 14.16N: 0.04: 91.19W, 0.04, h73km, 3km,
h74km; pP, n611, c2=11/512, mb4.8/221, 5C-16D,

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
STG8	El Palmar, Qui	0.33	332	iP	S	10 01 46.1	+2.6
STG8	El Palmar, Qui			S	Pn	10 01 55.3	+3.2
STG8	El Palmar, Qui			Iamb	Pn	10 01 58.4	
FG8	Yepocapa, Chi	0.62	81	iP	Pn	10 01 44.4	-1.5
FG8	Yepocapa, Chi			S	Pn	10 01 53.3	-3.3
FG16	Alotenango, Sa	0.67	80	iP	S	10 01 45.4	-1.2
GCG4							

Table with columns: MAGS, Ministerio de, 1.91 104 eP, Pn, 10 02 04.3 +2.2, etc. Lists various locations and their associated data points.

Table with columns: PIFEC, Cerro El Cedra, 8.39 122 eP, Pn, 10 03 34.9 +4.2, etc. Lists various locations and their associated data points.

Table with columns: CZSB, Cruzeiro do Su, 28.45 139 eP, P, 10 07 18.9 -0.8, etc. Lists various locations and their associated data points.

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Table with columns for call sign, name, frequency, mode, and other details. Includes entries like 003E Paynes Creek, MOD Modoc Plateau, HATC Hat Creek Radi, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, etc.

18d 10h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like KDAK Kodiak Island, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NGRK, IDHR, SHME, SNJK, etc.

IDC 18 10:37:55.5±6.5, 60.52S×155.89E, h0km, mbt3.0/3, mbt3.7/4, ML3.8/1, MS3.7/1, Error ellipse: s-maj=398.2km s-min=24.9km az=75.0, Macquarie Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VNSA, VNSA, VNSA, etc.

HEL 18 10:40:12.6±0.1, 60.36N×24.90E, h0km, ML1.2, Explosion, Finland

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HEL1, HEL1, HEL1, etc.

IDC 18 10:51:36.6±3.8, 53.87N×89.86E, h0km, mbt3.0/3, ML2.1/2, Error ellipse: s-maj=34.2km s-min=26.1km az=22.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H46RU, ZALV, ZALV, etc.

MKAR AML AML

KRSC 18 11:03:07.5±1.5, 48.28N×155.46E, h43km, 25km, MI3.8, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SKR, SKR, PAU, etc.

IDC 18 11:13:04.7±3.9, 36.77N×71.07E, h86km, 34km, mb3.6/15, mbt3.4/0.18, MS3.3/3, Error ellipse: s-maj=24.8km s-min=14.1km az=23.0

NEIC 18 11:13:06.3±1.4, 36.91N×71.07E, h103km, 9km, mb4.5/6, Error ellipse: s-maj=17.8km s-min=9.3km az=71.0

NNC 18 11:13:06.5±8.4, 37.10N×70.31E, h71km, 134km, mb4.2, mbt4.5, Error ellipse: s-maj=61.8km s-min=46.3km az=0.0

ISC 18 11:13:05.2±7.6, 36.82N×0.05, 71.08E, 0.06, h100km, n80, az=30/93, mb3.7/17, 5C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DRK, KBL, BTB, etc.

KURK Kurchatov 14.91 19 Pn 11 16 27.3 -3.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BVAR, AKTO, AKTO, etc.

CMAR Chiang Mail Arr 30.56 119 P 11 19 10.9 +1.5

AKASG Malin Array Be 32.79 308 P 11 19 29.7 +1.0

NRIK Norik'sk 33.80 10 LR 11 33 37.2

ARCES ACCESS Array B 40.88 337 P 11 20 38.6 +1.7

ARCES ACCESS Array B 40.88 337 P 11 20 38.0 +1.0

NB2 NORARS Subarra 44.16 323 P 11 21 04.1 +0.4

ILAR Eielson Array 74.46 16 P 11 24 33.7 +1.6

YKA Yellowknife Arr 80.92 3 P 11 25 09.7 +1.7

WRA Warramunga Arr 82.11 122 P 11 25 15.8 +1.0

WRB Warramunga Arr 82.23 122 P 11 25 16.3 +0.8

WRO Warramunga Arr 82.26 122 P 11 25 16.4 +0.8

ASAR Alice Springs 84.39 125 P 11 25 27.4 +0.9

CNRM 18 11:15:58.7, 34.83N×5.70W, h14km, ML2.5, IGL 18 11:15:59.4, 34.87N×5.46W, h5km, ML2.1

MDD 18 11:15:59.0, 6.34, 87N×5.48W, h9km, 3km, mb_Lg2.2/9, Error ellipse: s-maj=3.8km s-min=2.4km az=109.0

INMG 18 11:16:00.0±1.2, 34.92N×5.48W, h11km, 7km, ML2.3, Error ellipse: s-maj=3.7km s-min=2.9km az=45.0

ISC 18 11:16:00.1±1.1, 34.87N×5.02, 5.53W, 0.03, h21km, 3km, n45, #1945/82, Morocco

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHEFC, SICH, SICH, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like KHZ Kahutara, KXZ Kahutara, OXZ Oxford, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like KHMM Iamb, YUH Yuha Desert, ISA Isabella, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like PV10 Paradox Valley, HWUT Hardware Ranch, ALQ Albuquerque, etc.

DRS 18 11:50:46.8, 42:35N-43:71E, h0km
TIF 18 11:50:47.9, 42:44N-43:81E, h5km
ISK 18 11:50:47.5, 42:53N-43:87E, h6km, ML3.6/8
NORS 18 11:50:48.5, 42:36N-43:70E, h7km, MPV4.7
MOS 18 11:50:48.4, 42:37N-43:69E, h6km, MPV4.7
AFAD 18 11:50:48.3, 42:43N-43:66E, h4km, 2km, ML3.5
IDC 18 11:50:49.0, 42:50N-43:78E, h0km, mb3.5/7,
mbmp3.6/11, ML3.6/4, MS2.7/1, Error ellipse:
s-maj=14.9km s-min=10.5km az=59.3
MCSM 18 11:50:49.2, 0.7, 42:12N-5:44E, h5km, mb4.0, mB5.3,
MLv3.7, Mw(mB)J.7

Table with columns: Code, Station Name, Frequency, Mode, Power, and other details. Includes stations like GARI Gari, DIGR Digorsko uzhe, LACR Lac, etc.

18d 12h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time/Res. Includes stations like AKH, SEAG, KMGR, SHTL, NCK, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time/Res. Includes stations like DLMR, VSHL, DBC, KARANAY, GNRB, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time/Res. Includes stations like NELY, CLLRA, BGUAL, etc.

IDC 18 12:07:12.9:26.0,33.77N-85.80E,h0km,mb3.3/2, mbtmp3.5/4,ML2.8/2,MS3.1/3,Error ellipse: s-maj=373.8km s-min=54.9km az=26.0,Xizang

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time/Res. Includes stations like MKAR, KURBB, ZALV, etc.

NNC 18 12:13.4:0.2,43.55N:77.72E,h0km,mb2.9,mpv3.5, Error ellipse: s-maj=2.3km s-min=1.5km az=166.0

KRNET 18 12:14.5:0.1,43.49N:77.59E,h12km,mb3.0 SOME 18 12:12:14.4:43.52N:77.68E,h15km

ISC 18 12:12:13.1:0.4,33.55N:102.77W,69E,0.02,h16km,10km, n50,s161/96,20C-11D,Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time/Res. Includes stations like MDOK, MDOX, ARXS, etc.

18d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, MDND Maddock, KVN Kaisereid, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 18 14:34:49, 1.599, 0.3045N, 80.54W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 18 15:09:28, 0.1, 9.192S, 130.04E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ISK 18 15:21:19, 3, 40.95N, 42.90E, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 18 15:23:03, 3.2, 0.11, 85N, 124.62E, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO02 comp=Z,2.8nm,0.8s, CO03 El Pedregal, etc.

M₀-2.87; M₀-0.72; M₀-1.13; M₀-0.33; Fault plane
 solution: M₂: 9.8817x10¹⁴ NP1: 2.12 0.0000°; δ79.00000°;
 λ: 165.00000°; NP2: 3.305 0.0000°; δ75.00000°; λ: 11.00000°;
 PDG 18 15:59:50.5: 0.4, 39.21N: 17.29E; h24km; 1km, ML3.9/12
 Error ellipse: s-maj=0.6km s-min=0.7km az=0.0
 ISC 18 15:59:51.3: 1.7, 39.17N: 0.03: 17.26E: 0.03, h18km, 8km,
 n141, σ1: 32/178, mb3.3/8, 10C-13D, Southern Italy

Code	Station Name	Δ°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Res
LADO	San Nicola del	0.24	297	↑	P	S	15 59 56.6	-0.4	16 00 02.2	+1.3		
LADO	comp=N,25150μm,1.5s											
LADO	comp=E,36300μm,1.4s											
LADO	comp=N,25150μm,0.5s											
LADO	comp=E,33943μm,0.4s											
LADO	comp=N,23396μm,0.6s											
TIP	Timpagrande	0.39	271	↑	P	Sb	15 59 58.7	-1.0	16 00 06.2	+0.9		
TIP	comp=N,5675μm,0.9s											
TIP	comp=E,4850μm,0.8s											
TIP	comp=E,4800μm,0.8s											
TIP	comp=N,5610μm,0.9s											
TIP	comp=E,4800μm,1.2s											
TIP	comp=E,4850μm,1.2s											
TIP	comp=N,5680μm,0.9s											
TIP	comp=N,5612μm,0.9s											
TIP	comp=E,4849μm,0.8s											
TIP	comp=E,4803μm,0.8s											
TIP	comp=N,5678μm,0.9s											
SERS	Sersale	0.46	253	↓	P	Sb	15 59 59.9	-1.1	16 00 06.0	-1.6		
SERS	comp=E,4090μm,0.6s											
SERS	comp=N,3960μm,1.6s											
SERS	comp=N,4145μm,0.6s											
SERS	comp=E,3890μm,1.6s											
SERS	comp=E,4090μm,1.4s											
SERS	comp=N,4145μm,1.4s											
SERS	comp=E,4089μm,0.6s											
SERS	comp=N,3704μm,0.7s											
SERS	comp=E,3705μm,0.9s											
SERS	comp=N,4145μm,0.6s											
SELL	Sellia	0.53	249	↓	P	Sb	16 00 00.9	-1.0	16 00 08.1	-1.2		
CELI	Celico	0.62	292	↓	P	Sb	16 00 02.9	-0.9	16 00 13.2	+1.1		
CELI	comp=N,5570μm,1.0s											
CELI	comp=E,4640μm,1.1s											
CELI	comp=N,5530μm,0.9s											
CELI	comp=E,4765μm,1.1s											
CELI	comp=N,5570μm,1.0s											
CELI	comp=N,5530μm,1.1s											
CELI	comp=N,5530μm,0.9s											
CELI	comp=N,5572μm,1.0s											
CELI	comp=E,4765μm,0.9s											
CELI	comp=E,4640μm,0.9s											
SPS2	Spezzano della	0.72	280	↓	P	Sb	16 00 04.2	-1.2	16 00 15.4	+0.4		
SPS2	comp=E,2215μm,0.5s											
SPS2	comp=N,1745μm,0.9s											
SPS2	comp=E,2219μm,0.5s											
GRI	Girfalco	0.74	242	P	Pb	Sb	16 00 04.9	-0.7				
GRI	comp=N,3535μm,0.7s											
GRI	comp=E,4085μm,0.8s											
GRI	comp=N,3535μm,1.3s											
GRI	comp=N,3532μm,0.7s											
GRI	comp=E,4084μm,0.8s											
CAR1	CAROLEI	0.82	276	↓	P	Sb	16 00 05.7	-1.3	16 00 19.5	-0.1		
CAR1	comp=E,4300μm,0.9s											
CAR1	comp=E,4675μm,0.6s											
CAR1	comp=E,4680μm,0.6s											
CAR1	comp=N,4095μm,0.6s											
CAR1	comp=N,4130μm,0.7s											
CAR1	comp=E,4302μm,0.9s											
CAR1	comp=N,4129μm,0.7s											
CAR1	comp=E,4676μm,0.6s											
CAR1	comp=N,4094μm,0.6s											
GIZZ	Gizzeria	0.84	257	P	Pb	Sb	16 00 06.9	-0.4				
TDS	Terranova Siba	0.86	305	↑	P	Sb	16 00 06.2	-1.5	16 00 20.4	-0.2		
TDS	comp=N,2880μm,1.6s											
TDS	comp=E,2520μm,0.8s											
TDS	comp=E,2520μm,1.2s											
TDS	comp=N,2862μm,0.9s											
TDS	comp=E,2520μm,0.8s											
PLAC	Placania	0.96	222	↓	P	Sb	16 00 09.4	-0.1	16 00 20.6	-1.3		
PLAC	comp=E,2315μm,1.3s											
PLAC	comp=N,2425μm,1.3s											
PLAC	comp=N,2125μm,1.0s											
PLAC	comp=E,2210μm,1.0s											
PLAC	comp=N,2425μm,0.7s											
PLAC	comp=E,2315μm,0.7s											
PLAC	comp=N,2422μm,1.3s											
PLAC	comp=E,2209μm,1.0s											
PLAC	comp=E,2318μm,1.3s											
PLAC	comp=N,2123μm,1.0s											
SALB	San Lorenzo Be	0.99	315	P	Pb	Sb	16 00 09.7	-0.4				

SALB	Cetraro	1.07	290	S	Pn	Sb	16 00 24.6	+0.5	16 00 11.4	0.0	16 00 27.6	+1.8
CET2	comp=E,5550μm,0.9s											
CET2	comp=E,5550μm,1.1s											
CET2	comp=N,7950μm,0.7s											
CET2	comp=N,7951μm,0.7s											
CET2	comp=E,5550μm,0.9s											
ORI	Oriolo Calabro	1.09	325	P	Pb	Sb	16 00 11.5	-0.1	16 00 25.6	+0.2		
ORI	comp=N,14650μm,0.4s											
ORI	comp=E,11300μm,1.6s											
ORI	comp=E,11300μm,0.4s											
ORI	comp=E,10916μm,0.5s											
ORI	comp=N,14667μm,0.4s											
FERC	Galatò	1.14	231	P	Pn	Sb	16 00 11.7	-0.6	16 00 13.1	-0.2		
JOPP	Joppolo	1.21	243	P	Pn	Sb	16 00 11.7	-0.6	16 00 13.1	-0.2		
JOPP	comp=E,1165μm,1.0s											
JOPP	comp=N,1159μm,0.7s											
JOPP	comp=E,1164μm,1.0s											
JOPP	comp=N,1159μm,0.7s											
MMN	Mormanno	1.21	307	P	Pb	Sb	16 00 14.6	+0.9	16 00 32.1	+2.8		
MMN	comp=E,2675μm,1.5s											
MMN	comp=E,2675μm,0.5s											
MMN	comp=N,2895μm,0.9s											
MMN	comp=E,2147μm,0.8s											
MMN	comp=N,2891μm,0.9s											
GRIS	Grisolia	1.23	298	↓	P	Pn	16 00 13.6	0.0	16 00 15.7	-0.4	16 00 14.4	-0.9
CRAC	Craco	1.35	332	↓	P	Pn	16 00 15.7	-0.4	16 00 14.4	-0.9	16 00 33.5	+0.5
TAR1	Taranto	1.35	1	P	Pn	Sb	16 00 15.7	-0.4	16 00 14.4	-0.9	16 00 33.5	+0.5
TAR1	comp=E,12950μm,0.6s											
TAR1	comp=N,8630μm,1.1s											
TAR1	comp=E,12944μm,0.6s											
TAR1	comp=N,8612μm,0.6s											
SCHR	S. Chirico Rap	1.37	319	P	Pn	Sb	16 00 15.7	+0.1	16 00 15.8	+0.1		
CUC	Castrocuoco	1.38	307	P	Pn	Sb	16 00 15.7	+0.1	16 00 15.8	+0.1		
CUC	comp=E,3085μm,1.0s											
CUC	comp=N,2305μm,0.8s											
CUC	comp=N,2300μm,0.8s											
CUC	comp=E,3010μm,1.0s											
CUC	comp=N,2297μm,0.8s											
CUC	comp=E,3011μm,1.0s											
CUC	comp=N,2309μm,0.8s											
CUC	comp=E,3086μm,1.0s											
CEL	Celeste	1.40	230	P	Pn	Sb	16 00 16.2	+0.2				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WCHH, eS, Sn, GYA, pmax, pmax. Rows include stations like Hsiaoliuchi, Liugu, Hengchun, Kaohsiung, etc., with their respective coordinates and data values.

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

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

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

IDD 18 18:28:29.9-0.5,55:17N;158:20W,h0km,m4.8/37, mbtmp4.8/42,ML4.4/4,MS4.5/74,Error ellipse: s-maj=12.8km s-min=9.1km az=166.0

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHNA, CNBA, etc.

18d 18h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KABU Katmai Buttres, KELA Mount Kelaz, KAKN Katmai Knife C, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BERG Berg Lake, RND Reindeer, N25K Chitina, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

18d 18h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like N58A, KSPA, W52A, G62A, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like HHC, HNC, HHS, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like ODD1, GTA2, GAT2, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CLGH, FAKA, EKA, ESK, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like RETH, SGDS, MANU, TKM2, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PZH, MOX, AKASG, etc.

18d 18h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KHC, CLF, STU, LANS, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KBA, KBA, SESA, DAVOX, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SOC, TLBR, POLO, etc.

18D 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like 1M16K Timber Creek, K15K Wolf Creek Mou, L19K White Mountain, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like ESDC Sonseca Array, TORQ Torodi Arr, TORQ Torodi Arr, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like MMAL Mount Meron Arr, CLL Collm, CLL Collm, etc.

Table with columns: TDK, Taldyqorghan, 4.31 267 eP, Pg, 19 35 06.7 -2.0, etc. Includes stations like UZB, UZB, UZB, etc.

Table with columns: TKGZ, Ruatahuna, 1.60 181 P, AML, 19 55 15.5 +0.2, etc. Includes stations like Carnagh Statio, Rimuhau, Maungataniwha, etc.

Table with columns: CHNS, WCKO, Fanlu, 0.95 287 eP, S, Sn, 18 08 49.2 +1.0, etc. Includes stations like Sun Moon Lake, Nanshi, Sandimen, etc.

IDC 18 19:54:54.74.1, 36.85S:177.32E, h296km, 66km, mb2.8/2, mbmp3.5/2, Error ellipse: s-maj=198.3km s-min=46.8km az=179.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like HAZ, MARZ, RUGZ, etc.

TAP 18 20:08:18.4, 23.19N:121.54E, h46km, ML2.9, C JMA 18 20:08:18.1, 23.2N:0.3:121.5E:0.9, h41km, MV2.6/11, ISC 18 20:08:18.6:1.2, 33.17N:0.03:121.60E:0.03, h50km, n75, e+111/129, 2C-ID, Taiwan

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

IDC 18 20:17:23.6:1.7, 9.65S:118.76E, h0km, mb3.4/3, mbmp3.5/6, ML3.1/3, MS2.5/2, Error ellipse: s-maj=42.7km s-min=14.0km az=72.0

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

IDC 18 20:51:21.1:0.6, 19.30N:108.59W, h0km, mb4.2/18, mbmp4.2/23, ML3.9/6, MS4.1/47, Error ellipse: s-maj=20.9km s-min=11.1km az=58.0

MEX 18 20:51:22.0:0.3, 19.32N:108.54W, h10km, MD4.8 NEIC 18 20:51:23.6:1.9, 19.36N:107.108:64W:0.05, h10km, 1km, mb4.7/373, Error ellipse: s-maj=11.3km s-min=7.2km

GFZ 18 20:51:25.8:0.5, 19.1N:5.10W, h10km, M4.6/23, mb4.5/23

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like H06N1, H06S1, etc.

18d 20h

Table with columns for station name, frequency, power, and signal strength. Includes stations like MAIG Campo Tres, CEGR Sierra La Lagu, and various repeaters in the Albuquerque area.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like PFO Pinyon Flats 0, PFO Pinyon Flats 1, and various repeaters in the Pinyon Flats area.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like JTS Las Juntas de, WVOR Wild Horse Val, and various repeaters in the JTS and WVOR areas.

Table with columns: ID, Name, Time, Res, Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like O28M Mount Upton, SCHO Schefferville, M29M Somme Creek, etc.

Table with columns: ID, Name, Time, Res, Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like AODB Aquidauana, ARAG Araguaiana, BI02 Santa Maria do, etc.

Table with columns: ID, Name, Time, Res, Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like GOP Guinayangan, BOAC Boac, BOAC Surigao, etc.

18d 21h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like WRA, GENE, KDU, FORT, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NJ2, Nanjing, KCPM, etc.

1082

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HNS, CLRS, U15A, etc.

18d 22h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GRES GRESS Array B, DYA Yadsword, BCLA Clavier, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DJA 1821:57:44.1±0.8, M5.2/12, mB5.6/3, mB5.7/4, etc.

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Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GOP Guinayangan, BOAC Boac, CGP Canayan de Oro, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BUR08 Bucovina Ar. S, HFS comp=Z,4.3nm,1.4s, NB2 NORSAR Subarra, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BJ21 Beijing, CTAA Charters Tower, JNU Nakatsue, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHAO Salim, SMDO Samar, SNY Shenyang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ALNE Al Ain, ALNE Al Ain, KBK Karagaybulak, etc.

18d 22h

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MAKZ Makanchi, AUPHS Peel High Scho, CAN Canberra, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like FOMA Nahapoana Res, HILR Hailar Array B, TAU Tasmania Unive, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CASY Casey, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like RUE Ruedersdorf, FUSE Fusea, VNA2 Neumayer-Watz, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like VAGH Vaagholmen, SQA Sankt Quirin, FUR Furstenfeldbru, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KBS Kingsbay, KONO Kongsberg, SKMB Sankelmark Bun, etc.

RDOG	Red Dog Mine	96.17	22	Iamb	Iamb	22 37 33.6
RDOG	St. Georges I			IAMs_20	IAMs_20	23 24 53.8
GIMEL	comp-Z,124um,21.0s					
	96.47 316 P					22 37 30.8 +3.1
WLF	Walfardange	96.50 319 P				22 37 28.3 +0.6
WLF	Walfardange	96.50 319 dP				22 37 28.9 +1.2
WLF	Walfardange	96.50 319 dx		x		22 41 05.6
WLF	Walfardange	96.50 319 eP				22 37 25.9 -1.8
WLF	Walfardange	96.50 319 P				22 37 30.2 +2.6
MEM	Membach	96.57 320 P				22 37 31.0 +3.0
BER	Bergen	96.60 330 eP				22 37 27.9 +0.1
BER	comp-Z,651nm,3.1s					
BER	ePP					22 41 23.3 +1.2
BER	e					22 44 10.2
BER	i					22 54 10.2
BER	IVMs_BB IVMs_BB					23 26 07.0
HGN	Heimgangrove	96.62 320 P				22 37 30.3 +2.1
ASK	Askoy	96.66 330 eP				22 37 27.9 -0.2
ASK	comp-Z,866nm,3.3s					
ASK	ePP					22 41 23.4 +0.7
ASK	e					22 48 47.7
ASK	i					22 54 11.8
ASK	IVMs_BB IVMs_BB					23 26 09.1
FOO	Floro	96.67 331 ePP				22 37 27.5 -0.6
FOO	Tamanrasset	96.67 331 ePP				22 41 23.2 +0.6
FOO	e					22 48 45.5
FOO	i					22 54 11.7
FOO	IVMs_BB IVMs_BB					23 26 59.0
KMY	Karmoy	96.70 329 eP				22 37 28.1 -0.2
KMY	comp-Z,650nm,3.5s					
KMY	ePP					22 37 34.7
KMY	e					22 48 47.8
KMY	i					22 54 09.6
KMY	IVMs_BB IVMs_BB					23 26 37.6
ORIF	Oris-en-Raz	96.76 315 P				22 37 32.1 +3.0
C18K	Utukok River	96.76 21 Iamb		Iamb		22 37 33.3
SUE	Sulen	96.84 331 ePP				22 37 28.2 -0.7
SUE	e					22 41 24.9 +0.3
SUE	e					22 48 49.0
SUE	i					22 54 15.2
SUE	IVMs_BB IVMs_BB					23 26 01.3
TAM	Tamanrasset	96.85 292 IAMS_20		IAMS_20		23 23 45.1
TAM	comp-Z,67um,20.0s					
TAM	96.85 292 P					22 37 34.2 +4.1
F17K	Baldwin Pennin	96.95 24 Iamb		Iamb		22 37 34.4
F17K	comp-Z,93nm,1.2s					
E18K	Tukpahleark C	97.11 23 Iamb		Iamb		22 37 39.0
E18K	comp-Z,66um,18.0s					
E18K	97.11 23 Iamb					22 39 29.4
K15K	Wolf Creek Mt	97.18 28 Iamb		Iamb		22 37 43.4
K15K	comp-Z,122nm,1.8s					
N14K	Kuskokwak Cree	97.28 30 Iamb		Iamb		22 37 54.5
N14K	comp-Z,106nm,1.1s					
BMD	Maredsous	97.38 320 dP		Pdfif		22 37 32.7 +1.0
DOUR	Dourbes	97.49 320 dP		Pdfif		22 37 32.0 -0.1
J16K	Anvik River	97.52 27 Iamb		Iamb		22 37 38.2
J16K	comp-Z,9.4nm,1.2s					
UCC	Uccle	97.61 321 dP		Pdfif		22 37 32.4 -0.2
H17K	Granite Mounta	97.65 25 Iamb		Iamb		22 37 37.8
H17K	comp-Z,108nm,1.1s					
SSB	Saint Sauveur	97.70 315 P		Pdfif		22 37 38.2 +4.9
SSB	comp-Z,12um,20.0s					
SSB	97.70 315 P					22 37 42.5
D19K	Kuna River	97.90 21 Iamb		Iamb		22 37 42.5
D19K	comp-Z,172nm,1.4s					
B20K	Meade River	98.00 20 P				22 37 33.5 -0.5
B20K	comp-Z,94um,21.0s					
MAHO	Mahor	98.03 310 P		Pdfif		22 37 36.4 +1.5
N15K	Kwethluk River	98.06 30 Iamb		Iamb		22 37 58.1
N15K	comp-Z,73nm,1.1s					
G18K	Tagagavik	98.06 24 IAMS_20		IAMS_20		23 30 35.6
G18K	comp-Z,57um,21.0s					
LOR	Lorres	98.10 317 P		Pdfif		22 37 37.9 +2.8
LOR	comp-Z,11um,20.0s					
NOR	Nord	98.17 352 i P				22 37 34.8 +0.2
NOR	comp-Z,20um,20.0s					
NOR	98.17 352 i P					22 37 35.1 +0.5
J17K	VABM Dome	98.19 27 Iamb		Iamb		22 37 40.4
J17K	comp-Z,165nm,1.7s					
L16K	Owhat River	98.20 28 IAMS_20		IAMS_20		23 30 49.9
L16K	comp-Z,86um,20.0s					
H18K	Honhoza River	98.28 25 Iamb		Iamb		22 37 40.3
H18K	comp-Z,88nm,1.1s					
F19K	Shaluerukik Mo	98.28 23 Iamb		Iamb		22 37 43.8
F19K	comp-Z,141nm,1.4s					
F19K	98.28 23 Iamb					23 31 02.4
E19K	Redstone River	98.39 22 Iamb		Iamb		22 37 40.8
E19K	comp-Z,120nm,1.2s					
E19K	98.39 22 Iamb					23 28 25.3
D20K	Etiulik River	98.41 21 IAMS_20		IAMS_20		23 26 29.0
D20K	comp-Z,93um,22.0s					
BOST	Ostende	98.49 321 dP		Pdfif		22 37 36.6 0.0
M16K	Timber Creek	98.52 29 IAMS_20		IAMS_20		23 28 35.5
M16K	comp-Z,69um,21.0s					
K17K	Iditarod	98.62 27 Iamb		Iamb		22 38 18.2
K17K	comp-Z,133nm,1.5s					
G19K	Purcell Mounta	98.65 24 Iamb		Iamb		22 37 42.0
G19K	comp-Z,99nm,1.1s					
G19K	98.65 24 Iamb					23 30 09.4
CNBA	Chernabura Isl	98.82 35 IAMS_20		IAMS_20		23 30 58.8
CNBA	comp-Z,62um,22.0s					
EJON	La Jonquera	98.99 312 P		Pdfif		22 37 39.7 +0.6
F20K	Avarart Lake	99.04 23 Iamb		Iamb		22 37 43.7
F20K	comp-Z,69nm,1.1s					
F20K	99.04 23 Iamb					23 31 09.4
ETOS	Mallorca	99.15 309 P		Pdfif		22 37 41.4 +1.5
B22K	Teshkepuk Lake	99.19 19 IAMS_20		IAMS_20		23 30 15.2
B22K	comp-Z,52um,19.0s					
M17K	Hollitna River	99.20 29 P		Pdfif		22 37 39.1 -0.4
M17K	comp-Z,87um,21.0s					
M17K	99.20 29 P					23 29 28.5
E21K	Killik River	99.42 21 IAMS_20		IAMS_20		23 30 36.6
E21K	comp-Z,113um,21.0s					
E21K	99.44 313 P					22 37 44.3 +3.2
MTLF	Montleone	99.44 313 P		Pdfif		22 37 44.3 +3.2
ELMS	Elmstet, Ipswi	99.63 322 eP		Pdfif		22 37 41.8 +0.1
LRW	Lerwick	99.85 330 eP		Pdfif		22 37 43.0 +0.5
F21K	Alatina River	99.86 22 IAMS_20		IAMS_20		23 31 56.2
F21K	comp-Z,17um,21.0s					
G21K	Allakaket	100.00 23 IAMS_20		IAMS_20		23 29 43.1
G21K	comp-Z,98um,22.0s					
IMAR	Indian Mountai	100.02 24 Pdfif		Pdfif		22 37 41.7 -1.4
N18K	Kilae Creek	100.06 29 IAMS_20		IAMS_20		23 30 18.1
N18K	comp-Z,67um,21.0s					
HMXN	Herstondeux	100.15 321 eP		Pdfif		22 37 45.1 +1.1
TORD	Tordi Ar. Bea	100.18 283 P		Pdfif		22 37 43.5 -1.4
TORD	comp-Z,53nm,0.8s,baz=96,slo=4.9,SNR=6.5					
TORD	100.18 283 P					22 37 42.6 -2.3
C23K	Ikliklii River	100.24 20 IAMS_20		IAMS_20		23 30 51.2
C23K	comp-Z,92um,20.0s					
E22K	Anaktuvuk Pass	100.27 21 IAMS_20		IAMS_20		23 27 50.1
E22K	comp-Z,132um,21.0s					
EIBI	Ibiza	100.32 309 P		Pdfif		22 37 46.1 +1.0
JN1W	Jan Mayen West	100.35 342 ePP		Pdfif		22 37 44.6 +0.2
JN1W	e					22 41 50.9 +0.3
JN1W	e					22 48 40.2
JN1W	i					22 37 46.0 +1.4
JN1W	Jan Mayen	100.39 342 ePP		Pdfif		22 41 50.2 -0.6
JN1W	e					22 54 46.1

D23K	Nanushuk River	100.46 20 IAMS_20		IAMS_20		23 29 14.8
D23K	comp-Z,125um,20.0s					
H21K	Melozitna Rive	100.47 24 IAMS_20		IAMS_20		23 31 48.5
H21K	comp-Z,75um,21.0s					
DAG	Dartford Havn	100.75 348 P		Pdfif		22 37 48.0 +1.8
DAG	comp-Z,15um,20.0s					
I21K	Tanana	100.92 24 IAMS_20		IAMS_20		23 32 03.3
I21K	comp-Z,70um,19.0s					
CWF	Charmawo Core	100.95 323 eP		Pdfif		22 37 48.1 +0.5
HPK	Haverah Park	100.98 324 eP		Pdfif		22 37 47.3 -0.4
H22K	Ishlitalik Cr	100.99 24 IAMS_20		IAMS_20		23 30 25.1
H22K	comp-Z,90um,22.0s					
DRUM	Mains of Drumt	101.03 327 eP		Pdfif		22 37 46.2 -1.5
D24K	Happy Valley	101.04 20 IAMS_20		IAMS_20		23 28 20.6
D24K	comp-Z,85um,21.0s					
EDMD	Edmundbyers	101.06 325 eP		Pdfif		22 37 46.3 -1.7
WOL	Wolverton	101.08 321 eP		Pdfif		22 37 46.8 -1.4
E23K	Chandalar	101.08 21 IAMS_20		IAMS_20		23 28 16.7
E23K	comp-Z,137um,20.0s					
COLD	Coldfoot	101.10 22 IAMS_20		IAMS_20		23 31 07.8
COLD	comp-Z,98um,22.0s					
CAST	Castle Rocks	101.28 26 Pdfif		Pdfif		22 37 48.4 -0.5
G23K	Bananza Creek	101.31 23 IAMS_20		IAMS_20		23 27 19.4
G23K	comp-Z,60um,22.0s					
MCD	Coleburn Disli	101.33 328 eP		Pdfif		22 37 49.0 -0.1
E24K	Your Creek	101.48 21 IAMS_20		IAMS_20		23 28 41.3
E24K	comp-Z,132um,22.0s					
EDI	Edinburgh	101.58 326 eP		Pdfif		22 37 48.3 -1.9
STRD	Stroud	101.61 319 eP		Pdfif		22 37 51.2 -2.3
SII	Sitkinak Islan	101.62 33 IAMS_20		IAMS_20		23 33 32.9
SII	comp-Z,58um,21.0s					
EKA	Eskdalemuir Ar	101.66 326 P		Pdfif		22 37 49.1 -1.5
EKA	comp-Z,5.4nm,1.0s,baz=73,slo=5.9,SNR=6.1					
EKA	101.66 326 P					22 41 56.3 -4.6
ESK	Eskdalemuir	101.69 326 IAMS_20		IAMS_20		23 31 14.6
ESK	comp-Z,76um,22.0s					
ESK	101.69 326 IAMS_20					23 28 20.8

Table with columns for race number, name, time, and various performance metrics. Races include SFJD Kangerlussuaq, SFJD ASCN, PMPST Porto Santo, etc.

Table with columns for race number, name, time, and various performance metrics. Races include S22A 4UR Ranch, PET01 Ianhaem-SP, PFCB Pau dos Ferros, etc.

Table with columns for race number, name, time, and various performance metrics. Races include P53A Whipple, U38A Gravette, P57A Homestead Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like MPOne, SEUS, SVN, FDFM, CMIG, BIM, etc.

BUJ 18 22:29:18.8, 4.335x101.15E, h10km, mB7.1/66, mb6.2/89, Ms7.4/57, Ms7.7/365
IDC 18 22:29:19.8, 0.3, 4.06S:101.20E, h0km, mb5.8/42, mbtmp5.8/43, ML5.4/1, MS7.1/55, Error ellipse: s-maj=7.8km s-min=6.2km az=82.0
MOS 18 22:29:21.3, 0.8, 4.16S:101.32E, h19km, mb6.5/88, MS7.1/49, Error ellipse: s-maj=8.5km s-min=4.6km az=104.4 Broadband fault plane solution: P waves. NP1: 133.00000, 84.00000, 1.70.00000; NP2: 62.7.00000, 82.1.00000, 1.63.00000 Principal axes: T Plg47.00000, Azm1.00000, N Plg20.00000; Azm135.00000, P Plg36.00000, Azm240.00000; IPGP 18 22:29:22.0, 4.28S:101.22E, h25km, Mw7.0, Fault plane solution: NP1: 339.00000, 82.00000, 1.125.00000; NP2: 124.00000, 80.00000, 1.83.00000.
DJA 18 22:29:23.5, 3.7, 4.5S:101.1E, h23km, 36km, M6.9/25, mb5.8/2, mb6.3/4, mb6.3/4, mb5.8/2, ML7.0/23, MLV7.1/25, MLV7.1/29, Mw(mb)5.3/2, Mw(mb)5.3/2
NEIC 18 22:29:23.6, 4.28S:101.22E, h20km
ISC-P 18 22:29:24.4, 2.1S:101.24E, h14km, Mwppm7.2, Moment Tensor Solution. s53 Moment tensor: Scale 1019Nm; Mn:0.71; M1:12; M2:0.06; 16; M3:0.19; 17; Mn:0.19; 09; Mo:0.44; 17; Mo:0.10; 17; Mo:0.10; 17; Fault plane solution: M6:41000x1012m, NP1: 365.40000, 82.80000, 1.109.00000; NP2: 164.00000, 86.80000, 1.81.00000.
PTWC 18 22:29:24.4, 5.0S:101.00E, Mw7.1/36
GFZ 18 22:29:24.4, 4.10S:101.27E, h28km, Mw7.0/57, Moment Tensor Solution. Moment tensor: Scale 1019Nm; Mn:0.91; M1:0.37; M2:0.55; M3:0.03; M4:0.49; M5:1.44; Fault plane solution: M2:3.48203x1019 NP1: 116.49101, 82.85905, 1.83.84824; NP2: 33.41692, 89.41482, 1.130.54171; Principal axes: T 3.5409, Plg51.7654, Azm19.4584; N -0.1209, Plg6.1037, Azm117.2586; P -3.4200, Plg37.5664, Azm21.9766
NEIC 18 22:29:24.7, 6.4, 2.21S:101.07E, h10km, h26km, 1km, mb6.4/23, Mw6.8/216, Mw6.9/86, Error ellipse: s-maj=12.5km s-min=8.1km az=209.0 Moment Tensor Solution. Moment tensor: Scale 1019Nm; Mn:1.12; M1:0.06; M2:1.45; M3:1.14; M4:0.65; Fault plane solution: M2:2.90000x1019 NP1: 312.49000, 82.276000, 1.107.62000; NP2: 113.48000, 86.836000, 1.82.76000; Principal axes: T 1.8513, Plg66.0000, Azm11.0000; N 0.7069, Plg7.0000, Azm116.0000; P -2.5581, Plg3.0000, Azm209.0000
NEIC 18 22:29:24.7, 4.28S:101.23E, h26km
GFZ 18 22:29:27.5, 0.1, 4.5S:101.1E, h40km, M6.9/202, mb6.9/187, mb6.1/202, Mw(mb)6.8/187, MwMw6.9/120, Mw6.7/120
GCMT 18 22:29:29.7, 0.1, 4.47S:0.01E, h0km, h0km, h25km, Mw7.0/71, Moment Tensor Solution. s164,c40, s171,c716; Duration: 788 Moment tensor: Scale 1019 Nm; Mn:1.23; 01; M1:0.56; 01; M2:0.67; 01; M3:2.71; 04; M4:0.61; 01; M5:1.90; 04; Best double couple: M3:53000x1019 NP1: 328.00000, 81.100000, 1.112.00000; NP2: 126.00000, 80.00000, 1.86.00000; Principal axes: T 3.5560, Plg55.0000, Azm31.0000; N -0.05, Plg4.0000, Azm19.0000; P 3.5040, Plg35.0000, Azm129.0000; nst31 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=150s. Triangular moment-rate function
NEIC 18 22:29:53.6, 4.98S:100.83E, h30km, Moment Tensor Solution. Duration: 44s0 Moment tensor: Scale 1019Nm; Mn:1.24; M1:0.60; M2:0.64; M3:1.67; M4:0.79; M5:1.26; Fault plane solution: M2:4.80000x1019 NP1: 325.31000, 81.679000, 1.106.48000; NP2: 120.21.13000, 87.392000, 1.85.11000; Principal axes: T 2.4021, Plg61.0000, Azm31.0000; N 0.1434, Plg5.0000, Azm129.0000; P 3.5455, Plg29.0000, Azm22.0000
ISC 18 22:29:24.3, 4.22S:101.01E, h26km, h26km, 1km, h26km; P-P, N1526, 1868/1694, mb6.2/525, MS7.2/147, 190C-70D, Southern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like UBISI, MASI, KSI, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like MNAI, KASI, GSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like MMRI, LUWI, CM31, etc.

18d 22h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like TW1H Toowoomba 1 Ha, MAKZ Makanchi, AUPHS Peel High Scho, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like TAU Tasmania Unive, IRK Irkutsk, SEM Semipalatinsk, etc.

1098

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like BVAR Borovoye Array, BVAR Borovoye, BOD Bodaibo, etc.

1099

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WAKE ISLAND, SVERDLOVSK, YAKUTSK, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BELG, BELG, BELG, MMTAI, MATP, etc.

18d 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like LBTB, LBTB, LBTB, LBTB, COVZ, etc.

18d 22h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOTA, GRF, GRT, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WACR, LRW, HMNX, etc.

1102

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

Additional information and notes at the bottom right of the page, including a code table and a disclaimer.

Table with columns: CMAR, Chiang Mai Arr, 22.78 355 P, P, 22 44 08.4 -2.0, 7.1nm, 1.0s, baz=169,slow=9.7,SNR=2.9

Table with columns: KRBS, Karabastau, 1.12 340 P, Pg, 22 51 14.4 -0.5, 1.8nm,0.1s

Table with columns: CMAR, Chiang Mai Arr, 22.66 355 P, P, 23 02 07.8 -2.3, 1.1nm,0.4s, baz=172,slow=9.3,SNR=8.0

Table with columns: KRBS, Karabastau, 1.12 340 P, Pg, 22 51 14.4 -0.5, 1.8nm,0.1s

Table with columns: CMAR, Chiang Mai Arr, 22.66 355 P, P, 23 02 07.8 -2.3, 1.1nm,0.4s, baz=172,slow=9.3,SNR=8.0

Table with columns: GCG 18 23:07:31.9i,1.9, 15.11N:93.24W, h20km,21km,MD4.5, Presumed earthquake

Table listing astronomical observations for 18d 23h, including station names, coordinates, and observation details.

Table listing astronomical observations for 18d 23h, including station names, coordinates, and observation details.

18d 23:15:35.52, 1.438S, 101.21E, h0km, mb3.8/9, mbmp3.8/9, Error ellipse: s-maj=7.5km s-min=20.6km az=53.0

18d 23:15:35.9, 1.6, 4.8S, 0.1, 100.7E, 0.1, h10km, 2km, mb4.2/9, Error ellipse: s-maj=24.2km s-min=18.0km az=23.0

18d 23:15:39.7, 1.4, 4.4S, 0.2, 101.1E, 0.2, h29km, n32, 0.559/20, mb4.0/11, Southern Sumatara

Table listing astronomical observations for 18d 23h, including station names, coordinates, and observation details.

18d 23:17:03.2, 1.9, 4.32S, 101.26E, h0km, mb3.7/10, mbmp3.7/10, Error ellipse: s-maj=66.0km s-min=20.2km az=54.0

18d 23:17:09.2, 3.3, 4.3S, 0.3, 101.4E, 4.0, h30km, n23, 0.567/11, mb3.8/10, Southern Sumatara

Table listing astronomical observations for 18d 23h, including station names, coordinates, and observation details.

Table listing astronomical observations for 18d 23h, including station names, coordinates, and observation details.

18d 23:19:06.4, 1.9, 4.41S, 101.00E, h0km, mb3.9/10, mbmp3.9/10, Error ellipse: s-maj=66.4km s-min=21.3km az=54.0

18d 23:19:09.8, 1.1, 4.5S, 0.2, 100.9E, 0.1, h15km, 6km, mb4.2/9, Error ellipse: s-maj=26.2km s-min=10.2km az=213.0

18d 23:19:11.0, 1.1, 4.4S, 0.2, 100.9E, 0.1, h29km, n44, 0.584/32, mb4.1/15, Southwest of Sumatara

Table listing astronomical observations for 18d 23h, including station names, coordinates, and observation details.

18d 23:38:56.8, 1.0, 34.67N, 80.37E, h0km, mb3.5/7, mbmp3.5/12, ML3.0/5, Error ellipse: s-maj=26.1km s-min=15.7km az=57.0

18d 23:39:02.1, 1.0, 34.8N, 0.1, 80.5E, 0.1, h35km, n14, 0.124/14, mb3.5/7, Xizang

Table listing astronomical observations for 18d 23h, including station names, coordinates, and observation details.

18d 23:13:18.6, 2.7, 4.25S, 100.99E, h0km, mb3.5/8, mbmp3.5/8, Error ellipse: s-maj=116.2km s-min=21.7km az=54.0

18d 23:13:31.6, 0.5, 4.5S, 10.2E, h10km, M3.4/7, MLV3.4/7

18d 23:13:25.1, 1.4, 4.0S, 0.1, 101.6E, 0.1, h34km, n26, 0.157/13, mb3.6/8, Southern Sumatara

Table listing astronomical observations for 18d 23h, including station names, coordinates, and observation details.

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NORRAR Array B, TORD Torodi Ar, WRA Warramunga Arr.

UPP 18:23:39:14.5:0.0,67.84N:20.19E,h0km,ML3.0,Suspected explosion
DNK 18:23:39:14.9:0.4,67.83N:20.21E,h0km,ML3.0(UPP),Explosion
HEL 18:23:39:15.5:0.5,67.80N:20.27E,h0km,ML1.1,Suspected explosion

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurraavaara, RTU Laukkulusta, TOF Tornio.

UPP 18:23:41:05.3:0.0,67.84N:20.21E,h0km,ML2.9,Suspected explosion
DNK 18:23:41:05.7:0.3,67.84N:20.20E,h0km,ML2.9(UPP),Explosion
HEL 18:23:41:06.4:0.1,67.84N:20.29E,h0km,ML1.4,Suspected explosion

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurraavaara, RTU Laukkulusta, TOF Tornio.

DJA 19:00:02:17.0:0.5,4N:5.98E,h108km,5km,M3.4/12,MLV3.3/9,MLV3.3/11,Northern Sumatera

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KCSI Kotacane, TPTI TPTI, MLI Meulaboh.

IDC 19:00:05:12.5:6.8,8:10S:129.70E,h0km,mb4.0/1,mbtmp3.5/4,ML3.1/3,Error ellipse: s-maj=84.4km

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs.

IDC 19:00:05:17.9:2.1,2:14S:126.88E,h0km,mb3.2/2,mbtmp3.3/3,ML3.5/1,Error ellipse: s-maj=153.2km

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

JMA 19:00:12:44.5:0.0,29:3N:0:3x129:3E:0.4,h5km,MV2.9/8,NEAR TOKARA ISLANDS

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTAJ Takarajima, JAM Amami Oshima, JAMN Amininshikomi.

IDC 19:00:12:59.5:2.9,26:09N:124:28E,h0km,mb3.4/3,mbtmp3.4/3,Error ellipse: s-maj=196.1km s-min=28.7km az=65.0

JMA 19:00:13:07.4:0.2,29:3N:0:6:12:9E,h10km,1km,MV3.2/1,NEAR TOKARA ISLANDS

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTAJ Takarajima, JAM Amami Oshima, JAMN Amininshikomi.

IDC 19:00:16:28.9:1.9,29:16N:129:07E,h0km,mb3.7/6,mbtmp3.6/7,ML3.0/1,Error ellipse: s-maj=93.5km s-min=18.8km az=70.0

JMA 19:00:16:28.8:0.2,29:3N:0:8:12:9E,h13km,1km,MV3.1/7,NEAR TOKARA ISLANDS

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTAJ Takarajima, JAM Amami Oshima, JAMN Amininshikomi.

IDC 19:00:16:29.0:1.3,29:26N:0:05:129:36E:0:07,h7km,10km,n19,r:1905/22,mb3.7/6,Ryukyu Islands

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRSR Songino Array, MKAR Makanchi Array, FITZ Fitzroy Crossi.

JMA 19:00:17:23.6:0.2,29:3N:0:9:12:9E,h17km,1km,MV3.4/18,NEAR TOKARA ISLANDS

JMA Felt III J1 at NEAR TOKARA ISLANDS
IDC 19:00:17:31.6:3.9,29:35N:129:25E,h75km,41km,mb3.5/7,mbtmp3.7/9,ML2.9/2,Error ellipse: s-maj=37.5km s-min=16.8km az=69.0

IDC 19:00:17:23.4:1.1,29:26N:0:05:129:37E:0:06,h8km,8km,n23,r:1915/25,mb3.8/7,Ryukyu Islands

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYAK Yakushimahirau, JKC Kuchinoerabu, JTK Tokunoshima.

KRSR Songino Array 25.66 323 P 00 19 58.9 +6.3
MJAR Matsushiro Arr 10.38 43 P 0.1mm,0.3s,baz=215,slow=14,SNR=1.3 0.8mm,0.5s

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, FITZ Fitzroy Crossi, BVAR Borovoye Array.

NEIC 19:00:24:43.3:1.1,17:89N:0:04:66:99W:0:02,h16km,2km,ML3.7/39,Md3.2/11(RSPR),Error ellipse: s-maj=5.4km s-min=2.3km az=195.0

RSRPR 19:00:24:44.4:17:94N:66:96W,h7km,Md3.2/11
OSPL 19:00:24:44.2:0.9,17:80N:66:94W,h9km,3km,ML3.3,Presumed earthquake

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBRP Guanica, BQSP BQSP, MLPR Magueyes Isian.

SDD 19:00:24:46.5:2.4,17:96N:66:92W,h0km,12km,Md2.2,ML3.4,MV3.3,Presumed earthquake

IDC 19:00:24:44.2:0.9,17:92N:0:04:66:95W:0:02,h14km,5km,n58,r:1901/79,2C-9D,Puerto Rico region

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, PRSN Puerto Rico Se.

CELSP Cerrillos 0.39 66 Pg Sg 00 24 51.9 -0.1
CELSP Cerrillos 0.39 66 Pg Sg 00 24 52.1 +0.1

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AOPR Arecibo Observ, AOPR Arecibo Observ.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDE Isla Desecheo, EMPR Esperanza - Ma.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECPR Experimental S, ECPR Experimental S.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUMP Col San Antoni, HUMP Col San Antoni.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RTAL, THIG, CHUU, CHUJ, PATR, PAVE, STG8, SOKI, ESSG, FGR, FG16, APG, PCGS, FAME, NUBE, NUBE, TGIG, MTQ3, JAY4, CMIG, NEUV, NEUV.

NEIC 19.00:55:22.4+1.9, 39.37N, 0.03:123:16W, 0.05, h10km, 1km, mb4.3/50, ML3.9/124, Mw4.2/4(CMDC), Error ellipse: s-maj=7.9km s-min=3.3km az=233.0
IDC 19.00:55:23.4+0.9, 39.67N, 0.02:123:06W, h0km, mb4.1/12, mbmtap, 0/18, ML3.5/7, Error ellipse: s-maj=18.1km s-min=10.4km az=43.0
NCEDC 19.00:55:23.2+0.3, 39.36N, 0.02:123:25W, 0.08, hbkm, 1km, Error ellipse: s-maj=9.0km s-min=2.3km az=82.0
ISC 19.00:55:23.1+0.9, 39.35N, 0.02:123:23W, 0.03, h12km, 6km, n236, 0/20/229, mb4.3/32, Near coast of northern

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GWRM, GTC, KPFM, GNAM, NEAR, BONV, HOPS, GHOM, MNDO, INGLE, GSNM, KCPM, KIPM, KBNM, GRPM, RVIT, GDCM, GRTM, GSGM, GDXM, GSPM, GFC, GAXM, NMTM, O02D, O02D, BRIC, NWRM, KMRM, KPPM, NYTM, CSJM, AONC, AONC, NIMB, CAKY, SUTB, SUTB, SUTB, KCRM, CVS, NDHM, NAPC, RBOW, LTCM, MCCM, MCCM, LCCM, OSTM, KMPM, PETL, OGOM, BJES, KBHM, KHBM, SNT, NADM, PAM, OCHM, NOLM, ORV, NPRM, DMOR, WEAV, KCTM, SVIN, O03E, O03E, NLHM, LCOW, LCMM, CPMM, LDMM, KHMM, JCC, CTAM, BRK, VAK, BL67, BRB, FARB, JPRM, BKS, LSHM, LAS.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SIFF, LMEM, LRDM, CRHM, LBKM, USJM, AFDM, JMGJ, CSLM, SCLM, HATC, CNIC, M02C, M02C, WENL, YUBA, JRSC, M02C, M03C, JFJB, LGBM, JFJF, WELI, CSTL, JBMM, JSJM, LBFM, CMLM, DONR, LTIM, BEKR, LMPM, MHR, MHC, JBNB, ARN, YBH, YBH, YBH, JSTM, CPCK, MCOB, LGMJ, JUCM, PEAR, B04M, LASM, CMB, HLM, L02F, L02F, PNTR, SAO, L04D, PAHR, WAKR, BBGB, MOD, MOD, MOD, K04D, BBOR, BBOR, PMPB, PMPB, PMPB, HULI, HULI, HULI, MDPB, MDPB, MDPB, K05A, K05A, NVAR, NVAR, J05D, J05D, J05D, I03D, I03D, I04A, I04A, I04A, BMN, PINE, PINE, I02E, I02E, I02E, YES, YES, YES, WIFE, WIFE, WIFE, CWC, H04D, H04D, COR, COR, ELK, ELK, HAWA, PFO, PFO, PFO, PDAR, PDAR, PDAR, HAYD, SDCO, 121A.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EDM, OGNE, OGNE, GDL2, AMTX, TPB01, K30B, K30B, 129A, TXAR, TXAR, TXAR, DLBC, ECSD, Q32M, BESE, BESE, F33A, F33A, FFC, FFC, AGMM, ULM, ULM, ULM, M27K, M27K, M27K, K29M, BCAR, L27K, H31M, H31M, RIDG, RIDG, H29M, H29M, G31M, G31M, G29M, G29M, IL31, IL31, ILAR, ILAR, CCB, K20K, K20K, L18K, L18K, G24K, G24K, I21K, J20K, J20K, F25K, F25K, G23K, G23K, H21K, H21K, K17K, IMAR, E24K, E24K, G21K, L14K, J16K, H18K, H18K, D23K, F19K, F19K, E19K, D20K, D19K, C19K, C18K, SCHO, SCHO, SCHO, H11N3, H11N2, H11N1, H11S1, H11S2, H11S3, NOA, HFS, FINES, SONM, SONM, ZALV, ZALV, ZALV, HHC, HHC, BVAR, KURK, KURK, KURB, KURB.

MKAR Makanchi Arry 91.25 343 P P 01 08 28.5 +0.3
 comp=Z:1.1nm,1.1s,baz=17,slow=5.1,SNR=4.0
 comp=Z:1.1nm,1.1s

QSPA South Pole Qui 129.16 180 PKP PKIKP 01 14 31.5 +0.7
 comp=Z:2.7nm,1.0s,baz=87,slow=10.0,SNR=4.2

IDC 19 01:37:56.9±0.7, 4.26S; 101.16E, h0km, mb4.3/21,
 mbmp4.3/21, Error ellipse: s-maj=25.4km s-min=13.9km
 az=59.0

NEIC 19 01:37:58.6±1.4, 4.29S; 0.06×101.14E±0.08, h10km±1km,
 mb4.6/37, Error ellipse: s-maj=15.2km s-min=7.5km
 az=62.0

DJA 19 01:38:00.6±1.8, 4.5S; 101.1E, h24km, 18km, M4.7/13,
 mb4.9/1, mb4.9/1, ML4.7/12, MLV4.7/13, MLV4.8/2

GFZ 19 01:38:01.0±0.6, 4.5S; 101.1E, h26km±2km, M4.6/12,
 mb4.6/12, Error ellipse: s-maj=17.0km s-min=5.1km
 az=33.6, confirmed

ISC 19 01:38:01.0±0.5, 4.30S; 0.06×101.12E±0.05, h29km, n149,
 c097/141, mb4.5/47, Southern Sumatara

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
UBSI	University, Be	1.27 65	Op P	01 38 24.0	+0.3
UBSI	University, Be	1.27 65	Pb	01 38 29.4	+0.6
UBSI	Maura Aman, Be	1.61 44	P	01 38 29.4	+0.6
UBSI	Maura Aman, Be	1.61 44	P	01 38 29.3	+0.8
UBSI	Kapahiang	1.61 66	P	01 38 29.3	+0.8
MNAI	Manna	1.84 92	P	01 38 31.1	+0.5
MNAI	Manna	1.84 92	Sb	01 38 57.7	+1.2
MNAI	Manna	1.84 92	Pn	01 38 31.1	+0.5
MNAI	Manna	1.84 92	Pn	01 38 30.5	-0.1
PPSI	Pulau Pagai	1.88 324	S	01 38 31.6	+0.3
PPSI	Pulau Pagai	1.88 324	P	01 38 54.3	+0.3
PPSI	Pulau Pagai	1.88 324	P	01 38 31.5	+0.3
PPSI	Kerinci	2.45 79	P	01 38 41.2	+2.2
LHSI	Lahat	2.45 79	P	01 38 40.8	+1.8
LHSI	Lahat	2.45 79	P	01 38 53.6	-0.5
LHSI	Lahat	2.45 79	P	01 38 48.1	+1.1
LHSI	Lahat	2.45 79	P	01 38 49.0	+1.6
LHSI	Lahat	2.45 79	P	01 38 48.4	+1.0
SDSI	Sungai Dareh	3.36 5	P	01 38 52.8	+1.3
SDSI	Sungai Dareh	3.36 5	P	01 38 52.4	+0.9
SDSI	Padang	3.43 349	P	01 38 52.5	0.0
PDSI	Padang	3.43 349	P	01 38 52.5	0.0
SISI	Saibi	3.58 110	P	01 38 54.6	0.0
KASI	Kota Agung	3.58 110	P	01 38 54.5	+0.9
PPSI	Padang Panjang	3.88 349	P	01 38 57.5	-1.2
PMBI	Palemang	3.90 70	Pn	01 38 56.5	-2.5
BKNI	Bangka	4.60 359	Pn	01 39 07.2	-1.3
PBSI	Pulau Batu	5.08 326	P	01 39 14.5	-0.7
CGJI	Cibinong	5.10 117	P	01 39 15.4	-0.1
MNSI	Mandailing Nat	5.29 343	P	01 39 19.6	+1.5
CBSI	Citeko	6.09 110	P	01 39 35.0	+6.0
GSI	Gunungsitoli	6.60 327	P	01 39 37.2	+1.2
GSI	Gunungsitoli	6.60 327	P	01 39 36.0	0.0
GSI	Gunungsitoli	6.60 327	P	01 39 37.0	+1.0
MYKOM	Kota Tinggi	6.64 24	Pn	01 39 36.1	-0.6
BBSI	Bungbulang	7.22 116	P	01 39 43.7	-0.9
BBSI	Bungbulang	7.22 116	P	01 39 43.1	-1.1
BBSI	Bungbulang	7.22 116	P	01 39 43.8	-0.9
RPSI	Rantau Prapat	7.29 342	P	01 39 46.1	+0.6
RPSI	Rantau Prapat	7.29 342	P	01 39 45.7	+0.2
PSI	Prapat	7.39 343	P	01 39 47.6	+0.6
KCSI	Kotacane, Aceh	8.46 337	P	01 40 04.8	+3.2
KCSI	Kotacane, Aceh	8.46 337	P	01 40 01.5	-0.2
TPTI	TPTI	8.48 332	P	01 40 04.1	+2.2
TPTI	TPTI	8.48 332	P	01 40 03.4	+1.5
IPM	Ipo	8.72 359	Pn	01 40 05.0	-0.3
KULM	Kulim	9.54 357	P	01 40 15.3	-1.1
KULM	Kulim	9.54 357	P	01 40 17.3	+0.8
MLSI	Meulaboh, Aceh	9.72 331	P	01 40 19.4	+0.4
UGM	Wanagama	10.02 111	P	01 40 23.2	+0.1
UGM	Wanagama	10.02 111	Pn	01 40 22.2	-0.9
JAGI	Jajaj, Gunung Yuwa	14.05 108	P	01 41 09.4	+2.7
PLAI	Plampang	17.15 106	P	01 41 59.9	-0.2
TOLII	Tolitoli	20.37 75	P	01 42 34.7	-0.9
TOLII	Tolitoli	20.37 75	Iamb	01 42 39.8	
TOLII	Tolitoli	20.37 75	P	01 42 36.3	+0.8
CM31	Chiang Mai Arr	22.71 355	P	01 42 59.8	-0.9
CM31	Chiang Mai Arr	22.71 355	Iamb	01 43 02.9	
CMAR	Chiang Mai Arr	22.72 355	P	01 42 59.5	-1.1
CMAR	Chiang Mai Arr	22.72 355	PcP	01 46 51.9	-0.6
CMAR	Chiang Mai Arr	22.71 355	P	01 43 00.2	-0.5
CHTO	Chiang Mai	23.07 355	P	01 43 03.7	-0.6
CHTO	Chiang Mai	23.07 355	P	01 43 05.1	+0.8
NPW	Neyritaw	24.42 349	P	01 43 18.4	+1.1
SLVN	Son La	25.62 6	P	01 43 27.4	-0.8
SLVN	Son La	25.62 6	P	01 43 29.1	+1.0
FITZ	Fitzroy Crossi	27.64 122	P	01 43 46.0	-0.4
H08S2	Diego Garcia H	32.74 160	T	02 13 44.8	
H08S3	Diego Garcia H	32.75 160	T	02 18 48.9	
H08S1	Diego Garcia H	28.67 262	T	02 13 45.3	
H08S1	Diego Garcia H	28.67 262	T	02 13 49.1	
BNDI	Bandaaira	28.70 92	P	01 43 57.7	+1.8
KMI2	Kunming	29.32 3	P	01 44 03.4	+2.0
KMI2	Kunming	29.32 3	Pmax		
KNRA	Hong Kong Po S	29.33 25	P	01 44 01.6	+0.2
KNRA	Kunurra	29.43 115	P	01 44 00.3	-2.1
MTRN	Manton Dam	30.84 108	P	01 44 13.4	-1.4
MTN	Manton Dam	30.84 108	Iamb	01 44 32.8	
MTN	Manton Dam	30.84 108	P	01 44 15.3	-1.9
FAK1	Fak Fak	31.10 89	P	02 18 47.9	
H01W2	Cape Leeuwin H	32.75 160	T	02 18 48.9	
H01W1	Cape Leeuwin H	32.75 160	T	02 18 49.9	
H01W	Cape Leeuwin H	32.75 160	T	02 18 49.9	
EVNI	Everest	34.91 338	P	01 44 49.4	-1.6
EVNI	Everest	34.91 338	Iamb	01 45 02.0	
WBO	Warramunga Arr	35.88 118	P	01 44 58.7	-0.1
WBO	Warramunga Arr	35.88 118	Iamb	01 45 00.7	
WRA	Warramunga Arr	35.90 118	P	01 44 58.6	-0.3
WRA	Warramunga Arr	35.90 118	P	01 45 08.4	-0.1
AS31	Alice Springs	37.02 124	P	01 45 08.9	+0.4
ASAR	Alice Springs	37.02 124	P	01 45 08.9	+0.4

ASAR	Alice Springs	37.02 124	P	01 45 07.8	-0.7
XAN	Xi'an	38.84 10	P	01 45 24.6	+1.0
XAN	Nanjing	39.90 24	eP	01 45 34.1	+1.7
NJ2	Nanjing	39.90 24	eP	01 45 34.1	+1.7
COEN	Coen	42.55 106	P	01 45 53.4	-1.2
BBOO	Buckleboe	43.23 135	P	01 45 59.3	-0.6
GT A2	Gaotai	43.59 358	eP	01 46 03.8	+1.1
GT A2	Gaotai	43.59 358	eP	01 46 11.3	-0.1
HHC	Hu-ho-hao-te	45.94 11	eP	01 46 21.4	0.0
HHC	Hu-ho-hao-te	45.94 11	eP	01 46 21.4	0.0
HHC	Hu-ho-hao-te	45.94 11	eP	01 46 21.4	0.0
HHC	Hu-ho-hao-te	45.94 11	eP	01 46 21.4	0.0
HHC	Hu-ho-hao-te	45.94 11	eP	01 46 21.4	0.0
JNU	Nakatsue	46.69 35	eP	01 46 26.2	-1.2
JNU	Nakatsue	46.69 35	eP	01 46 26.2	-1.2
STKA	Stephens Creek	46.81 131	P	01 46 28.8	+0.5
STKA	Stephens Creek	46.81 131	P	01 46 28.8	+0.5
KSR5	Korea Arry	48.46 29	P	01 46 40.0	-0.9
KSR5	Korea Arry	48.46 29	P	01 46 40.0	-0.9
JMN	Monobe	48.88 37	P	01 46 43.4	-0.9
KSH2	Kashi	49.25 334	P	01 46 48.0	+0.8
KSH2	Kashi	49.25 334	sP	01 46 56.0	+0.1
WMQ	Urumqi	49.41 347	eP	01 46 50.3	+2.1
WMQ	Urumqi	49.41 347	eP	01 46 58.4	+1.4
WUS	Wushi	49.51 338	P	01 46 49.7	+0.6
TARG	Taragay, Kyrgy	50.50 337	P	01 46 56.9	0.0
TARG	Taragay, Kyrgy	50.50 337	Iamb	01 47 15.6	
PRZ	Przheval'sk	50.92 338	P	01 46 59.7	-0.2
PRZ	Przheval'sk	50.92 338	Iamb	01 47 24.9	
NRN	Naryn	50.96 336	P	01 46 59.9	-0.5
NRN	Naryn	50.96 336	Iamb	01 47 10.6	
KDJ	Kajisar	51.08 337	P	01 47 01.3	+0.2
PDGK	Podgornoye	51.26 340	P	01 47 02.6	+0.1
BOOM	Boomsokoys usch	51.87 336	P	01 47 06.1	-0.9
BOOM	Boomsokoys usch	51.87 336	Iamb	01 47 18.0	
SOMN	Songino Arry	52.12 5	P	01 47 10.0	+1.3
SOMN	Songino Arry	52.12 5	PcP	01 48 21.1	+0.7
SOMN	Songino Arry	52.12 5	Iamb	01 47 08.5	-0.2
SOMN	Songino Arry	52.12 5	Iamb	01 47 11.2	
ARSB	Arslanbob	52.17 333	P	01 47 09.5	+0.3
ARSB	Arslanbob	52.17 333	Iamb	01 47 19.7	
ULN	Ulaanbaatar	52.21 5	P	01 47 09.2	-0.1
ULN	Ulaanbaatar	52.21 5	P	01 47 10.2	+0.9
ULN	Ulaanbaatar	52.21 5	P	01 47 10.2	+0.9
MJAR	Matsushiro Arr	53.39 37	P	01 47 16.8	-1.3
MJAR	Matsushiro Arr	53.39 37	P	01 47 16.8	-1.3
MJAR	Matsushiro Arr	53.39 37	P	01 47 16.6	-1.5
MJAR	Matsushiro Arr	53.39 37	P	01 47 19.7	+0.7
MKAR	Makanchi Arry	53.53 344	P	01 47 18.9	-0.1
MAK2	Makanchi	53.63 344	P	01 47 20.0	+0.3
USAOB	Ussuriysk Arra	55.68 27	P	01 47 34.3	-0.3
USKR	Ussuriysk Arr	55.68 27	P	01 47 35.0	+0.4
USKR	Ussuriysk Arr	55.68 27	P	01 47 34.8	+0.2
KURBB	Kurchatov Arra	58.06 343	P	01 47 51.8	+0.5
KURK	Kurchatov	58.12 343	P	01 47 51.5	-0.2
KURK	Kurchatov	58.12 343	Iamb	01 47 53.2	
KURK	Kurchatov	58.12 343	P	01 47 52.2	+0.5
KURK	Kurchatov	58.12 343	P	01 48 00.4	-0.3
KURK	Kurchatov	58.12 343	P	01 48 01.7	-0.3
ZAAO	Zalesovo Arry	59.62 349	P	01 48 01.6	-0.5
ZAAO	Zalesovo Arry	59.62 349	Iamb	01 48 03.5	
ZALV	Zalesovo Beam	59.62 349	P	01 48 02.5	+0.3
ZALV	Zalesovo Beam	59.62 349	P	01 48 01.6	-0.5
H04N2	CROZET ISLANDS 61.50 218	T	02 52 38.2		
H04N1	CROZET ISLANDS 61.51 218	T	02 52 37.7		
H04N3	CROZET ISLANDS 61.52 218	T	02 52 37.1		
H04N3	CROZET ISLANDS 61.52 218	T	02 52 54.5		
H04S1	CROZET ISLANDS 59.90 217	T	02 52 52.3		
H04S3	CROZET ISLANDS 59.92 217	T	02 52 50.9		
H04S2	CROZET ISLANDS 59.92 217	T	02 52 50.9		
BVAR	Borovyoye Arry	62.71 340	P	01 48 23.1	0.0
BORK	Borovyoye	62.76 340	P	01 48 23.0	-0.4
BORK	Borovyoye	62.76 340	Iamb	01 48 32.4	
AB31	Akbulak Arry	64.18 331	P	01 48 32.3	-0.6

19d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KST, KST, KST, TKM2, TKM2, UZB, UZB, UCH, UCH, SALK, SALK, KURS, KURS, KURS, SHLS, SHLS, SHLS, DGS, DGS, DGS, KPKS, KPKS, KPKS, AAK, AAK, AAK, SFK, SFK, PDGK, PDGK, PDGK, KTBS, KTBS, KTBS, KRBS, KRBS, KRBS, KTMS, KTMS, KTMS, SGDS, SGDS, SGDS, ARXS, ARXS, ARXS, MRKS, MRKS, MRKS, KNOS, KNOS, KNOS, DJR, DJR, DJR, BTLS, BTLS, KK31, KK31, KK31.

MEX 19 04:03:07.9-1.3, 14.72Nk:92.96W, h55km, 25km, MD4.1
CATAC 19 04:03:09.5-0.8, 15.1Nk:93.3W, h27km, 4km, M3.6/8,
MLV3.6/8, Error ellipse: s-maj=10.9km s-min=8.9km
az=95.3, confirmed

GCG 19 04:03:09.7-2.0, 14.62Nk:92.59W, h59km, 19km, MD4.2,
ML4.1, Presumed earthquake

ISC 19 04:03:07.3-1.3, 14.83Nk:0.06E, 92.77W, 0.04, h63km, 11km,
h35, c158/50, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG, THIG, THIG, SMCA, SMCA, SMCA, PATR, PATR, PATR, CHUJ, CHUJ, CHUJ, PAVE, PAVE, PAVE, RTAL, RTAL, RTAL, QUEO, QUEO, QUEO, SOKI, SOKI, SOKI, STGB, STGB, STGB, HUEH, HUEH, HUEH.

2020 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUEH, HUEH, HUEH, QUIS, QUIS, QUIS, TGIG, TGIG, TGIG, FG8, FG8, FG8, FG16, FG16, FG16, APG, APG, APG, FAME, FAME, FAME, NUBE, NUBE, NUBE, CEVE, CEVE, CEVE, CMIG, CMIG, CMIG, CMIG3, CMIG3, CMIG3, MTO3, MTO3, MTO3, JAYA, JAYA, JAYA, JAYA, JAYA, JAYA, HUIG, HUIG, HUIG, HUIG, HUIG, HUIG, PETF, PETF, PETF, LOMA, LOMA, LOMA, NEUV, NEUV, NEUV, PEIG, PEIG, PEIG, PEIG, PEIG, PEIG, SCIG, SCIG, SCIG, SCIG, SCIG, SCIG, YGIG, YGIG, YGIG, TOIG, TOIG, TOIG, TOIG, TOIG, TOIG.

IDC 19 04:06:16.3-1.4, 56.24Nk:161.16W, h0km, mb3.7/9,
mbtmp3.6/12, ML3.2/3, Error ellipse: s-maj=38.5km
s-min=17.7km az=163.0

NEIC 19 04:06:17.1-1.3, 54.93Nk:0.07E:160.32W:0.06, h47km, 6km,
mb4.0/16, ML3.5/8, ML3.3/AEIC, Error ellipse:
s-maj=10.0km s-min=8.8km az=170.0

AEIC 19 04:06:17.3-1.8, 54.88Nk:0.05E:160.32W:0.06, h22km, 4km,
Error ellipse: s-maj=7.6km s-min=5.0km az=190.0

ISC 19 04:06:16.2-0.8, 54.93Nk:0.06E:160.28W:0.04, h48km, 7km,
n143, c192/142, mb3.9/13, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHNA, CHNA, CHNA, CNBA, CNBA, CNBA, CNBA, CNBA, SDPT, SDPT, SDPT, DOL, DOL, DOL, PS1A, PS1A, PS1A, PVV, PVV, PVV, PS4, PS4, PS4, HAG, HAG, HAG, PNTA, PNTA, PNTA, DTNA, DTNA, DTNA, DTI, DTI, DTI, VNKR, VNKR, VNKR, VNSS, VNSS, VNSS, VNFG, VNFG, VNFG, CHGN, CHGN, CHGN, ANPB, ANPB, ANPB, R16K, R16K, R16K, AKUT, AKUT, AKUT, AKUT, AKUT, AKUT, AHB, AHB, AHB, AKLV, AKLV, AKLV, ZRO, ZRO, ZRO, LVA, LVA, LVA, LVA, LVA, LVA, UNV, UNV, UNV, UNV, UNV, UNV, SII, SII, SII, SII, SII, SII, MNAT, MNAT, MNAT, MGOD, MGOD, MGOD, Q17K, Q17K, Q17K, ANCK, ANCK, ANCK, O15K, O15K, O15K, ACHA, ACHA, ACHA, P16K, P16K, P16K, P16K, P16K, P16K, KABU, KABU, KABU, O14K, O14K, O14K, O14K, O14K, O14K, KAKN, KAKN, KAKN, OHAH, OHAH, OHAH, OHAH, OHAH, OHAH, KAWH, KAWH, KAWH, KARR, KARR, KARR, Q18K, Q18K, Q18K, P17K, P17K, P17K, OKTU, OKTU, OKTU, O16K, O16K, O16K, N14K, N14K, N14K, N14K, N14K, N14K, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, O17K, O17K, O17K, P18K, P18K, P18K, N15K, N15K, N15K, N15K, N15K, N15K, Q19K, Q19K, Q19K, N16K, N16K, N16K, O18K, O18K, O18K, M13K, M13K, M13K.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M15K, M15K, M15K, N17K, N17K, N17K, M14K, M14K, M14K, SPIA, SPIA, SPIA, SPIA, SPIA, SPIA, O19K, O19K, O19K, N18K, N18K, N18K, M11K, M11K, M11K, ILSW, ILSW, ILSW, L14K, L14K, L14K, M17K, M17K, M17K, F17K, F17K, F17K, L15K, L15K, L15K, L16K, L16K, L16K, M18K, M18K, M18K, L17K, L17K, L17K, K13K, K13K, K13K, K15K, K15K, K15K, L18K, L18K, L18K, SEW, SEW, SEW, L19K, L19K, L19K, K17K, K17K, K17K, M20K, M20K, M20K, J14K, J14K, J14K, J16K, J16K, J16K, J17K, J17K, J17K, P1W, P1W, P1W, ATKA, ATKA, ATKA, J18K, J18K, J18K, K20K, K20K, K20K, HIN, HIN, HIN, FID, FID, FID, J19K, J19K, J19K, SCM, SCM, SCM, J20K, J20K, J20K, ADK, ADK, ADK, F15K, F15K, F15K, IMAR, IMAR, IMAR, ILAR, ILAR, ILAR.

ILAR Eielson Array 11.91 29 AML AML
G21K Alakake 12.07 13 Pn Pn
H27K Steamboat Mout 14.52 31 Pn Pn
I28M Miner Creek 14.52 35 Pn Pn
G29M Pine Creek 16.03 33 Pn Pn
C27K Jago River 16.53 21 Pn Pn

comp=N,0.1nm,0.3s,baz=223,slow=12,SNR=4.3
comp=N,0.1nm,0.8s

G30M tAoh Zraii Nji 16.64 34 Pn Pn
H31M Peel River 16.67 39 Pn Pn
H31M comp=Z,12nm,1.5s Iamb Iamb

F30M Barrier River 17.15 33 Pn Pn
G31M Satah River 17.26 36 Pn Pn
G31M comp=Z,8.0nm,1.3s Iamb Iamb

INK Inuvik 18.25 32 P P
comp=Z,0.1nm,0.3s,baz=212,slow=19,SNR=4.4
comp=Z,0.7nm,0.9s

INK Inuvik 18.25 32 AML AML
YKA Yellowknife Ar 24.42 53 P P
YKA Yellowknife Ar 24.42 53 P P
PEAOB Petropavlovsk- 24.49 283 P Iamb Iamb

PEAOB comp=Z,0.4nm,0.7s,baz=281,slow=9.3,SNR=1.6
PETK Petropavlovsk- 24.49 283 P P
comp=Z,1.7nm,1.0s
PETK Petropavlovsk- 24.49 283 P P
B08A Colville Reser 25.94 88 P Iamb Iamb

B08A comp=Z,1.4nm,0.7s Iamb Iamb
H11N2 WAKE ISLAND Hy 43.04 228 T T
H11N3 WAKE ISLAND Hy 43.04 228 T T
H11N1 WAKE ISLAND Hy 43.05 228 T T

H11N1 WAKE ISLAND Hy 44.20 228 T T
H11S2 WAKE ISLAND Hy 44.22 228 T T
H11S3 WAKE ISLAND Hy 44.22 228 T T

SCO Scoresbysund 51.37 17 P Iamb Iamb
SCO comp=Z,7.8nm,1.4s

L56A Greenwood 53.11 67 P P
FIA1 FINES Array S 63.86 357 P P
FINES FINES Array B 63.86 357 P P
comp=Z,0.8nm,0.5s,baz=9.2,slow=8.7,SNR=12
comp=Z,0.8nm,0.5s

FINES FINES Array B 63.86 357 P P
NC405 NORSTAR Array S 64.12 4 P P
HFS Hagfors 65.18 3 P P
comp=Z,0.7nm,0.5s,baz=345,slow=5.1,SNR=4.6
comp=Z,0.7nm,0.5s

MKAR Makanchi Array 65.75 318 P P
comp=Z,0.1nm,0.5s,baz=50,slow=6.3,SNR=1.3
comp=Z,0.1nm,0.5s

MKAR Makanchi Array 65.75 318 P P
EKA Eskdalemuir Ar 68.51 14 P P
comp=Z,0.3nm,0.5s,baz=351,slow=4.2,SNR=4.2
comp=Z,0.3nm,0.5s

AB31 Akbulak array 70.84 333 P Iamb Iamb
AB31 comp=Z,1.1nm,0.6s

ABKAR Akbulak array 70.84 333 P P
AKASC Main Array B 74.44 354 P P
comp=Z,0.4nm,0.3s,baz=10,slow=6.0,SNR=2.3
comp=Z,0.4nm,0.3s

AKASC Malin Array Be 74.44 354 P P
comp=Z,2.8nm,1.1s
CMAR Chiang Mai Arr 81.11 289 P P
comp=Z,1.0nm,0.3s
comp=Z,1.0nm,0.3s

CMAR Chiang Mai Arr 81.11 289 P P
ESDC Sonseca Array 83.60 18 P P
comp=Z,0.3nm,0.6s,baz=341,slow=3.8,SNR=2.4
comp=Z,0.3nm,0.6s

ESDC Sonseca Array 83.60 18 P P
QSPA South Pole Qui 144.71 180 PKPbc PKPbc
comp=Z,1.0nm,0.8s,baz=167,slow=2.9,SNR=2.6
QSPA South Pole Qui 144.71 180 PKPdf PKPdf

ASAR Alice Springs 22.98 176 P AML AML
comp=Z,0.3s,baz=356,slow=9.6,SNR=14
2.6nm,0.8s

MKAR Makanchi Array 64.33 324 P P
comp=Z,0.2nm,0.6s,baz=123,slow=7.4,SNR=2.4
0.2nm,0.6s

IDC 19 04:24:42.1-2.9, 9.060S:132.39E, h0km, mb3.5/2,
mbtmp3.5/3, ML3.6/1, MS3.4/1, Error ellipse:
s-maj=150.9km s-min=28.8km az=73.0, Irian Jaya
region

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

FITZ	Warramunga Arr	13.67 153	AML Pn	04 28 03.5	-5.7
WRA	0.2nm, 0.3s, baz=329, slow=12, SNR=14				
WRA	0.5nm, 0.3s, baz=328, slow=23, SNR=11			04 30 27.3	-15
0.1nm, 0.4s					
WRA	Alice Springs	16.88 161	AML Pn	04 28 45.9	-5.9
ASAR	0.2nm, 0.3s, baz=342, slow=11, SNR=20				
ASAR	0.1nm, 0.3s, baz=343, slow=25, SNR=1.7			04 31 45.1	-15
1.1nm, 0.6s					
ASAR	Stephens Creek	27.22 154	AML P	04 30 38.2	-1.5
STKA	2.8nm, 0.8s, baz=339, slow=14, SNR=1.8				
2.8nm, 0.8s					

REN 19 04:31:05.0±1.1, 38.18N±0.01±117.80W±0.01, h9km, 3km, Error ellipse: s-maj=1.6km s-min=1.5km az=199.0
 NEIC 19 04:31:04.6, 38.17N±117.80W, h7km
 NEIC 19 04:31:04.6±1.1, 38.17N±0.00±117.80W±0.01, h7km, 1km, ML3.4/207, Mwr3.5/20, ML3.8/15(REN), Error ellipse: s-maj=1.4km s-min=0.5km az=84.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁴Nm; M_{rr}-0.65; M_{θθ}2.28; M_{φφ}-1.63; M_{rθ}-0.05; M_{rφ}0.05; M_{θφ}0.38; Fault plane solution: Mw0.70000×10¹⁴ NP1: φ=132.65000°, δ77.32000°, λ-14.43000°. NP2: φ=225.89000°, δ75.93000°, λ-166.92000°. Principal axes: T 2.2772, P1g1.0000, Azm179.0000; N -0.5176, P1g17.0000, Azm272.0000; P -1.7595, P1g19.0000, Azm89.0000; Nevada

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
			Op	h m s	ISC
COLR	Columbus	0.20 263	Pg	04 31 09.1	+0.4
COLR			Sg	04 31 12.4	+1.0
NV11	Mina Array Sit	0.38 313	Pg	04 31 12.3	+0.2
NV11			Sg	04 31 17.1	0.0
NV11	comp=E, 3um, 0.7s		IAML	04 31 18.0	
NV06	Mina Array Sit	0.45 304	Pg	04 31 13.7	+0.3
NV06			Sg	04 31 20.3	+1.0
NV07	Mina Array Sit	0.46 302	Pg	04 31 13.8	+0.4
NV07			Sg	04 31 20.1	+0.6
NV03	Mina Array Sit	0.46 304	Pg	04 31 14.0	+0.3
NV03			Sg	04 31 20.5	+0.4
NV08	Mina Array Sit	0.47 300	Pg	04 31 14.0	+0.3
NV08			Sg	04 31 20.2	+0.4
TPH	Tonopah	0.47 102	Pg	04 31 14.3	+0.6
TPH			Sg	04 31 20.5	+0.6
TPH	comp=E, 2um, 0.3s		IAML	04 31 21.2	
TPH	comp=N, 5um, 0.3s		IAML	04 31 21.5	
NV04	Mina Array Sit	0.47 303	Pg	04 31 14.1	+0.4
NV04			Sg	04 31 20.6	+0.7
NV01	Mina Array Sit	0.47 303	Pg	04 31 14.1	+0.4
NV01			Sg	04 31 20.4	+0.5
NV05	Mina Array Sit	0.47 306	Pg	04 31 14.0	+0.2
NV05			Sg	04 31 20.6	+0.6
NV02	Mina Array Sit	0.48 304	Pg	04 31 14.2	+0.3
NV09	Mina Array Sit	0.49 302	Pg	04 31 14.5	+0.3
NV09			Sg	04 31 21.7	+1.0
LHV	Little Huntton	0.56 279	Pg	04 31 15.7	+0.3
LHV			Sg	04 31 23.3	+0.7
LHV	comp=N, 2um, 0.5s		IAML	04 31 28.6	
LHV	comp=E, 3um, 0.7s		IAML	04 31 29.4	
DSP	Deep Springs	0.81 189	Pg	04 31 20.3	+0.2
DSP			Sg	04 31 31.1	+0.4
Q05A	Carvers	0.82 36	Pg	04 31 20.7	+0.2
Q05A			Sg	04 31 32.0	+0.4
KVN	Kaiserville	0.91 345	Pg	04 31 21.7	-0.4
KVN			Sg	04 31 33.7	-0.2
KVN			IAML	04 31 38.3	
LCH	comp=E, 724nm, 0.6s		IAML	04 31 23.0	+0.3
GMN	Last Coloe Ra	0.94 172	Pg	04 31 23.1	-0.1
GMN	Gold Mountain	0.97 153	Pg	04 31 35.7	-0.1
GMN			Sg	04 31 40.3	
MLAC	comp=E, 1um, 0.8s		IAML	04 31 23.6	+0.2
MLCBM	Mammoth	0.98 237	Pg	04 31 23.4	+0.2
MDYM	Casa Benchmark	1.01 239	Pg	04 31 23.6	+0.2
MDPB	Dry Creek	1.08 242	Pb	04 31 25.7	-0.2
MDPB	Devils Postpil	1.14 242	Pb	04 31 26.3	-0.2
MDPB			IAML	04 31 41.8	
MDPB	comp=N, 572nm, 0.4s		IAML	04 31 42.5	
TIN	comp=E, 601nm, 0.7s		IAML	04 31 26.9	-0.1
TIN	Tinemaha, Big	1.17 197	Pg	04 31 26.9	-0.1
TIN			IAML	04 31 48.5	
GRAC	comp=E, 1um, 0.8s		IAML	04 31 28.5	+0.3
GRAC	Grapevine Rang	1.22 163	Pg	04 31 28.1	0.0
GRAC			IAML	04 31 49.3	
GRAC	comp=N, 2um, 0.4s		IAML	04 31 51.0	
GRAC	comp=E, 2um, 0.3s		IAML	04 31 51.0	
WAKR	Walker	1.33 285	Pn	04 31 29.4	-0.4
WAKR			IAML	04 31 50.4	
WAKR	comp=N, 501nm, 0.7s		IAML	04 31 51.4	
KCC	comp=E, 350nm, 0.7s		IAML	04 31 32.5	+0.2
WCT	Kaiser Creek	1.47 235	Pb	04 31 34.4	+0.1
PNTR	Wildcat Mounta	1.66 145	Pn	04 31 34.4	+0.3
PNTR	Pine Nut	1.69 304	Pn	04 31 34.4	-0.3
TPNW	Topopah Spring	1.74 134	Pb	04 31 35.9	+0.4
CWC	Cottonwood Cre	1.74 187	Pb	04 31 36.3	-0.7
FURC	Furnace Creek,	1.86 156	Pn	04 31 37.1	+0.2
CPY	CP-1	1.86 131	Pn	04 31 37.0	0.0
SDH	Striped Hills	1.92 142	Pn	04 31 38.2	+0.4
PAHR	Pat Rah Range	1.97 322	Pn	04 31 38.4	-0.1
PAHR			IAML	04 32 07.7	
PAHR	comp=N, 408nm, 0.5s		IAML	04 32 11.8	
CMB	comp=E, 372nm, 0.7s		IAML	04 31 39.1	-0.4
CMB	Columbia Colle	2.04 267	Pn	04 31 38.9	-0.6
MPK	comp=E, 372nm, 0.7s		IAML	04 31 40.2	+0.1
MPMC	Manual Prospec	2.12 173	Pn	04 31 40.4	-0.4
GWY	Greenwater Val	2.18 155	Pb	04 31 41.6	+0.1
PEAR	Peavine Mounta	2.21 311	Pn	04 31 43.8	-1.3
DONR	Donner Summit	2.29 302	Pb	04 31 46.1	-0.4
BMN	Battle Mountai	2.30 11	Pn	04 31 43.0	-0.2
BMN	Battle Mountai	2.30 11	IAML	04 32 18.0	
BMN	comp=E, 121nm, 0.6s		IAML	04 32 18.7	
PRN	comp=N, 268nm, 0.3s		IAML	04 31 43.1	-0.1
QSM	Pahroc Range	2.31 108	Pn	04 31 43.4	+0.1
QSM	Queen of Sheba	2.33 161	Pn	04 32 26.4	
QSM	Queen of Sheba	2.33 161	IAML	04 32 26.4	
QSM	comp=N, 125nm, 0.7s		IAML	04 32 27.7	
CLC	comp=E, 146nm, 1.0s		IAML	04 32 27.7	
TOW	China Lake	2.36 176	Pn	04 31 43.9	+0.1
TOW	Tower One	2.36 179	Pn	04 31 44.7	+0.9
SRTC	Snort	2.47 179	Pn	04 31 46.3	+0.9
VES	Vestal, Richgr	2.54 204	Pn	04 31 47.9	+1.3
VES			IAML	04 32 26.1	
VES	comp=N, 274nm, 0.7s		IAML	04 32 26.9	
ISA	comp=E, 202nm, 0.4s		IAML	04 31 46.7	+0.1
AFDM	Isabella, Lake	2.56 192	Pn	04 31 46.7	+0.1
AFDM	Forest Hills D	2.60 288	IAML	04 32 31.7	
AFDM	comp=N, 105nm, 0.4s		IAML	04 32 32.4	
BEKR	comp=E, 112nm, 0.4s		IAML	04 31 48.5	+1.1
BEKR	Beckworth	2.61 311	Pn	04 32 30.2	
BEKR			IAML	04 32 31.5	
CCCA	comp=N, 130nm, 0.7s		IAML	04 31 48.7	+0.7
CCCA	Chr Cany lake	2.66 172	Pn	04 32 35.4	
CCCA			IAML	04 32 42.0	
CCCA	comp=E, 216nm, 1.0s		IAML	04 32 42.0	
LRMC	comp=N, 214nm, 0.9s		IAML	04 32 39.3	
LRMC	Laurel Mtn Rad	2.69 178	IAML	04 32 39.3	
LRMC	comp=E, 83nm, 0.8s		IAML	04 32 39.3	

GSC	Goldstone, Bar	2.97 164	IAML	04 32 46.6	
GSC	comp=N, 81nm, 0.7s		IAML	04 32 51.0	
PMPB	Monarch Peak	3.09 232	IAML	04 32 51.2	
PMPB	comp=N, 167nm, 1.1s		IAML	04 32 51.8	
PKD	Bear Valley Ra	3.12 225	IAML	04 32 46.8	
PKD	comp=N, 96nm, 1.1s		IAML	04 32 46.9	
PSUT	Pine Spring	3.13 82	IAML	04 32 46.0	
PSUT	comp=N, 62nm, 1.3s		IAML	04 32 46.0	
PSUT	comp=N, 106nm, 0.4s		IAML	04 32 48.5	
MHC	Mount Hamilton	3.15 256	IAML	04 32 48.2	
MHC	comp=N, 110nm, 0.9s		IAML	04 32 48.2	
MTPC	Mountain Pass	3.23 145	IAML	04 32 51.0	
MTPC	comp=N, 68nm, 0.6s		IAML	04 32 53.6	
ELK	Elko	3.25 37	Pn	04 31 56.4	+0.1
ELK	Elko	3.25 37	IAML	04 32 47.9	
ELK	comp=E, 55nm, 0.4s		IAML	04 32 48.0	
TPO	Tropico Hills	3.30 186	IAML	04 33 08.2	
CCUT	Cedar City	3.57 99	IAML	04 33 03.0	
OSI	Oso Audit: C	3.63 192	IAML	04 33 07.7	
OSI	comp=N, 38nm, 1.0s		IAML	04 33 08.5	
OSI	comp=E, 48nm, 0.7s		IAML	04 33 05.3	
CVS	Carmen Viney	3.67 274	IAML	04 33 05.3	
003E	Paynes Creek	3.76 306	IAML	04 33 13.3	
003E	comp=E, 92nm, 0.8s		IAML	04 33 17.1	
SZCU	Shurtz Canyon	3.77 97	IAML	04 33 07.6	
SZCU	comp=N, 50nm, 0.9s		IAML	04 33 11.7	
LCMT	Little Creek M	3.80 106	Pn	04 32 04.2	+0.4
HATC	Hat Creek Radi	3.87 314	IAML	04 33 14.4	
HATC	comp=N, 62nm, 1.2s		IAML	04 33 55.0	
KNB	Kanab	4.12 105	Pn	04 32 08.9	+0.7
KNB	Kanab	4.12 105	IAML	04 33 16.8	
KNB	comp=E, 29nm, 0.7s		IAML	04 33 21.3	
MOD	Modoc Plateau	4.19 334	IAML	04 33 19.8	
MOD	comp=N, 29nm, 1.1s		IAML	04 33 20.7	
TCRU	Three Creeks R	4.23 82	IAML	04 33 27.2	
TCRU	comp=N, 36nm, 0.6s		IAML	04 33 27.7	
DUG	Dugway, Tooele	4.37 61	IAML	04 33 22.2	
PKCU	Pink Cliffs	4.41 98	IAML	04 33 27.1	
PKCU	comp=N, 61nm, 1.0s		IAML	04 33 27.4	
BELC	Belle Mtn. Jos	4.41 160	IAML	04 33 27.1	
BELC	comp=N, 63nm, 0.5s		IAML	04 33 35.0	
BELC	comp=E, 34nm, 0.9s		IAML	04 33 26.9	
MTPU	Mount Pierson	4.43 90	IAML	04 33 30.3	
IRM	Iron Mountain	4.55 151	IAML	04 33 32.9	
IRM	comp=N, 45nm, 0.6s		IAML	04 33 38.7	
M03C	McCloud	4.55 314	IAML	04 33 57.6	
M03C	comp=N, 22nm, 1.0s		IAML	04 33 35.3	
M03C	comp=N, 39nm, 1.5s		IAML	04 33 39.8	
BGU	Big Grassy Mou	4.60 52	IAML	04 33 41.4	
BGU	comp=N, 43nm, 1.0s		IAML	04 33 49.6	
DNR	Dunn Ranch, Az	4.69 168	IAML	04 33 49.6	
DNR	comp=N, 50nm, 0.8s		IAML	04 33 38.5	
DNR	comp=N, 30nm, 0.6s		IAML	04 33 52.1	
U15A	North Rim	4.73 110	IAML	04 33 38.6	
U15A	comp=N, 35nm, 0.8s		IAML	04 33 39.4	
U15A	comp=E, 34nm, 0.9s		IAML	04 33 48.2	
NLU	North Lily Min	4			

19d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDOK, Medeo, TNS5, etc.

IDC 19 05:41:59.3z, 2.8, 3.29N-85.51W, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=201.2km s-min=58.1km az=52.0, Off coast of central America

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

IDC 19 06:11:58.0z, 1.4, 4.32N-126.35E, h0km, mb4.0/5, mbtmp3.9/6, ML3.8/1, Error ellipse: s-maj=105.7km s-min=18.6km az=67.0

NEIC 19 06:12:00.8z, 1.7, 1.38N-109.126z, 35E, 0.08, h20km, 5km, mb4.2/9, Error ellipse: s-maj=15.1km s-min=9.0km az=214.0

DJA 19 06:12:03.0z, 0.5, 2.14N-127.7E, h26km, 5km, M3.8/6, ML3.7/7, MLV3.8/6, ML3.8/6

ISC 19 06:11:58.6z, 0.6, 1.50N-0.06z, 126.53E, 0.07, h10km, n25, az=20/24, mb4.2/10, Northern Molucca Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ, WB0, WRAB, etc.

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

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

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

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

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

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

LVSN 19 06:16:57.4z, 3.1, 59.60N-22.48E, h0km, 16km, ML2.2, Presumed earthquake

HEL 19 06:16:57.0z, 0.1, 59.59N-22.58E, h0km, ML2.0, Explosion

EST 19 06:16:57.0z, 0.1, 59.59N-22.58E, h0km, ML2.0(HEL), Explosion

IDC 19 06:16:58.5z, 2.5, 59.84N-22.39E, h0km, mbtmp2.7/4, ML2.1/4, Error ellipse: s-maj=33.9km s-min=11.1km az=165.0

ISC 19 06:16:55.2z, 0.8, 59.85N-0.03z, 22.61E, 0.03, h0km, n41, s1901/52, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TVF, EE01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EE06, MEF, etc.

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

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

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KRSC 19 06:21:24.9z, 0.9, 53.91N-169.09E, h45km, 30km, MI3.5, Komandorsky Islands region

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

JMA 19 06:21:27.6z, 0.2, 23.3N-0.4z, 120.4E, 0.9, h0km, MV3.5/12, TAIWAN REGION

TAP 19 06:21:28.0z, 23.23N-120.39E, h11km, ML3.8, B

ISC 19 06:21:29.1z, 0.8, 23.25N-0.01z, 120.38E, 0.01, h18km, 4km, n142, s1910/261, 6D, Taiwan

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

SCST	Cishan	0.38 163	eP	Pb	06 21 37.8 +0.6
SCST	Szhu	0.41 340	eP	Sb	06 21 44.8 +2.1
WSF	Shoushan	0.42 174	iP	Pb	06 21 39.5 +0.8
WSF	Tuku	0.44 1	eP	Sb	06 21 46.1 +0.3
TWM1	Yuchang	0.44 38	iP	Pb	06 21 46.7 +2.1
WTK	Tsauling	0.44 38	iP	Sb	06 21 37.9 -0.6
CHNS	Douliu	0.46 18	iP	Pb	06 21 45.5 +0.6
CHNS	Douliu	0.46 18	iP	Sb	06 21 38.8 +0.1
WDLH	Douliu City	0.49 18	iP	Pb	06 21 46.9 +1.6
WDLH	Jiouru	0.53 169	eP	Sb	06 21 54.2 +1.9
SGLT	Sandimen	0.53 169	eP	Pb	06 21 41.8 0.0
SSD	Yushan	0.55 155	eP	Pb	06 21 40.0 -0.2
SSD	Yushan	0.55 155	eP	Sb	06 21 48.8 +1.0
YUS	Yushan	0.58 65	eP	Pb	06 21 40.7 -0.3
YUS	Yushan	0.58 65	eP	Sb	06 21 49.9 +0.6
ELDTW	Lidau	0.59 95	eP	Pb	06 21 40.4 -0.6
ELDTW	Lidau	0.59 95	eP	Sb	06 21 48.9 -0.2
TSMC	Majia	0.59 155	iP	Pb	06 21 40.7 -0.2
TSMC	Majia	0.59 155	iP	Sb	06 21 50.1 +1.1
NDT	Gushan	0.61 190	eP	Pb	06 21 47.3 -0.6
NDT	Gushan	0.61 190	eP	Sb	06 21 54.2 +1.9
WHYT	Xinyi Township	0.62 44	iP	Pb	06 21 41.3 -0.2
WHYT	Xinyi Township	0.62 44	iP	Sb	06 21 51.3 +1.3
RLNB	Erin	0.64 358	eP	Pb	06 21 41.7 0.0
RLNB	Erin	0.64 358	eP	Sb	06 21 52.0 +1.5
WRL	Guolierlin Hig	0.65 360	eP	Pb	06 21 42.0 0.0
WRL	Guolierlin Hig	0.65 360	eP	Sb	06 21 52.7 +1.0
WJS	Zhushan	0.66 29	eP	Pb	06 21 42.3 +0.2
WJS	Zhushan	0.66 29	eP	Sb	06 21 52.4 +1.5
WDGT	Dungji	0.66 271	iP	Pb	06 21 41.0 -1.1
WDGT	Dungji	0.66 271	iP	Sb	06 21 51.5 +0.6
MASBT	Mashibuluo	0.67 160	eP	Pb	06 21 44.9 -0.5
MASBT	Mashibuluo	0.67 160	eP	Sb	06 21 52.9 +1.6
WNT	Mingjian	0.69 24	eP	Pb	06 21 42.7 +0.1
WNT	Mingjian	0.69 24	eP	Sb	06 21 53.6 -0.6
SSLB	Suanglung	0.76 44	eP	Pb	06 21 43.1 -0.6
SSLB	Suanglung	0.76 44	eP	Sb	06 21 55.0 +1.3
SSLB	Suanglung	0.76 44	eP	Sb	06 21 55.0 +1.3
SSLB	Suanglung	0.76 44	eP	Sb	06 21 54.7 +0.9
TWG	Pinlang	0.77 123	eP	Pb	06 21 43.8 -0.1
TWG	Pinlang	0.77 123	eP	Sb	06 21 55.2 +1.1
EHD	Haiduan	0.77 97	eP	Pb	06 21 43.6 -0.3
EHD	Haiduan	0.77 97	eP	Sb	06 21 54.6 +0.5
LONT	Longtian	0.77 116	eP	Pb	06 21 43.4 -0.2
LONT	Longtian	0.77 116	eP	Sb	06 21 54.3 +0.2
TWGBT	Beinan	0.78 123	eP	Pb	06 21 43.6 -0.5
TWGBT	Beinan	0.78 123	eP	Sb	06 21 43.9 -0.2
SWPT	Xinbi	0.78 167	eP	Pb	06 21 55.3 +1.0
SWPT	Xinbi	0.78 167	eP	Sb	06 21 44.9 -0.5
PHUB	Peng-hu	0.79 290	iP	Pb	06 21 58.9 +2.5
PHUB	Peng-hu	0.79 290	iP	Sb	06 21 43.1 -1.3
TYC	Yuchang	0.79 34	iP	Pb	06 21 54.5 -0.1
TYC	Yuchang	0.79 34	iP	Sb	06 21 44.2 -0.1
CHNS	Chishang	0.79 101	eP	Pb	06 21 56.6 -0.1
CHNS	Chishang	0.79 101	eP	Sb	06 21 44.9 -0.3
SMLT	Sun Moon Lake	0.79 37	iP	Pb	06 21 57.0 +0.3
SMLT	Sun Moon Lake	0.79 37	iP	Sb	06 21 44.3 -0.1
PNG	Penghu	0.82 293	iP	Pb	06 21 56.7 -1.4
PNG	Penghu	0.82 293	iP	Sb	06 21 43.5 +0.2
WCH1	Changhua City	0.84 11	eP	Pb	06 21 58.5 0.0
WCH1	Changhua City	0.84 11	eP	Sb	06 21 45.0 0.0
ECL	Taimali	0.84 140	eP	Pb	06 21 45.1 0.0
ECL	Taimali	0.84 140	eP	Sb	06 21 57.3 +1.2
FULB	Fuli	0.84 93	iP	Pb	06 21 44.9 -0.3
FULB	Fuli	0.84 93	iP	Sb	06 21 58.5 0.0
WCHH	Zhanghua	0.84 11	eP	Pb	06 21 45.1 -0.2
WCHH	Zhanghua	0.84 11	eP	Sb	06 21 57.6 +1.3
TWF1	Yuli	0.85 83	eP	Pb	06 21 44.9 -0.5
TWF1	Yuli	0.85 83	eP	Sb	06 21 57.1 +0.6
YULB	Yu-li	0.86 80	eP	Pb	06 21 44.6 -1.2
YULB	Yu-li	0.86 80	eP	Sb	06 21 58.0 +0.9
YULB	Yu-li	0.86 80	eP	Pb	06 21 44.8 -1.0
YULB	Yu-li	0.86 80	eP	Sb	06 21 57.0 +0.3
TTN	Taitung	0.86 125	eP	Pb	06 21 46.7 +0.3
TTN	Taitung	0.86 125	eP	Sb	06 22 01.3 +2.8
WVDT	Wudat	0.86 54	iP	Pb	06 21 45.7 +0.1
WVDT	Wudat	0.86 54	iP	Sb	06 21 57.9 +0.9
EYUL	Yuli	0.87 83	iP	Pb	06 21 45.2 -0.4
EYUL	Yuli	0.87 83	iP	Sb	06 21 57.9 +0.9
VCHM	Qimei	0.87 268	eP	Pb	06 21 44.7 -1.4
VCHM	Qimei	0.87 268	eP	Sb	06 21 57.1 +0.1
VCHM	Qimei	0.87 268	eP	Sb	06 21 43.5 +0.2
EDH	Donghe	0.90 108	eP	Pb	06 22 00.3 +1.0
EDH	Donghe	0.90 108	eP	Sb	06 21 47.9 +1.1
TWP	Hsiaoliuchiu	0.90 166	eP	Pb	06 21 46.4 +0.2
TWP	Hsiaoliuchiu	0.90 166	eP	Sb	06 22 05.5 +1.1
SCZT	Fangliu	0.91 73	eP	Pb	06 21 46.2 -0.1
SCZT	Fangliu	0.91 73	eP	Sb	06 21 58.9 +2.5
CHKT	Chengkung	0.92 99	eP	Pb	06 21 47.1 0.0
CHKT	Chengkung	0.92 99	eP	Sb	06 22 01.7 +1.8
EHYH	Wanrong	0.92 74	eP	Pb	06 21 46.5 -0.1
EHYH	Wanrong	0.92 74	eP	Sb	06 21 59.7 +1.2
TCU	Taichung	0.94 17	eP	Pb	06 21 57.0 +1.2
TCU	Taichung	0.94 17	eP	Sb	06 22 00.8 +0.4
CHKH	Chenggong	0.94 93	eP	Pb	06 21 47.2 -0.1
CHKH	Chenggong	0.94 93	eP	Sb	06 22 01.6 +1.3
WCS	Beigang Elemen	0.94 31	eP	Pb	06 21 46.7 -0.2
WCS	Beigang Elemen	0.94 31	eP	Sb	06 22 01.3 +0.7
EAST	Anshuo	0.96 153	eP	Pb	06 21 47.4 +0.1
EAST	Anshuo	0.96 153	eP	Sb	06 22 02.1 +1.0
ECBN	Changbin	0.99 86	eP	Pb	06 21 48.2 +0.1
ECBN	Changbin	0.99 86	eP	Sb	06 22 04.5 +2.9
HGSD	Ruisui	0.99 76	eP	Pb	06 21 48.6 +0.5
HGSD	Ruisui	0.99 76	eP	Sb	06 22 03.3 +1.6
WUSB	Renai	1.00 42	eP	Pb	06 22 01.9 +0.9
WUSB	Renai	1.00 42	eP	Sb	06 22 01.9 +0.9
OWD	Renai	1.02 46	eP	Pb	06 21 48.0 -0.3
OWD	Renai	1.02 46	eP	Sb	06 22 02.3 +0.9
WARBT	Fenglin Townsh	1.04 63	eP	Pb	06 21 48.4 -0.2
WARBT	Fenglin Townsh	1.04 63	eP	Sb	06 22 02.4 +0.5
SLIU	Shizi	1.10 159	iP	Pb	06 21 49.1 +1.2
SLIU	Shizi	1.10 159	iP	Sb	06 22 05.8 +1.4
ESL	Shilin	1.12 60	eP	Pb	06 21 50.4 +0.4
ESL	Shilin	1.12 60	eP	Sb	06 22 06.1 +1.1
WDJ	Dajia District	1.12 12	eP	Pb	06 21 50.4 +0.5
WDJ	Dajia District	1.12 12	eP	Sb	06 22 01.8 +1.0
WHP	Taichung City	1.15 27	eP	Pb	06 21 50.2 -0.3
WHP	Taichung City	1.15 27	eP	Sb	06 22 08.0 +2.1
TWQ1	Liyutan	1.15 18	eP	Pb	06 21 50.5 +0.1
TWQ1	Liyutan	1.15 18	eP	Sb	06 22 07.5 +1.7
LDUT	Ludao	1.16 119	eP	Pb	06 21 50.2 -0.3
LDUT	Ludao	1.16 119	eP	Sb	06 22 07.5 +1.7
TEGC	Jichi Village	1.16 66	eP	Pb	06 21 51.3 +0.8
TEGC	Jichi Village	1.16 66	eP	Sb	06 22 07.8 +1.8
WHF	Hehuan Shan	1.21 42	eP	Pb	06 21 52.3 +0.8
WHF	Hehuan Shan	1.21 42	eP	Sb	06 22 08.9 +1.6
SHUL	Shoufeng	1.21 63	eP	Pb	06 21 49.3 +0.8
SHUL	Shoufeng	1.21 63	eP	Sb	06 22 09.4 +2.2
LXIB	Xiulin Townshi	1.22 51	eP	Pb	06 21 51.6 -0.2
LXIB	Xiulin Townshi	1.22 51	eP	Sb	06 22 09.3 +1.6
TDCB	Techi	1.23 35	eP	Pb	06 21 51.6 -0.3
TDCB	Techi	1.23 35	eP	Sb	06 22 08.9 +1.1
TWT	Tachien	1.24 36	eP	Pb	06 21 52.0 +0.2
TWT	Tachien	1.24 36	eP	Sb	06 22 09.4 +1.2
ETM	Tongmen	1.25 55	eP	Pb	06 21 52.3 +0.6
ETM	Tongmen	1.25 55	eP	Sb	06 22 09.1 +1.0
FUSS	Fushou	1.27 38	eP	Pb	06 21 52.6 +0.3
FUSS	Fushou	1.27 38	eP	Sb	06 22 10.2 +1.2
TEYL	Yanliu Villag	1.28 61	eP	Pb	06 21 54.0 +0.3
TEYL	Yanliu Villag	1.28 61	eP	Sb	06 22 11.2 +2.4
HWA	Hwalien	1.34 57	eP	Pb	06 21 54.8 -0.1
HWA	Hwalien	1.34 57	eP	Sb	06 22 12.8 +2.5
TWKB	Hengchun	1.36 163	eP	Pb	06 21 52.9 -0.4
TWKB	Hengchun	1.36 163	eP	Sb	06 21 49.1 +1.0
TWD	Chiawan	1.39 53	eP	Pb	06 21 43.5 +1.9
TWD	Chiawan	1.39 53	eP	Sb	06 21 54.4 -0.2
ETLH	Xiulin Townshi	1.39 46	eP	Pb	06 21 54.4 -0.2
ETLH	Xiulin Townshi	1.39 46	eP	Sb	06 22 13.3 +1.5
NACB	Ninganchiao	1.45 50	eP	Pb	06 21 54.8 +0.4
NACB	Ninganchiao	1.45 50	eP	Sb	06 21 55.1 -0.4
NACB	Ninganchiao	1.45 50	eP	Sb	06 21 54.3 +1.3
NSTT	Nanjuang	1.49 22	eP	Pb	06 21 55.3 +0.3
NSTT	Nanjuang	1.49 22	eP	Sb	06 22 16.3 -1.0
NNSB	Datong	1.49 38	eP	Pb	06 21 55.7 +0.6
NNSB	Datong	1.49 38	eP	Sb	06 22 16.0 -1.4
NNSB	Nan Shan	1.50 37	eP	Pb	06 21 55.9 -0.5
NNSB	Nan Shan	1.50 37	eP	Sb	06 22 16.0 -1.5

LIOB	Emei	1.51 23	eP	Pb	06 21 55.6 +0.3
LIOB	Emei	1.51 23	eP	Sb	06 22 16.8 -1.1
NFF	Wufeng Townshi	1.54 26	eP	Pb	06 21 56.1 +0.4
NFF	Wufeng Townshi	1.54 26	eP	Sb	06 22 16.9 -1.8
LAN	Lan-yu	1.62 138	eP	Pb	06 21 59.2 -1.0
LAN	Lan-yu	1.62 138	eP	Sb	06 21 49.6 +0.6
EAHA	Aohua	1.65 49	eP	Pb	06 22 21.3 -1.0
EAHA	Aohua	1.65 49	eP	Sb	06 21 58.3 -0.9
LATG	Datong	1.66 39	eP	Pb	06 22 21.3 -1.3
LATG	Datong	1.66 39	eP	Sb	06 21 55.2 -2.2
LYUB	Lan-yu	1.67 138	eP	Pb	06 22 16.9 -1.4
LYUB	Lan-yu	1.67 138	eP	Sb	06 22 22.5 -0.8
NSK	Sanguang	1.68 32	eP	Pb	06 21 58.4 +0.6
NSK	Sanguang	1.68 32	eP	Sb	06 22 22.8 -0.7
YHNB	Yeheng	1.69 33	eP	Pb	06 21 59.0 -0.7
YHNB	Yeheng	1.69 33	eP	Sb	06 22 20.6 +1.0
YHNB	Yeheng	1.69 33	eP	Pb	06 21 58.4 +0.7
YHNB	Yeheng	1.69 33	eP	Sb	06 22 21.8 -1.8
KSHI	Guaxin Townshi	1.69 25	eP	Pb	06 21 59.4 -0.5
KSHI	Guaxin Townshi	1.69 25	eP	Sb	06 22 23.6 -0.5
NDT	Datong Townshi	1.70 37	eP	Pb	06 21 57.9 -0.2
NDT	Datong Townshi	1.70 37	eP	Sb	06 22 06.0 +0.8
ENA	Nanau	1.71 46	eP	Pb	06 22 25.5 +0.6
ENA	Nanau	1.71 46	eP	Sb	06 22 01.7 -0.6
WULAI	Wulai	1.84 34	eP	Pb	06 22 26.5 -2.0
WULAI	Wulai	1.84 34	eP	Sb	06 22 01.4 +1.1
NDS	Dongshan	1.84 41	eP	Pb	06 22 01.5 +1.1
NDS	Dongshan	1.84 41	eP	Sb	06 22 27.8 -2.0
NDS	Dongshan	1.84 41	eP	Pb	06 22 26.5 -2.0
NDS	Dongshan	1.84 41	eP	Sb	06 22 01.4 +1.1
FUSHB	Fushanzhiwuyua	1.87 36	eP	Pb	06 22 01.5 +1.1
FUSHB	Fushanzhiwuyua	1.87 36	eP	Sb	06 22 27.0 -2.0
NEICHENG	Neicheng	1.88 39	eP	Pb	06 22 27.8 -2.0
NEICHENG	Neicheng	1.88 39	eP	Sb	06 22 27.8 -2.0
SUAO	Suaou	1.91 44	eP	Pb	06 22 29.2 -1.5
SUAO	Suaou	1.91 44	eP	Sb	06 22 06.3 -0.7
WVUC	WVUC	1.93 334	eP	Pb	

19d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Pichilemu, Hualene, Popeta, Tunca, Punta Hualpn, etc.

BER 19 06:39:02.8±0.2, 59°37'N; 22°73'E, h0km, 41km, ML 1.8

EST 19 06:39:03.5, 59°60'N; 22°52'E, h0km, ML 2.2 (HEL), Explosion

HEL 19 06:39:03.5±0.1, 59°60'N; 22°52'E, h0km, ML 2.2, Explosion

ISC 19 06:39:01.5±0.7, 59°60'N; 03°22'51"E, 0.02, h0km, n52, ±18°/71', Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Tvarminne, Soera, Palade, Perakula, Nova, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Stroemstad, Norsar Array S, Bornholm Skovb, etc.

GUC 19 06:39:54.0±0.7, 24°07'S; 67°36'W, h214km, 12km, ML 3.6

CATAC 19 06:39:56.6±1.2, 24°5'±6'8W; 2°3', h245km, 19km, M3.7/4, MLV3.7/4, Error ellipse: s-maj=51.3km s-min=8.2km az=101.2, confirmed

ISC 19 06:39:55.3±2.5, 24°10'S; 06°67'3W; 0.2, h178km, n15, ±8°/120', Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like San Pedro de A, IPOC Station P, etc.

SKO 19 06:51:08.6, 40°9'2N; 20°24'E, h0km, ML 2.8

TIR 19 06:51:10.9, 41°36'N; 20°36'E, h2km, 5km, ML 2.3/4

BE0 19 06:51:11.8±1.1, 41°04'N; 20°42'E, h38km, 9km, ML 2.2/3

ISC 19 06:51:10.5±1.1, 41°34'N; 03°20'44"E, 0.03, h6km, 11km, n16, ±19°/25', Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Peshkopia, Ohrid, Korca, etc.

SOME 19 06:53:24.7, 43°10'N; 79°30'E, h10km

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Tvarminne, Soera, Palade, Perakula, Nova, etc.

BER 19 07:12:08.8, 1.7, 59°34'N; 22°65'E, h0km, 36km, ML 1.9

HEL 19 07:12:09.3±0.1, 59°60'N; 22°40'E, h0km, ML 2.4, Explosion

ISC 19 07:12:09.3, 59°60'N; 22°41'E, h0km, ML 2.4 (HEL), Explosion

ISC 19 07:12:07.5±0.7, 59°61'N; 03°22'36"E, 0.02, h0km, n56, ±19°/69', Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Tvarminne, Soera, Palade, Perakula, Nova, etc.

BER 19 07:12:08.8, 1.7, 59°34'N; 22°65'E, h0km, 36km, ML 1.9

HEL 19 07:12:09.3±0.1, 59°60'N; 22°40'E, h0km, ML 2.4, Explosion

ISC 19 07:12:09.3, 59°60'N; 22°41'E, h0km, ML 2.4 (HEL), Explosion

ISC 19 07:12:07.5±0.7, 59°61'N; 03°22'36"E, 0.02, h0km, n56, ±19°/69', Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Tvarminne, Soera, Palade, Perakula, Nova, etc.

19d 7h

Table with columns: ORCD, Name, Time, Res, P, S, M, A, B, Code, Station Name, Az, Az2, Phase ID, Time, Res, P, S, M, A, B. Includes stations like Orcadas, Boa Vista, Neumayer-Watz, South Pole Qui, etc.

ISK 19 07:30:56.6, 38.87N, 43.66E, h5km, ML3.2/B
NSSP 19 07:30:57.6, 38.90N, 43.50E, h10km, Ms3.1
AFAD 19 07:30:59.0, 38.90N, 43.52E, h14km, 1km, ML3.0

Main table for stations in Turkey and other regions. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, S, M, A, B. Includes stations like Van-Muradiye, Van, Ozal-Mer, etc.

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Table with columns: ALVK, Name, Time, Res, P, S, M, A, B, Code, Station Name, Az, Az2, Phase ID, Time, Res, P, S, M, A, B. Includes stations like Bngl, Egvard, Bogdanovka, etc.

RHSSO 19 07:36:59.5, 0.9, 41.77N, 19.47E, h7km, 3km, ML3.4/5
SOF 19 07:36:59.7, 41.88N, 0.04, 19.37E, 0.09, h2km, 4km, MD3.4/7
BEO 19 07:37:00.8, 0.3, 41.80N, 19.34E, h0km, ML3.2/14

Main table for stations in Albania and other regions. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, S, M, A, B. Includes stations like Ulcinj, Shkodra, Dracevica, Mon, etc.

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Table with columns: VRSS, Name, Time, Res, P, S, M, A, B, Code, Station Name, Az, Az2, Phase ID, Time, Res, P, S, M, A, B. Includes stations like Malo Peshtene, HERR, SRE, etc.

IDC 19 07:40:45.2, 5.9, 59.52N, 22.40E, h0km, mbtmp2.7/4, ML1.9/4, Error ellipse: s-maj=40.4km s-min=12.4km

HEL 19 07:40:45.5, 0.1, 59.61N, 22.50E, h0km, ML1.9, Explosion
EST 19 07:40:45.5, 59.61N, 22.49E, h0km, ML1.9(HEL), Explosion

LVSN 19 07:40:47.2, 3.1, 59.66N, 22.44E, h0km, 36km, ML2.1, Presumed earthquake

Main table for stations in Baltic States, Belarus, and other regions. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, S, M, A, B. Includes stations like Tvarimne, Soera, Perakula, etc.

IDC 19 07:42:41.1, 0.7, 11.53S; 164.93E, h0km, mb4.2/12, mbtmp4.1/15, ML4.0/3, MS3.5/3, Error ellipse: s-maj=18.7km s-min=14.0km az=68.0

NEIC 19 07:42:43.0, 1.5, 11.58S; 0.07:164.94E, h10km, 1km, mb4.3/12, Error ellipse: s-maj=12.6km s-min=5.8km az=2.0

ISC 19 07:42:46.0, 0.7, 11.66S; 0.08:164.90E, 0.09, h34km, n47, 0.88/33, mb4.2/16, MS3.5/9, Santa Cruz Islands region

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

IDC 19 07:44:07.2, 2.2, 59.55N; 22.33E, h0km, mbtmp2.8/4, ML2.4/4, Error ellipse: s-maj=26.5km s-min=10.7km az=165.0

HEL 19 07:44:08.0, 0.1, 59.63N; 22.45E, h0km, ML2.4, Explosion BER 19 07:44:08.4, 2.5, 59.61N; 22.56E, h0km, ML1.9, ML2.4(HEL), Suspected explosion

EST 19 07:44:08.0, 59.63N; 22.45E, h0km, ML2.4(HEL), Explosion LVSN 19 07:44:09.3, 6.6, 59.66N; 22.48E, h0km, 48km, ML2.6, Presumed earthquake

ISC 19 07:44:06.0, 0.7, 59.63N; 0.02:22.43E, 0.02, h0km, n61, 0.89/12, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Baltic States-Belarus-Northwestern Russia region.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains a large number of seismic station entries with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the North of Svalbard region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Kingsbay and Spitsbergen Ar regions.

LVSN 19 08:08:28.9, 1.5, 59.61N; 22.44E, h0km, 6km, ML2.4, Presumed earthquake

IDC 19 08:08:31.0, 2.7, 59.60N; 22.50E, h0km, mbtmp3.0/4, ML2.1/4, Error ellipse: s-maj=36.5km s-min=11.3km az=161.0

HEL 19 08:08:30.1, 0.1, 59.61N; 22.42E, h0km, ML2.1, Explosion EST 19 08:08:30.2, 59.61N; 22.43E, h0km, ML2.1(HEL), Explosion

ISC 19 08:08:28.6, 0.8, 59.59N; 0.03:22.49E, 0.03, h0km, n39, 0.96/42, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Baltic States-Belarus-Northwestern Russia region.

HEL 19 08:11:35.3, 0.0, 59.62N; 22.42E, h0km, ML2.3, Explosion

19d 8h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Time, Res. Includes stations like E19, E20, E21, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Time, Res. Includes stations like NIED, NEIC, TAP, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Time, Res. Includes stations like TYC, WSF, TEYL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BVAR Borovoye Array, AKTO Aktyubinsk, ARTI Art, ILAR Eielson Array, MENT Mentasta, FINES FINESS Array B, NOA NORSAR Array B, BORG Borgarnes.

GCG 19 08:29:33.8±0.2, 15.32N;87.25W, h0km,23km,MD4.6, Presumed earthquake
CATAC 19 08:29:35.2±0.7, 15.3N;87.7W, h14km,5km, M4.1/16, MLv4.1/16, Error ellipse: s-maj=8.2km s-min=3.2km az=29.2, confirmed
ISC 19 08:29:30.8±1.2, 15.45N;0.05:87.14W;0.04, h10km, n34, r128/56, Honduras

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TGUH Tegucigalpa, IZABA Izabal, SARH Santa Rosa, etc.

IDC 19 08:48:56.3±5.4, 12.40N;86.70W, h0km, mb3.7/5, mbtmp3.7/5, MS2.5/1, Error ellipse: s-maj=103.5km s-min=55.9km az=2.0
GCG 19 08:49:10.4±2.5, 13N;86.94W, h35km,315km,MD4.7, Presumed earthquake
CATAC 19 08:49:11.4±0.2, 12.2N;87.7W, h94km,2km, M4.0/37, MLv4.0/37, Error ellipse: s-maj=5.9km s-min=1.8km az=31.8, confirmed
UCR 19 08:49:13.4±1.6, 12.38N;86.97W, h98km,8km, MW4.1, Presumed earthquake
ISC 19 08:49:10.3±0.8, 12.39N;0.05:87.21W;0.04, h11km,5km, n94, c106/133, mb4.0/5, 4C-2D, Near coast of Nicaragua

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRIN San Cristobal, PLRN Geotermica Pol, CNGN Cerro Negro, etc.

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TMON Alcaidia de Te, LCRUZ La Cruz, ACON Acopya, etc.

IDC 19 08:50:26.2±0.4, 53.81N;88.26E, h0km, mbtmp2.6/3, ML2.0/3, Error ellipse: s-maj=38.0km s-min=24.1km az=50.0
ASRS 19 08:50:26.0±0.9, 53.76N;88.26E, h0km, M2.7(MOS), The 2022, Southwestern Siberia

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNSA Vanda, MSWZ Mokka Station, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat, Cruzeiro do Su, Fitzroy Crossi, etc.

IDC 19 09:18:59.8t1.5, 13.73°N:121.18°E, h0km, mb3.4/5, mbtmp3.5/5, Error ellipse: s-maj=72.7km s-min=21.0km az=56.0

MAN 19 09:19:13.0, 13.73°N:120.65°E, h104km, MS2.7

ISC 19 09:19:13.4t1.0, 13.43°N:120.70°E, h100km, n9, e1979/12, mb3.3/5, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Puerto Galera, Lubang, Tagaytay City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like National Taiwo, Ilan Mucha, Taipei, etc.

IDC 19 09:21:28.1t1.3, 32.95°S:178.55°W, h0km, mb4.0/3, mbtmp4.0/4, ML3.7/1, Error ellipse: s-maj=35.7km s-min=31.7km az=86.0

WEL 19 09:21:37.3t1.2, 34.9°S:177.8°W, h254km, 41km, M4.3/6, mb4.3/2, ML4.4/9, MLV4.3/6, Mw(mB)3.5/2, Error ellipse: s-maj=27.8km s-min=19.6km az=126.3, confirmed

ISC 19 09:21:34.4t1.1, 33.28°S:178.3°W, h0.1, h41km, n33, e1957/51, mb4.0/4, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Waioamatatini S, Te Kaha, Puketiti, etc.

ASRS 19 09:46:57.0t0.6, 53.80°N:91.11°E, h0km, M3.0(MOS), The earthquakes of Russia in 2020, Dobrnisk, GS RAS, 2022

IDC 19 09:47:00.2t3.5, 53.72°N:90.85°E, h0km, mbtmp2.9/3, ML2.6/3, Error ellipse: s-maj=27.0km s-min=25.3km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, ZALV, etc.

IDC 19 09:49:11.8t0.5, 34.14°N:25.70°E, h0km, mb4.6/30, mbtmp4.5/44, ML4.3/11, MS3.8/29, Error ellipse: s-maj=10.7km s-min=7.2km az=14.0

MOS 19 09:49:11.7t1.1, 34.12°N:25.64°E, h11km, mb4.9/40, Error ellipse: s-maj=6.4km s-min=3.4km az=76.0

PDG 19 09:49:12.5t0.2, 34.01°N:25.40°E, h0km, 1km, ML4.5/13, Error ellipse: s-maj=23.9km s-min=23.5km az=90.0

NEIC 19 09:49:13.5t1.3, 34.05°N:25.65°E, h0.2, h10km, 1km, mb4.7/94, Error ellipse: s-maj=12.3km s-min=3.9km az=173.0

GFZ 19 09:49:14.5t0.2, 34°N:32°E, h10km, M4.3/76, mb4.6/76

ISK 19 09:49:15.3, 34.18°N:25.73°E, h9km, ML4.2/18

MCSM 19 09:49:15.5t0.8, 34°N:27°E, h23km, 2km, mb4.4, mb4.9, ML4.5, Mw(mB)4.2

ATH 19 09:49:17.1, 33.96°N:25.69°E, h35km, 16km, ML4.1/7, Latitude uncertainty: 3 km, Longitude uncertainty: 2 km

THE 19 09:49:18.6, 34°N:32°E, h7km, 4km, M3.9/14, ML3.9/14

NAO 19 09:50:20.0, 40.27°N:122.72°E, h33km, MB3.4

ISC 19 09:49:13.6t0.4, 34.06°N:25.67°E, h0.03, h13km, 3km, h13km; pp-P, n631, e1979/673, mb4.7/104, MS3.9/26, 21C-21D, Crete

19d 9h

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Table with columns: MOA, Mollin, 16.22 332, ePn, Pn, 09 53 01.6 +0.5, etc. Lists various astronomical objects and their properties.

Table with columns: DPC, Dobruska-Polom, 17.66 340, eP, AMS, P, AMS, 09 53 21.6 +1.4, etc. Lists astronomical objects with specific identifiers and coordinates.

Table with columns: TAM, Tamarassett, 20.94 243, Iamb, P, Iamb, 09 53 55.6 -0.7, etc. Lists astronomical objects, including some with multiple names and coordinates.

NOU 19 10:09:01.2,24:55S:179:85W,h508km,m4.3/52, South of Fiji Islands
GFZ 19 10:09:02.1,1.0,24°S,8°18'E, h508km,10km, M4.3/13, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.2km az=149.8, collapsed

ISC 19 10:09:01.3,0.3,24:49S:179:93W:0.05,h505km, n217, i1943/247, mb4.1/31,1C-1D, South of Fiji Islands

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

Table with columns: PMG, Port Moresby, Az, Op, Phase ID, Time, Res, ISC. Lists seismic stations in Port Moresby and surrounding areas.

Table with columns: O18K, Koktuh Hills, Az, Op, Phase ID, Time, Res, ISC. Lists seismic stations in the Koktuh Hills region.

19d 11h

Table with columns: CLL, Collm, 147.96 351 i PKPbc, PKPab, 11 07 39.1 -0.5, BRTR, comp=2.2, 5nm, 0.7s, baz=133, slow=3.7, SNR=1.1, etc.

CATAC 19 10:49:46.1±0.7, 13°14'N x 8°9'W, h26km, 4km, M2.6/9, MLv2.6/9, Error ellipse: s-maj=9.4km s-min=3.8km az=14.9, confirmed

SNET 19 10:49:47.0±1.0, 13°11'N x 8°9'W, h55km, 34km, ML2.7, Presumed earthquake

GCG 19 10:49:48.5±0.3, 13°25'N x 8°9'W, h60km, 6km, MD3.6, Presumed earthquake

ISC 19 10:49:44.9±2.2, 12.9N±0.1, 89.12W±0.04, h26km±13km, n29, c0.46/42, Off coast of central America

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

ISC 19 10:54:34.2±1.0, 13°14'N x 8°9'W, h0km, mb3.6/4, mbtmp3.7/4, Error ellipse: s-maj=27.4km s-min=5.4km az=0.0

CATAC 19 10:54:36.9±1.0, 13°14'N x 9°0'W, h3km, 4km, M3.7/17, MLv3.7/17, Error ellipse: s-maj=12.0km s-min=6.5km az=30.0, confirmed

SNET 19 10:54:38.0±0.9, 12°92'N x 90°21'W, h19km, 5km, MD3.6, Presumed earthquake

GCG 19 10:54:39.0±1.7, 13°07'N x 90°34'W, h13km, 25km, MD4.2, MW3.3, Presumed earthquake

ISC 19 10:54:36.5±1.7, 12.94N±0.07, 90.23W±0.04, h15km±9km, n60, c0.93/79, mb3.6/3, Off coast of central America

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

2020 AUG

Table with columns: CNCH, Conchagua, 2.36 82 eP, Pn, 10 55 16.3 ±1.4, TXAR, Lajitas Array, 20.54 325 P, 10 59 17.2 ±0.3

ISC 19 10:54:32.6±1.0, 5.73N±125.38E, h0km, mb3.8/5, mbtmp3.8/5, MS3.1/1, Error ellipse: s-maj=48.3km s-min=14.7km az=82.0

MAN 19 10:54:38.0, 6.12N±126.41E, h36km, MS3.9, ISC 19 10:54:38.9±1.2, 6.13N±126.25E±0.09, h61km±12km, n24, c2.03/23, mb3.8/5, Mindanao

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

ISC 19 11:18:25.7±3.0, 7.46S±147.20E, h0km, mb3.1/2, mbtmp3.1/3, ML3.3/1, Error ellipse: s-maj=77.8km s-min=22.6km az=84.0, Eastern New Guinea region

WEL 19 11:18:37.1±0.3, 44°S±2°16'E±1.4, h5km, M3.5/13, ML3.3/13, MLv3.5/13, Error ellipse: s-maj=3.1km s-min=2.6km az=147.1, confirmed, South Island

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

1130

Table with columns: VWZ, Waitaha Valley, 1.54 53 P, Pn, 11 09 03.5 -1.6, VWZ, Otago, 1.54 133 P, 11 09 05.3 0.0

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

MDD 19 11:27:02.7±0.9, 32°27'N x 16°31'W, h29km, 32km, Mb4.5/11, M, mb4.0/10, Error ellipse: s-maj=22.9km s-min=7.9km az=20.0

INMG 19 11:27:06.8±0.7, 32°24'N x 16°25'W, h3km, ML2.4, Error ellipse: s-maj=4.2km s-min=1.9km az=78.0, #DIST_RANGE: LOCAL #IPMA_REGION: SE Desertas (Madeira)

ISC 19 11:27:00.4±0.9, 32°11'N±0.05, 16°25'W±0.06, h10km, n26, c1.93/41, 13C, Madeira Islands region

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

ISC 19 11:35:45.1±1.4, 1°38'N x 126°27'E, h0km, mb3.8/5, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=122.0km s-min=18.0km az=68.0

DJA 19 11:35:51.5±0.2, 1°33'N x 12°16'E, h10km, M3.6/7, mb3.9/1, mbtmp3.9/1, ML3.5/7, MLv3.6/7, ML3.6/7

ISC 19 11:35:51.1±1.4, 1.5N±0.2, 126.6E±0.1, h47km, n8, c1.00/9, mb3.9/5, Northern Molucca Sea

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND, H11S1 WAKE ISLAND, H11S2 WAKE ISLAND, etc.

KOLA 19 13:56:21.1, 77.04N:19.31E, h0km, ML2.2, Storfjorden zone

NAO 19 13:56:22.6, 0.9, 76.98N:18.99E, h10km, ML2.8

FCIAR 19 13:56:24.0, 76.98N:19.18E, h10km, station OMEGA has station magnitude of 3.20

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

IDC 19 14:16:41.4, 2.8, 56.102S:26.02W, h0km, mb3.7/3, mbmp3.7/4, ML3.4/1, MS3.2/2, Error ellipse: s-maj=126.3km s-min=26.7km az=65.0

IDC 19 14:16:42.8, 2.6, 56.0S:0.4-26.0W:0.7, h10km, n10, o560/8, mb3.9/3, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNA4 Troll, Antarti, PMSA Palmer Station, QSPA South Pole Qui, etc.

IDC 19 14:39:07.8, 1.9, 9.316S:145.10E, h0km, mb3.2/2, mbmp3.1/3, ML3.2/1, MS2.5/1, Error ellipse: s-maj=143.8km s-min=31.6km az=117.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warrungarra Ar, WRA Alice Springs, etc.

IDC 19 14:44:53.2, 1.6, 17.0S:0.6x179.5W:0.4, h550km, n7, o5676/7, mb3.5/5, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, STKA Stephens Creek, etc.

SOME 19 14:48:05.9, 41.85N:83.47E, h20km

NIC 19 14:48:08.9, 1.9, 42.01N:83.35E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=14.8km s-min=1.0km az=176.0

NIC 19 14:48:01.5, 3.3, 41.8N:0.1, 83.5E:0.1, h15km, n27, o140/40, 4C, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KTMS Ketmen, SHLS Shalkode, SHLS Shalkode, etc.

IDC 19 14:16:41.4, 2.8, 56.102S:26.02W, h0km, mb3.7/3, mbmp3.7/4, ML3.4/1, MS3.2/2, Error ellipse: s-maj=126.3km s-min=26.7km az=65.0

IDC 19 14:16:42.8, 2.6, 56.0S:0.4-26.0W:0.7, h10km, n10, o560/8, mb3.9/3, South Sandwich Islands region

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

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

SJA 19 14:56:10.6, 0.7, 23.15S:66.79W, h236km, 7km, ML3.8, MW3.6

NEIC 19 14:56:12.3, 1.1, 23.19S:0.08:66.9W:0.1, h238km, 8km, mb4.1/6, ML4.0(GUC) Error ellipse: s-maj=18.2km s-min=11.2km az=88.0

GUC 19 14:56:12.4, 0.5, 23.11S:66.82W, h220km, 5km, ML4.0

ISC 19 14:56:11.0, 0.8, 23.19S:0.04:66.86W:0.04, h232km, 7km, n72, o116/101, 8C-1D, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SALTA San Pedro de A, AF01 San Pedro de A, AF01 San Pedro de A, etc.

Table with columns: WHYT, WJS, WJS, WNT, CHKH, SKHK, FULB, ALS, CHKT, CHKT, CHNS, WDLH, WDLH, ELDTW, ELDTW, EDH, EDH, WCKO, WTK, WTK, WTK, STYH, STYH, STYH, STYH, LOANT, LOANT, WTP, WTP, LDUT, LDUT, TWK, TWK, TWGBT, TWGBT, TWG, TWG, CHNI, CHNI, SGST, SGST, MATB, MATB, VVUC, VVUC, MASBT, MASBT, TAWH, TAWH, LYUB, LYUB, PTMZ, PTMZ, SLIU, SLIU, VCHM, VCHM, VCHM, VCHM, AXDP, AXDP

Table with columns: MKAR, PDKG, KODAK, KURBB, IMAR, BZZK, I23K, E24K, E24K, ILAR, BVAR, AB31, FINES, JMA, TAP, ISC, Code, Station Name, Az, Phase ID, Time, Res

Table with columns: WHP, TWS1, ANP, WCS, WCS, CHKH, CHKH, NSIT, NSIT, SSSL, SSSL, NTST, NTST, SMLT, SMLT, SMLT, SMLT, TYW, TYW, FULB, FULB, TYC, TYC, TYC, CHKT, CHKT, IRIF, IRIF, WHYT, WHYT, YUS, YUS, YUS, EHD, EHD, HATJ, HATJ, ECS, ECS, ECS, WJS, WJS, EDH, EDH, EDH, WNT, WNT, WNT, ALS, ALS, PCYT, PCYT, PCYT, ELDTW, ELDTW, ELDTW, CHNS, CHNS, JKRS, JKRS, LDUT, LDUT, WDLH, WDLH, WDLH, WCKO, WCKO, STYH, STYH, TWGBT, TWGBT, TWG, TWG, TWG, TPUB, TPUB, TPUB, JUJ, JUJ, JUJ, WRL, WRL, WRL, RLNB, RLNB, RLNB, WTP, WTP, WTP, TWK, TWK, TWK, CHNI, CHNI, CHNI, SGST, SGST, SGST, JISG, JISG, JISG, WSF, WSF, WSF, ECL, ECL, ECL, WSL, WSL, WSL, Sandimen, Sandimen, Sandimen, SSD, SSD, SSD, Cishan, Cishan, Cishan, SCST, SCST, SCST, TSMG, TSMG, TSMG, MASBT, MASBT, MASBT, TAW, TAW, TAW, EAST, EAST, EAST, LAY, LAY, LAY, LYUB, LYUB, LYUB, TSKC, TSKC, TSKC, SLIU, SLIU, SLIU, PHUB, PHUB, PHUB, WDGJ, WDGJ, WDGJ, VVUC, VVUC, VVUC, VCHM, VCHM, VCHM, PTMZ, PTMZ, PTMZ

NEIC 19 15:28:34.6±1.9, 22.7N, 0.1±1.44E, 0.2, h35km, 2km, mb4.4/12, Error ellipse: s-maj=26.8km s-min=18.8km az=77.0

JMA 19 15:28:34.4±0.2, 23.2N, 0.1±1.44E, 0.2, h77km, MV4.6/18, IOTO ISLANDS REGION

19 15:28:35.0±0.4, 22.56N, 144.18E, h49km, 37km, mb3.5/11, mbmp3.9/14, ML3.3, MS2.98, Error ellipse: s-maj=42.1km s-min=17.6km az=63.0

ISC 19 15:28:35.7±0.7, 14.22N, 0.07±1.44E, 0.1, h50km, n57, ±212/48, mb3.9/15, MS2.78, Volcano Islands region

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

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

JHU 86m, 0.7s, baz=26, slow=16, SNR=2.8 68m, 0.7s

JHU BSO1 Boso 1 12.16 347 eS Pn 15 33 36.7 -2.8

JHU BSO2 Boso 3 12.40 346 eS Pn 15 33 43.2 -2.6

JHU BSO3 Boso 4 12.93 345 eS Pn 15 33 50.0 -0.8

JHU JOD2 Odawara 2 13.21 431 eP Pn 15 31 43.0 +0.7

JHU JRF Ryogami san 13.97 342 eP Pn 15 31 49.5 -1.4

JHU JRO Kuroka 14.10 336 eP Pn 15 31 50.5 -2.2

JHU JHO Hitachi 14.13 348 eP Pn 15 31 52.6 -0.5

JHU JHO Hitachi 14.13 348 eP Pn 15 31 52.6 -0.5

JHU JMB Monobe 14.20 322 eP Pn 15 31 58.1 -2.1

JHU MJAR Matsushiro Arr 14.66 340 P Pn 15 32 01.8 +1.6

JHU MJAR Matsushiro Arr 14.66 340 Pn Pn 15 31 59.9 -0.2

JHU MAJO Matsushiro 14.66 340 Pn Pn 15 32 02.1 +1.9

JHU MJBR Matsu-Tunnel 14.67 340 Pn Pn 15 32 02.9 +2.7

JHU JOW Kunigami 15.04 289 P Pn 15 32 06.1 +1.0

JHU JOW Kunigami 15.04 289 Pn Pn 15 32 05.5 +0.5

JHU YJU Nakatsue 15.64 314 P Pn 15 32 17.1 +0.9

Code Station Name Az Phase ID Time Res

JHU JHH2 Haha-jima-NKT2 4.26 334 eP Pn 15 29 35.5 +1.5

JHU JHH2 Chichi jima 4.67 337 eS Pn 15 30 28.6 +2.2

JHU CBIJ Chichi jima 4.67 337 eS Pn 15 30 28.6 +2.2

JHU JHU Hachijo jima 2 11.01 340 P Pn 15 31 11.7 +1.1

JHU JHU 86m, 0.7s, baz=26, slow=16, SNR=2.8 68m, 0.7s

JHU BSO1 Boso 1 12.16 347 eS Pn 15 33 36.7 -2.8

JHU BSO2 Boso 3 12.40 346 eS Pn 15 33 43.2 -2.6

JHU BSO3 Boso 4 12.93 345 eS Pn 15 33 50.0 -0.8

JHU JOD2 Odawara 2 13.21 431 eP Pn 15 31 43.0 +0.7

JHU JRF Ryogami san 13.97 342 eP Pn 15 31 49.5 -1.4

JHU JRO Kuroka 14.10 336 eP Pn 15 31 50.5 -2.2

JHU JHO Hitachi 14.13 348 eP Pn 15 31 52.6 -0.5

JHU JHO Hitachi 14.13 348 eP Pn 15 31 52.6 -0.5

JHU JMB Monobe 14.20 322 eP Pn 15 31 58.1 -2.1

JHU MJAR Matsushiro Arr 14.66 340 P Pn 15 32 01.8 +1.6

JHU MJAR Matsushiro Arr 14.66 340 Pn Pn 15 31 59.9 -0.2

JHU MAJO Matsushiro 14.66 340 Pn Pn 15 32 02.1 +1.9

JHU MJBR Matsu-Tunnel 14.67 340 Pn Pn 15 32 02.9 +2.7

JHU JOW Kunigami 15.04 289 P Pn 15 32 06.1 +1.0

JHU JOW Kunigami 15.04 289 Pn Pn 15 32 05.5 +0.5

Code Station Name Az Phase ID Time Res

JHU JHH2 Haha-jima-NKT2 4.26 334 eP Pn 15 29 35.5 +1.5

JHU JHH2 Chichi jima 4.67 337 eS Pn 15 30 28.6 +2.2

JHU CBIJ Chichi jima 4.67 337 eS Pn 15 30 28.6 +2.2

JHU JHU Hachijo jima 2 11.01 340 P Pn 15 31 11.7 +1.1

JHU JHU 86m, 0.7s, baz=26, slow=16, SNR=2.8 68m, 0.7s

JHU BSO1 Boso 1 12.16 347 eS Pn 15 33 36.7 -2.8

JHU BSO2 Boso 3 12.40 346 eS Pn 15 33 43.2 -2.6

JHU BSO3 Boso 4 12.93 345 eS Pn 15 33 50.0 -0.8

JHU JOD2 Odawara 2 13.21 431 eP Pn 15 31 43.0 +0.7

JHU JRF Ryogami san 13.97 342 eP Pn 15 31 49.5 -1.4

JHU JRO Kuroka 14.10 336 eP Pn 15 31 50.5 -2.2

JHU JHO Hitachi 14.13 348 eP Pn 15 31 52.6 -0.5

JHU JHO Hitachi 14.13 348 eP Pn 15 31 52.6 -0.5

JHU JMB Monobe 14.20 322 eP Pn 15 31 58.1 -2.1

JHU MJAR Matsushiro Arr 14.66 340 P Pn 15 32 01.8 +1.6

JHU MJAR Matsushiro Arr 14.66 340 Pn Pn 15 31 59.9 -0.2

JHU MAJO Matsushiro 14.66 340 Pn Pn 15 32 02.1 +1.9

JHU MJBR Matsu-Tunnel 14.67 340 Pn Pn 15 32 02.9 +2.7

JHU JOW Kunigami 15.04 289 P Pn 15 32 06.1 +1.0

JHU JOW Kunigami 15.04 289 Pn Pn 15 32 05.5 +0.5

Code Station Name Az Phase ID Time Res

JHU JHH2 Haha-jima-NKT2 4.26 334 eP Pn 15 29 35.5 +1.5

JHU JHH2 Chichi jima 4.67 337 eS Pn 15 30 28.6 +2.2

JHU CBIJ Chichi jima 4.67 337 eS Pn 15 30 28.6 +2.2

JHU JHU Hachijo jima 2 11.01 340 P Pn 15 31 11.7 +1.1

JHU JHU 86m, 0.7s, baz=26, slow=16, SNR=2.8 68m, 0.7s

JHU BSO1 Boso 1 12.16 347 eS Pn 15 33 36.7 -2.8

JHU BSO2 Boso 3 12.40 346 eS Pn 15 33 43.2 -2.6

JHU BSO3 Boso 4 12.93 345 eS Pn 15 33 50.0 -0.8

19d 16h

Table with 4 columns: Station Name, Azimuth, Elevation, and Signal Strength. Includes stations like STKA Stephens Creek, MKAR Makanchi Array, and KURBB Kurchatov Arr.

19D 16:04:45.61.6,10.09Sx123.95E,h0km,mb3.7/1, mbtmp3.4/4,ML3.3/3, Error ellipse: s-maj=59.0km

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and Signal Strength. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, and ASAR Alice Springs.

TRN 19:16:22:54.6,19:19N,62:20W,h3km,MD3.8,Far North-west of Barbudia.,Leeward Islands

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and Signal Strength. Includes stations like SMRT St. Maarten, ANWB Willy Bob, and WRA Warramunga Arr.

Station lists for BJI, IDC, NEIC, and GFZ with their respective coordinates and signal strength data.

ISC 19:16:30:16.0-0.3,10.32S-0.03x124.22E,0.04,h10km,m246, s172/206,mb4.9/80,MS3.8/34,5C-7D, Timor region

Large table with 4 columns: Code, Station Name, Azimuth, Elevation, and Signal Strength. Includes stations like SOEI Soe, MMRI Maumere, and KAPI Kappang.

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Main table with 4 columns: Station Name, Azimuth, Elevation, and Signal Strength. Includes stations like TOLIZ Tolitoli, WBO Warramunga Arr, and ASAR Alice Springs.

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Table with 4 columns: Station Name, Azimuth, Elevation, and Signal Strength. Includes stations like KSRS Korea Array, KS919 Wonju Array Si, and MAJJO Matsushiro.

Table with columns: PNG, VCHM, VCHM, VVUC, VVUC, JIRJ, JIRJ, PTMZ, PTMZ, I/S, S, Sn, Time, Res. Includes station names like Oimei, irabujima, Houxiangcun.

NEIC 19 17:32:10.9,36.47N; 117:51W, h8km
NEIC 19 17:32:10.8, 1.7, 36.48N; 0.02: 117:50W; 0.02, h5km; 1km,
mb4.7/64, ML4.9/214, Mw4.7/221, ML4.8/39(PAS)
Mw4.7/6(PAS) Error ellipse: s-maj=3.1km s-min=2.7km
az=138.0 Moment Tensor Solution. Moment tensor:
Scale 10^16Nm; Mr=0.08; Mw=1.21; Ms=1.13; Mo=0.30;
Mxx=0.57; Mxy=0.61; Fault plane solution: Mo1.470000x10^16
NP1.3=147.08000; s86.43000; lambda.152.37000. NP2:
p=238.96000; s62.43000; A.0.06000. Principal axes: T
1.4694, P122.0000, Azm100.0000; N -0.0017,
P162.0000, Azm320.0000; P -1.4677, P16.0000,
Azm196.0000

California-Nevada border region

Table with columns: Code, Station Name, Delta AZ, Phase, ID, Time, Res. Includes station names like Darwin (Calif), Marble Canyon, Cerro Gordo, Manual Prospec, Cottonwood Cre, etc.

Main table with columns: Station Name, Time, Res, Pn, IAML, etc. Includes station names like Tonopah, Turquoise Mountain, Kaiser Creek, Tropic Hills, Dry Creek, Devils Postpile, etc.

Table with columns: Station Name, Time, Res, Pn, IAML, etc. Includes station names like Farallon Island, Marconi Confer, Elko, Elko, Elko, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, QSPA South Pole Q, PAS 19:17:50.53, REN 19:17:50.53, NEIC 19:17:50.53, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RSDS Black Hills, L2AO LASA Array, LMOT Red Lodge, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PDAR 1.9nm,0.3s, PDAR 7.3nm,0.3s, PDAR 3.61 255, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TAP 19:18:14.37, JMA 19:18:14.37, ISC 19:18:14.35, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWD LIOB Emei, HSWA Hwanlien, HNTA Hualien, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMA 19:18:20.25, NEIC 19:18:20.25, IDC 19:18:20.30, etc.

19d 18h

comp=2.0,9nm,0.4s,baz=15,slow=8.7,SNR=21		DAT S Sn		18 36 44.5	-0.3	EZN Ezine	3.50 335	P	Pn	18 37 13.8	+0.2
FITZ	Fitzroy Crossi	44.36 205	P	P	18 28 32.7	-0.1	EZN Ezine		Sn	18 37 54.0	+0.2
KULM	Kulim	45.32 254	IAMB	IAMB	18 28 39.7	-0.8	VAM Vamos	3.54 250	P	18 37 15.5	+1.3
comp=2.9,1nm,1.1s		SABU Mula-Dalaman		0.57 75	P	P					
AS31	Alice Springs	47.12 193	P	P	18 28 52.5	-2.0	BAND Balikesir-Ban	3.68 358	P	18 37 15.6	-0.5
ASAR	Alice Springs	47.13 193	P	P	18 28 53.5	-1.0	IMVY Iera Moni Meta	3.69 352	P	18 37 16.5	+0.3
comp=2.0,6nm,0.6s,baz=15,slow=7.6,SNR=10		FETV Fethiye		0.65 93	Pg	Pn					
SHL	Shilling	47.47 284	P	P	18 28 57.5	0.0	AKMS Akamas	3.69 115	P	18 37 15.9	-0.4
comp=2.5,3nm,0.6s		YAZI Mula-Dat§a-		0.66 271	P	S					
SHL			IAMB	IAMB	18 29 00.4		AKMS Akamas				
GSJ	Gsuningsitoli	49.89 251	P	P	18 29 15.2	-0.8	Dionisos Attik	3.73 293	P	18 37 17.7	+0.9
MSVF	Nonsavu	52.14 138	LR	LR	18 50 58.2		Voula, Athens	3.77 290	P	18 37 18.3	+1.0
ZAAO	Zalesovo Array	53.95 321	P	P	18 29 46.7	+1.0	Penteli	3.77 293	P	18 37 17.6	+0.1
ZAAO			IAMB	IAMB	18 29 47.2		ATHU Athens Univer	3.81 291	P	18 37 19.0	+1.2
comp=2.2,2nm,0.6s		BODA Bodrum-Mula		0.77 298	Pg	Pn					
ZALV	Zalesovo Beam	53.95 321	P	P	18 29 46.2	+0.6	ALFC Athens Observa	3.86 291	P	18 37 19.8	+1.3
comp=2.2,4nm,0.5s,baz=108,slow=7.8,SNR=14		BDRM Kayabasi		0.77 300	P	S					
ZALV	Zalesovo Beam	53.95 321	P	P	18 29 46.7	+1.0	ATH ATH				
STKA	Stkapa Creek	54.31 183	P	P	18 29 48.0	-0.5	ATH Athens Observa	3.86 291	P	18 37 21.4	+0.8
comp=2.2,4nm,0.7s,baz=20,slow=8.1,SNR=2.1		IZZE Mula-Seydiye		0.80 107	S	P					
STKA			LR	LR	18 53 14.8		NATA Nata	3.97 117	P	18 37 19.4	-0.7
comp=2.4,1nm,19.7s,baz=21,slow=36		CAME Camel-Denizli		0.86 72	Pg	Pn					
MKAR	Makanchi Array	54.64 312	P	P	18 29 51.8	+1.0	LIAT Limnos Island	4.04 324	P	18 37 21.4	+0.5
comp=2.2,4nm,0.7s		CAME CAME									
MKAR	Makanchi Array	54.64 312	P	P	18 29 51.8	+1.0	LIAT Limnos Island	4.04 324	P	18 37 21.4	+0.5
comp=2.1,0nm,0.4s,baz=88,slow=8.7,SNR=21		YKAV Yalikavak-BoDr		0.92 300	Pg	Pn					
MKAR	Makanchi Array	54.64 312	P	P	18 29 52.4	+1.5	KNDR Palaiochora Ch	4.04 251	P	18 37 21.4	+0.5
MAKZ	Makanchi	54.85 312	P	P	18 29 51.8	-0.6	KNDR Palaiochora Ch	4.04 251	P	18 37 21.4	+0.5
MAKZ			IAMB	IAMB	18 30 21.0		STFN Stefanis	4.05 293	P	18 37 21.5	+0.3
comp=2.4,5nm,1.1s		YKAV Yalikavak-BoDr		0.94 33	P	S					
WUS	Wushi	56.78 305	IAMB	IAMB	18 30 10.9		STFN Stefanis	4.05 293	P	18 37 21.5	+0.3
comp=2.5,5nm,0.7s		TAVA DENIZLI Tavass		0.94 33	P	S					
KURK	Kurchatov	57.31 317	P	P	18 30 09.3	-0.6	CAEL Denizli, Camel	0.95 62	P	18 30 09.7	-0.7
KURK			IAMB	IAMB	18 30 23.2		CAEL Denizli, Camel	0.95 62	P	18 30 11.0	+0.8
comp=2.4,7nm,1.0s		AYDN Aydin-Tasoluk		1.03 342	P	S					
PRZ	Przheval'sk	57.35 307	P	P	18 30 09.7	-0.7	AYDN Aydin-Tasoluk	1.03 342	P	18 30 09.7	-0.7
KURB	Kurchatov Arra	57.37 316	P	P	18 30 11.0	+0.8	KNIK Mula-Seydiye	1.05 80	P	18 30 09.7	-0.7
comp=2.3,0nm,0.7s,baz=95,slow=7.6,SNR=9.0		KLNK Kalymnos		1.08 285	P	S					
CAST	Castle Rocks	58.29 28	P	P	18 30 18.1	+1.6	KLPA Karpates	1.43 16	Pn	18 30 18.1	+1.6
CAST			IAMB	IAMB	18 30 38.7		KLPA Karpates	1.43 16	Pn	18 30 38.7	
comp=2.3,1nm,0.8s		ESEN Aydn-Nazilli		1.12 3	P	P					
ILAR	Eielson Array	60.78 27	P	P	18 30 34.0	+0.3	DNIZ Denizli-Tavas-	1.13 32	P	18 30 34.0	+0.3
comp=2.0,5nm,0.7s,baz=258,slow=5.6,SNR=5.5		APMY Acipayam-Deniz		1.14 46	Pn	Pn					
ILAR	Eielson Array	60.78 27	P	P	18 30 34.0	+0.3	APMY Acipayam-Deniz	1.14 46	Pn	18 30 34.0	+0.3
BVAR	Borovoye Array	62.46 319	P	P	18 30 45.8	+0.7	APMY Acipayam-Deniz	1.14 46	Pn	18 30 45.8	+0.7
comp=2.3,8nm,0.4s,baz=62,slow=7.1,SNR=19		GCAM G?zelcam?		1.32 321	P	P					
BORK	Borovoye	62.50 319	P	P	18 30 44.4	-1.0	GCAM G?zelcam?	1.32 321	P	18 30 44.4	-1.0
KK31	Karatay Array	63.09 308	IAMB	IAMB	18 31 19.1		KUSD Kusadasi-Aydi	1.42 327	Pn	18 31 19.1	
KKAR	Karatay Array	63.09 308	P	P	18 30 50.3	+0.8	KUSD Kusadasi-Aydi	1.42 327	Pn	18 30 50.3	+0.8
AB31	Akbulak array	69.41 316	P	P	18 31 29.8	0.0	SULTU Buldan	1.43 16	Pn	18 31 29.8	0.0
ABKAR	Akbulak array	69.41 316	P	P	18 31 29.8	0.0	KARP Karpathos	1.44 219	Pn	18 31 29.8	0.0
ARCES	ARCES Array B	78.24 342	P	P	18 32 21.7	+0.5	KARP Karpathos	1.44 219	Pn	18 32 21.7	+0.5
comp=2.2,0nm,0.9s,baz=57,slow=7.4,SNR=2.0		KARP Karpathos		1.44 219	Pn	Pn					
ARCES	ARCES Array B	78.24 342	P	P	18 32 20.6	-0.6	KARP Karpathos	1.44 219	Pn	18 32 20.6	-0.6
ARCES			IAMB	IAMB	18 32 21.7		KARP Karpathos	1.44 219	Pn	18 32 21.7	
comp=2.8,6nm,1.3s		KARP Karpathos		1.44 219	Pn	Pn					
BEKR	Beckworth	79.87 51	P	P	18 32 32.5	+1.6	KARP Karpathos	1.44 219	Pn	18 32 32.5	+1.6
BEKR			IAMB	IAMB	18 32 43.6		KARP Karpathos	1.44 219	Pn	18 32 43.6	
comp=2.4,7nm,0.9s		INCE Denizli-Bozkr		1.46 45	P	P					
NVAR	Minna Array Bea	81.89 52	P	P	18 32 42.6	+0.9	INCE Denizli-Bozkr	1.46 45	P	18 32 42.6	+0.9
comp=2.1,1nm,0.6s,baz=306,slow=4.9,SNR=1.2		KIRT zmir-Kiraz		1.52 4	P	P					
KBZ	Khabaz	82.27 314	P	P	18 32 43.9	+0.6	KIRT zmir-Kiraz	1.52 4	P	18 32 43.9	+0.6
comp=2.0,7nm,0.5s,baz=45,slow=4.3,SNR=4.5		DUVT Torbalı		1.68 337	P	P					
FINES	FINESS Array B	82.64 335	P	P	18 32 44.9	0.0	DUVT Torbalı	1.68 337	P	18 32 44.9	0.0
comp=2.0,8nm,0.7s,baz=58,slow=4.7,SNR=5.4		KRL1 Karlovasi Samo		1.68 312	P	P					
PDAR	Pinedale Array	86.11 45	P	P	18 33 03.2	0.0	KRL1 Karlovasi Samo	1.68 312	P	18 33 03.2	0.0
comp=2.0,1nm,0.3s,baz=102,slow=4.5,SNR=1.5		KORT Korkueli		1.69 78	P	P					
PDAR	Pinedale Array B	86.11 45	P	P	18 33 02.0	-1.2	KORT Korkueli	1.69 78	P	18 33 02.0	-1.2
HFS	Hagfors	88.13 338	P	P	18 33 11.7	-0.6	KORT Korkueli	1.69 78	P	18 33 11.7	-0.6
comp=2.1,0nm,0.8s		KORZ zmir-Kiraz		1.69 78	P	P					
NOA	NORAS Array B	88.32 339	P	P	18 33 13.4	+0.3	KORZ zmir-Kiraz	1.69 78	P	18 33 13.4	+0.3
comp=2.0,2nm,0.5s,baz=48,slow=4.8,SNR=1.8		DUVT Torbalı		1.68 337	P	P					
BRTR	Keskin Array B	90.25 314	P	P	18 33 23.1	+0.2	DUVT Torbalı	1.68 337	P	18 33 23.1	+0.2
comp=2.0,2nm,0.4s		KRL1 Karlovasi Samo		1.68 312	P	P					
PLCA	Paso Flores	145.78 130	PKPbc	PKPbc	18 40 01.6	+0.3	KRL1 Karlovasi Samo	1.68 312	P	18 40 01.6	+0.3
comp=2.0,8nm,0.5s,baz=248,slow=6.0,SNR=6.4		KURT Kuzkurt		1.69 78	P	P					
LPAZ	La Paz	149.03 84	PKPbc	PKPbc	18 40 12.9	+0.4	KURT Kuzkurt	1.69 78	P	18 40 12.9	+0.4
comp=2.0,8nm,0.4s,baz=270,slow=4.0,SNR=2.4		KUSD Kusadasi-Aydi		1.42 327	Pn	Pn					

ISK 19 18:36:20.8, 36:69N-28:24E, h72km, ML4,0/16
 IDC 19 18:36:21.6, 1.4, 36:61N-28:37E, h77km, 19km, mb3,7/7,
 mbmp3,8/16, Error ellipse: s-maj=15.4km s-min=12.7km
 az=146.0

ATH 19 18:36:21.9, 36:68N-28:31E, h67km, 2km, ML3,7/35,
 Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
 THE 19 18:36:22.4, 37:12N-2:28E, h65km, 3km, M3,6/14,
 ML3,6/14
 AFAD 19 18:36:22.3, 36:68N-28:23E, h62km, MW3,6
 ISC 19 18:36:21.0-7.7, 36:68N-0:03-28:28E, 0:03, h67km, 5km,
 n170, 0:99/225, mb3,6/6, 5C-5D, Dodecanese Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
TURN	Turunc	0.10 345	Op	ISC	h m s	Res
TURN			S	Pn	18 36 31.6	0.0
RD1	Rhodes Town Ha	0.23 191	P	Pn	18 36 38.2	-0.6
RD1			S	Pn	18 36 32.3	+0.2
RODB	Rodos	0.23 191	P	Pn	18 36 40.3	+0.7
RODB			S	Pn	18 36 31.9	-0.3
DALY	Dalyan (Mula)	0.33 65	Pg	Pn	18 36 39.8	+0.1
DALY			Sg	Pn	18 36 33.0	+0.2
DALY			AML	AML	18 36 41.5	+0.6
YER	Yerkesik	0.46 0	Pg	Pn	18 36 34.0	0.0
YER			Sg	Pn	18 36 43.5	+0.5
YER	Yerkesik	0.46 0	Pn	Pn	18 36 34.2	+0.2
YER			S	Pn	18 36 43.4	+0.5
YER			AML	AML	18 36 34.3	+0.3
ARG	Arkhangelos	0.47 195	Pg	Pn	18 36 43.7	+0.7
ARG			AML	AML	18 36 34.3	+0.3
ARG	Arkhangelos	0.47 195	P	Pn	18 36 34.4	+0.4
ARG			S	Pn	18 36 43.7	+0.7
ARG	Arkhangelos	0.47 195	P	Pn	18 36 34.5	+0.4
ARG			AML	AML	18 36 43.6	+0.7
DATC	Datca-Mugla	0.50 280	Pg	Pn	18 36 33.7	-0.6
DATC			Sg	Pn	18 36 43.7	+0.2
DATC			AML	AML	18 36 34.5	+0.4
DATC			Pn	Pn	18 36 33.7	-0.6
DATC	Datca	0.56 276	Pg	Pn	18 36 34.9	-0.1
DAT			Sg	Pn	18 36 44.7	-0.1
DAT			AML	AML	18 36 34.8	-0.3
DAT	Datca	0.56 276	P	Pn	18 36 34.8	-0.3

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Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
TURN	Turunc	0.10 345	Op	ISC	h m s	Res
TURN			S	Pn	18 36 31.6	0.0
RD1	Rhodes Town Ha	0.23 191	P	Pn	18 36 38.2	-0.6
RD1			S	Pn	18 36 32.3	+0.2

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
region							
BKI	Bering	0.32	234	PN	Pb	18 54 36.7 -1.4	
BKI	Bering	0.32	234	eS	Pb	18 54 36.8 -1.4	
EKI		1.85	42.8	eS	Pb	18 55 03.0 -3.0	
KBTR	Krutoberegovo	2.19	293	PN	Pn	18 55 03.3 -3.0	
KBTR	Krutoberegovo	2.19	293	eP	Pn	18 55 14.2 -0.9	
MKZ	Mys Kozlova	2.83	255	PN	Pn	18 55 14.2 -0.9	
MKZ	Mys Kozlova	2.83	255	eP	Pn	18 55 54.5 -1.4	
BDR	Baidarnaya	3.16	294	eS	Pn	18 55 59.3 +0.5	
ZLN	Zelenaya	3.24	283	PN	Pn	18 55 20.8 -0.1	
ZLN	Zelenaya	3.24	283	eS	Pn	18 55 59.4 +0.5	
CIRR	Tsirk	3.29	285	PN	Pn	18 55 21.1 -0.4	
CIRR	Tsirk	3.29	285	eP	Pn	18 55 21.6 -0.1	
BZGR	Bezymyanni-Gr	3.29	282	PN	Pn	18 55 21.7 +0.1	
BZGR	Bezymyanni-Gr	3.29	282	eP	Pn	18 55 20.1 -2.5	
KLY	Klyuchi	3.38	288	PN	Pn	18 55 58.5 -3.6	
KLY	Klyuchi	3.38	288	eS	Pn	18 55 20.1 -2.5	
BZMR	Bezymyannaya	3.41	282	PN	Pn	18 55 58.6 -3.6	
BZMR	Bezymyannaya	3.41	282	eP	Pn	18 55 23.4 +0.2	
BZWR	Bezymyanni-We	3.41	282	PN	Pn	18 55 22.8 -0.3	
BZWR	Bezymyanni-We	3.41	282	eP	Pn	18 55 22.8 -0.3	
TUMD	Tumrok D	3.45	269	PN	Pn	18 55 23.9 +0.3	
TUMD	Tumrok D	3.45	269	eS	Pn	18 55 23.9 +0.3	
KIRR	Kirishev	3.49	282	PN	Pn	18 55 04.4 +0.5	
KIRR	Kirishev	3.49	282	eP	Pn	18 55 23.7 -0.6	
KMNR	Kamenistaya	3.53	278	PN	Pn	18 55 25.4 +0.6	
KMNR	Kamenistaya	3.53	278	eS	Pn	18 55 25.4 +0.6	
KPT	Kopyto	3.56	282	PN	Pn	18 55 25.1 0.0	
KPT	Kopyto	3.56	282	eP	Pn	18 55 25.2 0.0	
TUMR	Tumrok	3.59	271	PN	Pn	18 55 25.9 +0.3	
TUMR	Tumrok	3.59	271	eS	Pn	18 56 08.3 +0.9	
KOZ	Kozyrevsk	3.77	283	PN	Pn	18 55 28.4 +0.5	
KOZ	Kozyrevsk	3.77	283	eP	Pn	18 55 28.4 +0.5	
SRDR	Sredinnyy	3.89	286	PN	Pn	18 55 29.6 -0.1	
SRDR	Sredinnyy	3.89	286	eS	Pn	18 55 29.6 -0.1	
KII	Karymskiy	4.27	254	PN	Pn	18 55 35.2 +0.3	
OSSR	Ossora	4.27	336	PN	Pn	18 55 36.4 +1.6	
OSSR	Ossora	4.27	336	eP	Pn	18 55 36.4 +1.6	
SPN	Mys Shipunski	4.41	241	PN	Pn	18 55 36.4 -0.3	
SPN	Mys Shipunski	4.41	241	eS	Pn	18 55 36.4 -0.3	
ESO	Esso	4.41	280	PN	Pn	18 55 37.7 +0.9	
ESO	Esso	4.41	280	eP	Pn	18 55 37.7 +0.9	
NLC	Nalychchevo	4.71	245	PN	Pn	18 55 40.7 -0.2	
NLC	Nalychchevo	4.71	245	eP	Pn	18 55 40.7 -0.2	
SDLR	Sedlovina	4.90	247	PN	Pn	18 55 44.1 +0.5	
SDLR	Sedlovina	4.90	247	eP	Pn	18 55 44.1 +0.5	
TIGL	Tigil	4.90	302	PN	Pn	18 55 46.3 +2.8	
TIGL	Tigil	4.90	302	eS	Pn	18 55 46.3 +2.8	
SMAR	Somma	4.95	248	PN	Pn	18 55 44.5 +0.1	
SMAR	Somma	4.95	248	eP	Pn	18 55 44.5 +0.1	
KRER	Koryakskii	4.96	248	PN	Pn	18 55 45.1 +0.7	
KRER	Koryakskii	4.96	248	eP	Pn	18 55 45.1 +0.7	
UGLR	Uglovaya	4.96	247	PN	Pn	18 55 45.2 +0.7	
UGLR	Uglovaya	4.96	247	eP	Pn	18 55 45.2 +0.7	
AVH	Avacha	4.98	248	PN	Pn	18 56 42.1 +0.5	
AVH	Avacha	4.98	248	eS	Pn	18 56 42.1 +0.5	
AVH	Avacha	4.98	248	eP	Pn	18 56 42.1 +0.5	
KRX	Arik	4.98	249	PN	Pn	18 55 45.4 +0.6	
KRX	Arik	4.98	249	eS	Pn	18 55 45.4 +0.6	
KRX	Arik	4.98	249	eP	Pn	18 55 45.4 +0.6	
KOK	Koryaka	5.02	248	PN	Pn	18 55 46.1 +0.8	
KOK	Koryaka	5.02	248	eP	Pn	18 55 46.1 +0.8	
DALK	Dalny	5.09	245	PN	Pn	18 55 46.2 +0.2	
DALK	Dalny	5.09	245	eS	Pn	18 55 46.2 +0.2	
DALK	Dalny	5.09	245	eP	Pn	18 55 46.2 +0.2	
PALN	Palana	5.10	319	PN	Pn	18 55 46.3 -1.0	
PALN	Palana	5.10	319	eP	Pn	18 55 46.3 -1.0	
PET	Petropavlovsk	5.14	246	PN	Pn	18 55 46.0 -0.8	
PET	Petropavlovsk	5.14	246	eS	Pn	18 55 46.0 -0.8	
PET	Petropavlovsk	5.14	246	eP	Pn	18 55 46.0 -0.8	
PET	Petropavlovsk	5.14	246	eP	Pn	18 55 47.2 +0.4	
PET	Petropavlovsk	5.14	246	eS	Pn	18 55 47.2 +0.4	
PET	Petropavlovsk	5.14	246	eP	Pn	18 55 47.2 +0.4	
INSR	Institute	5.15	246	eS	Pn	18 55 50.3 +3.5	
SHEM	Shemya Is, Ala	5.25	117	PN	Pn	18 55 47.4 -0.8	
SHEM	Shemya Is, Ala	5.25	117	PN	Pn	18 55 47.0 -1.1	
SHEM	Shemya Is, Ala	5.25	117	PN	Pn	18 55 47.0 -1.3	
SMY	Shemya	5.25	117	PN	Pn	18 55 47.2 -1.1	
SMY	Shemya	5.25	117	PN	Pn	18 55 46.6 -1.7	
KRMR	Karymskiy	5.52	246	PN	Pn	18 55 52.7 +0.8	
KRMR	Karymskiy	5.52	246	eS	Pn	18 56 54.9 +0.2	
KRMR	Karymskiy	5.52	246	eP	Pn	18 55 52.8 +0.8	
RUS	Russkaya	5.54	241	PN	Pn	18 56 54.9 +0.2	
RUS	Russkaya	5.54	241	eP	Pn	18 55 52.1 -0.1	
RUS	Russkaya	5.54	241	eS	Pn	18 55 52.1 -0.1	
PEAOB	Petropavlovsk	5.61	249	PN	Pn	18 55 53.9 +0.7	
PEAOB	Petropavlovsk	5.61	249	eS	Pn	18 56 58.7 +1.7	
PEAOB	Petropavlovsk	5.61	249	eP	Pn	18 55 53.9 +0.7	
PETK	Petropavlovsk	5.61	249	PN	Pn	18 56 55.5 -1.4	
PETK	Petropavlovsk	5.61	249	eS	Pn	18 56 55.5 -1.4	
PETK	Petropavlovsk	5.61	249	eP	Pn	18 56 55.5 -1.4	
PETK	Petropavlovsk	5.61	249	eP	Pn	18 55 53.3 +0.1	
PETK	Petropavlovsk	5.61	249	eS	Pn	18 55 53.3 +0.1	
MTRV	Mutnovka	5.68	242	PN	Pn	18 55 54.6 +0.3	
MTRV	Mutnovka	5.68	242	eP	Pn	18 55 54.6 +0.3	
GRL	Gorehly	5.69	243	PN	Pn	18 55 55.6 +1.1	
GRL	Gorehly	5.69	243	eP	Pn	18 55 55.6 +1.1	
ASAK	Asacha	5.88	243	PN	Pn	18 55 58.2 +1.2	
ASAK	Asacha	5.88	243	eS	Pn	18 55 58.2 +1.2	
ASAK	Asacha	5.88	243	eP	Pn	18 57 03.1 -0.6	
APC	Apacha	5.98	249	PN	Pn	18 55 59.1 +0.8	
APC	Apacha	5.98	249	eP	Pn	18 55 59.2 +0.8	
KDTR	Khodutka, Kamc	6.13	238	PN	Pn	18 56 00.1 -0.3	
KDTR	Khodutka, Kamc	6.13	238	eP	Pn	18 56 00.1 -0.3	
PAU	Pauzhetka	6.96	240	PN	Pn	18 56 12.6 +0.8	
PAU	Pauzhetka	6.96	240	eP	Pn	18 56 12.6 +0.8	
SKR	Severo-Kuril'sk	7.80	237	eP	Pn	18 56 23.9 +0.6	
SKR	Severo-Kuril'sk	7.80	237	eS	Pn	18 56 22.1 -1.2	
AMKA	Amchitka	8.68	112	PN	Pn	18 56 34.3 -1.1	
KIWB	Kanagicha	10.38	103	PN	Pn	18 56 57.9 -0.7	
ADK	Adak	10.62	102	PN	Pn	18 57 00.7 -1.2	
ADK	Adak	10.62	102	eP	Pn	18 57 00.7 -1.2	
GSTR	Great Sitkin T	10.89	100	PN	Pn	18 57 04.2 -1.4	
ATKA	Atka Island	11.89	98	PN	Pn	18 57 17.5 -1.7	
BILL	Bilibino	13.62	360	i/P	Pn	18 57 30.0 -0.1	
OKH	Okha	13.77	272	eP	Pn	18 57 43.9 -1.0	
OKH	comp=E, 1.1um, 17.0s			MLR	MLR		
OKH	comp=N, 1.1um, 16.0s			MLR	MLR		
OKH	comp=Z, 300nm, 14.0s			MLR	MLR		
UNV	Unalaska Yalite	15.72	84	P	P	18 58 15.6 +0.7	
LVA	Lava Point	15.90	83	P	P	18 58 13.3 +0.3	
AKUT	Akutun	16.05	83	P	P	18 58 15.5 +0.2	
K13K	Kusilvak Mount	16.30	55	P	P	18 58 18.7 +0.3	
M13K	Dal Lake	16.73	60	P	P	18 58 24.7 -1.4	
M13K	comp=Z, 44nm, 1.1s			Iamb	Iamb	18 58 46.3	
J14K	Nanvaranak Lak	16.96	52	P	P	18 58 25.8 -1.0	
YSS	Yuzhno-Sakhali	17.01	250	eP	Pn	18 58 24.1 -3.4	
YSS	comp=Z, 10.0nm, 0.6s			pmax	pmax		
YSS	comp=Z, 200nm, 17.0s			MLR	MLR		

L14K	Kuka Creek	17.14	57	P	P	18 58 29.5 -1.1	
YUK	Yuzh-Kuril'sk	17.42	238	i/P	P	18 58 33.8 0.0	
M14K	Bethel	17.42	59	P	P	18 58 33.8 -0.1	
M14K	comp=Z, 30nm, 1.1s			Iamb	Iamb	18 58 54.4	
O14K	Tiglykaiuvet M	17.76	64	P	P	18 58 38.1 +0.6	
O14K	comp=Z, 37nm, 1.0s			Iamb	Iamb	18 58 39.6	
K15K	Wolf Creek Mou	17.81	54	P	P	18 58 39.1 +1.1	
K15K	comp=Z, 35nm, 1.5s			Iamb	Iamb	18 58 40.8	
N15K	Kwethluk River	18.34	61	Pn	Pn	18 58 44.4 +0.3	
N15K	comp=Z, 20nm, 0.9s			Iamb	Iamb	18 58 53.4	
O15K	Ungalikthiuk R	18.50	64	P	Pn	18 58 46.7 +0.8	
O15K	comp=Z, 33nm, 1.2s			Iamb	Iamb	18 59 04.0	
L16K	Owhat River	18.71	56	Pn	Pn	18 58 48.0 -0.4	
M16K	Timber Creek	18.92	59	Pn	Pn	18 58 52.9 +2.0	
JKA	Kamikawa-asahi	18.98	243	P	P	18 58 52.2 +0.5	
ASAJ	Asahikawa	18.99	243	P	pmax	18 58 52.2 +0.4	
ASAJ	comp=Z, 45nm, 1.2s			pmax	pmax		
VNFG	Fog Glacier, M	19.02	73	Pn	Pn	18 58 52.5 +0.3	
H7K	Granite Mounta	19.03	46	P	P	18 58 51.9 -0.4	
H7K	ISM Dome	19.08	51	eS	P	18 58 54.1 +1.2	
K17K	Iditarod	19.34	53	Pn	Pn	18 58 56.1 +0.1	
O16K	Kokwok River B	19.37	63	Pn	Pn	18 58 56.0 -0.3	
CHGN	Chignik	19.63	73	P	P	18 58 57.6 -0.4	
M17K	Holtna River	19.66	57	Iamb	Iamb	18 59 05.7	
H18K	Honshora River	19.72	46	Pn	Pn	18 59 09.4 +0.4	
N17K	Nushagak Hills	19.79	60	Pn	Pn	18 59 00.4 -0.9	
N17K	comp=Z, 28nm, 1.2s			Iamb	Iamb	18 59 20.3	
YAK	comp=Z, 1.6nm, 0.3s, baz=173, slow=1.4, SNR=11	19.98	304	P	P	18 59 00.4 -1.3	
YAK	comp=Z, 1.5nm, 0.8s			AML	AML		
YAK	Yakutsk	19.98	304	i/P	P	18 58 59.8 -1.9	
YAK	comp=Z, 30nm, 1.2s			pmax	pmax	18 59 02.3 -2.5	
YAK	comp=N, 8.0nm, 1.7s			pmax	pmax		
YAK	comp=E, 16nm, 1.1s			smax	smax		
YAK	comp=N, 110nm, 3.4s			smax	smax		
YAK	comp=E, 159nm, 4.5s			smax	smax		
YAK	Yakutsk	19.98	304	P	P	18 59 00.4 -1.3	
L18K	Granite Mounta	20.05	55	P	Pn	18 59 03.4 -1.0	
J18K	Innokko River	20.14	51	Iamb	Iamb	18 59 06.1	
ERM	Erimo	20.25	238	i/P	P	18 59 02.3 -2.5	
ERM	comp=Z, 32nm, 1.4s			pmax	pmax		
F19K	Shalercuk M	20.39	42	Pn	Pn	18 59 07.6	

19d 18h

Table with columns: PDAR, Pinedale Array, 53.17 66 P, 19 03 48.1 +0.5, etc.

IDC 19 18:58:22.8-0.5, 55:54N-166:41E, h0km, mb4.3/30, mbmp4.3/34, ML4.7/3, MS4.0/70, Error ellipse: s-maj=14.3km s-min=9.5km az=158.0

BUI 19 18:58:22.5, 55:57N-166:56E, h15km, mb4.9/21, mb4.5/50, Ms4.7/33, Ms7.4/4/38

KRSC 19 18:58:23.2, 1.1, 55:46N-166:34E, h34km-9km, Mc5.5, M5.1

GCMT 19 18:58:25.7, 2.0, 55:51N-166:49E, h16km, Mw4.9/14, Moment Tensor Solution, s42, c55, s14, c168, Duration of Moment tensor: Scal=1.016Nm; Mw=0.35c; 07; Mw=1.96c; 07; Mw=1.61c; 06; Mw=0.89c; 19; Mw=1.31c; 06; Mw=1.43c; 23; Best double couple: M2: 78600x10^16 Np1: 116.00000, 852.00000, 1.175.00000, NP2: 209.00000, 886.00000, 1.38.00000

Principal axes: T: 2.6380, Plg29.0000, Azm80.0000; N: 0.2970, Plg52.0000, Azm214.0000; P: -2.9330, Plg23.0000, Azm337.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function GFZ 19 18:58:26.3-0.2, 56:16N-166:41E, h10km, M4.7/24, mb4.8/24

NEIC 19 18:58:26.7, 1.7, 55:55N-166:41E, h28km, mb4.7/36, Error ellipse: s-maj=12.3km s-min=8.7km az=172.0

MOS 19 18:58:26.0, 1.1, 55:45N-166:37E, h37km, mb4.8/36, Error ellipse: s-maj=5.7km s-min=4.8km az=146.3

ISC 19 18:58:25.8-0.3, 55:55N-166:40E, h20km, mb4.9/27, s150/340, mb4.7/216, MS4.1/81, 21C-4D, Komandorsky Islands region

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

2020 AUG

Main table with columns: KII, Karymskiy, 4.29 253 PN, 18 59 30.4 +0.5, etc.

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Table with columns: ASAJ, Pmax, Pmax, 19 03 48.1 +0.5, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like K24K Donnelly Dome, HIN Hinchinbrook I, D25K Kavik River, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like SONM Songino Array, H1S3 WAKE ISLAND Hy, ZAK ZAK, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like MAKZ Makanchi, BMN Battle Mountain, WAKR Walker, etc.

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like RC01 Rabbit Creek A, ATKA Atka Island, etc.

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like MA2 Magadan, MA2 Magadan, NEW Newport, etc.

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Radium Mtn., etc.

LLD	Lille Lunde	69.93	4	i P	P	19 57 05.1 +0.5
LLD				I Amb	I Amb	19 57 05.8
	comp=Z,73nm,0.8s					
UZB	Uzrynbulak	70.01	318	i P	P	19 57 05.7 +0.2
UZB	Uzrynbulak	70.01	318	i P	P	19 57 05.7 +0.2
DSB	Dublin	70.06	16	P	P	19 57 06.6 +1.1
AKTO	Aktjyubinsk	70.20	335	P	P	19 57 06.4 +0.1
	comp=Z,121nm,0.8s,baz=14,slo=5.4,SNR=198					
AKTO				LR	LR	20 31 58.0
	comp=Z,262nm,20.6s,baz=5.5,slo=59					
	comp=Z,121nm,0.8s					
BTLs	Baital	70.23	322	e P	P	19 57 07.0 +0.4
BTLs	Baital	70.23	322	e P	P	19 57 07.0 +0.4
BSD	Bornholm Skovb	70.25	3	i P	P	19 57 06.6 +0.1
BSD				I Amb	I Amb	19 57 07.3
	comp=Z,38nm,0.9s					
BSD	Bornholm Skovb	70.25	3	P	P	19 57 06.9 +0.4
	comp=Z,48nm,0.9s,comp=Z,426nm					
SATY	Saty	70.33	318	i P	P	19 57 07.7 +0.3
SATY	Saty	70.33	318	i P	P	19 57 07.7 +0.3
GYA	Guiyang	70.38	288	i P	P	19 57 08.5 +0.5
GYA				pmax	pmax	
	comp=Z,110nm,0.9s					
KUU	Kurty	70.39	320	e P	P	19 57 08.0 +0.4
KUU	Kurty	70.39	320	e P	P	19 57 08.0 +0.4
CHIV	Chivricvo	70.50	83	I Amb	I Amb	19 57 09.9
	comp=Z,44nm,0.8s					
BELG	Belogornoye	70.54	342	LR	LR	20 32 48.1
	comp=Z,434nm,19.4s,baz=46,slo=40					
BELG	Belogornoye	70.54	342	P	P	19 57 06.2 -2.1
	comp=Z,25nm,0.9s					
VAL	Valentia	70.65	19	P	P	19 57 10.4 +1.4
MNK	Minsk	70.72	355	i P	P	19 57 09.7 +0.3
MNK				i P	P	19 57 09.1 +2.2
MNK				i P	P	19 57 31.2 +1.2
MNK				i		19 59 46.0
MNK				i PPP	PPP	20 01 27.2
MNK				i S	S	20 06 20.1 +0.1
MNK				i S	S	20 06 44.5 +2.9
MNK				i S	S	20 10 53.2 +2.0
	comp=Z,119nm,0.8s					
MNK				pmax	pmax	
DZA	Taraz	73.06	323	e P	P	19 57 23.9 +0.2
MNK				pmax	pmax	
MNK				pmax	pmax	
MNK				pmax	pmax	
MNK				MLR	MLR	
MNK				MLR	MLR	
MDOK	Medeo	70.75	319	e P	P	19 57 10.2 +0.2
MDOK	Medeo	70.75	319	e P	P	19 57 10.2 +0.2
AAA	Alma-Ata	70.77	319	e P	P	19 57 10.4 +0.4
AAA				pmax	pmax	
	comp=Z,52nm,1.0s					
AAA	Alma-Ata	70.77	319	e P	P	19 57 10.4 +0.4
	comp=Z,52nm,1.0s					
RGN	Rugen	70.77	4	e P	P	19 57 10.5 +0.8
	comp=Z,136nm,0.9s,baz=355,slo=5.8					
RGN				e P	P	19 57 27.1 -0.5
	comp=Z,356,slo=5.8					
RGN	Rugen	70.77	4	P	P	19 57 10.9 +1.2
	comp=Z,171nm,0.9s,comp=Z,23um					
AB31	Akbulak array	70.80	333	i P	P	19 57 09.8 -0.2
AB31	Akbulak array	70.80	333	i P	P	19 57 10.0 0.0
PRZ	Przevalsk	70.82	318	I Amb	I Amb	19 57 12.7
	comp=Z,51nm,1.0s					
IWEX	Carrickbyrne	70.85	17	P	P	19 57 10.9 +0.7
NMDO	Nuncio Mundo	70.85	81	e P	P	19 57 10.5 -0.2
NMDO				I Amb	I Amb	19 57 12.0
	comp=Z,26nm,0.8s					
KRVT	Keravat (AS076)	70.87	231	LR	LR	20 23 53.0
	comp=Z,37nm,20.9s,baz=314,slo=32					
TNSS	Tian-Shan	70.90	319	e P	P	19 57 11.2 0.0
TNSS	Tian-Shan	70.90	319	e P	P	19 57 11.2 0.0
FOEL	Foel Wyifa	70.90	14	e P	P	19 57 11.4 +0.8
FOEL				I Amb	I Amb	19 57 12.6
	comp=Z,60nm,0.8s					
FOEL	Foel Wyifa	70.90	14	P	P	19 57 11.4 +0.8
	comp=Z,17nm,1.0s					
MANU	Manus Island	71.06	237	P	P	19 57 12.7 +0.8
BSEG	Bad Segeberg	71.23	6	e P	P	19 57 13.2 +0.7
	comp=Z,25nm,0.8s,baz=355,slo=5.8					
BSEG				e P	P	19 57 29.7 -0.8
	comp=Z,356,slo=5.8					
BSEG	Bad Segeberg	71.23	6	P	P	19 57 13.4 +0.9
	comp=Z,378nm,comp=Z,396nm,0.9s					
CWF	Charnwood Fore	71.31	13	e P	P	19 57 13.7 +0.6
CWF				I Amb	I Amb	19 57 14.5
	comp=Z,17nm,0.8s					
SUW	Suwalki	71.38	358	e P	P	19 57 12.9 -0.5
SGDS	Sogindy	71.40	321	i P	P	19 57 14.3 +0.4
TKM2	Tokmak 2	71.50	320	P	P	19 57 15.1 +0.4
	SNR=53					
WACR	West Acre	71.57	12	e P	P	19 57 14.8 +0.2
WACR				I Amb	I Amb	19 57 16.3
	comp=Z,140nm,0.8s					
RSBS	Rosebush, Pemb	71.58	16	e P	P	19 57 15.3 +0.6
RSBS				I Amb	I Amb	19 57 16.6
	comp=Z,40nm,0.8s					
KDJ	Kajisay	71.59	319	I Amb	I Amb	19 57 16.8
USP	Ospenovka	71.61	321	P	P	19 57 15.8 +0.7
	comp=Z,48nm,0.9s					
LPSR	Galich'ya Gora	71.64	348	e P	P	19 57 12.6 -2.4
LPSR				e P	P	19 57 28.2 +0.3
LPSR				pmax	pmax	
	comp=Z,60nm,0.9s					
TARG	Taragay, Kyrgy	71.69	318	I Amb	I Amb	19 57 18.2
	comp=Z,22nm,0.7s					
TARG	Taragay, Kyrgy	71.69	318	P	P	19 57 17.0 +0.9
	comp=Z,377nm,comp=Z,30nm,1.1s,comp=Z,377nm					
CHMS	Chumchik	71.75	321	P	P	19 57 16.7 +0.8
	SNR=67					
MCH1	Michaelchurch	71.80	14	e P	P	19 57 16.3 +0.4
MCH1				I Amb	I Amb	19 57 18.0
	comp=Z,19nm,0.8s					
ULHL	Ulaloh	71.85	319	P	P	19 57 17.4 +0.7
	SNR=15					
LNIZ	Loecknitz	71.85	3	P	P	19 57 17.1 +0.8
	comp=Z,1um,comp=Z,80nm,1.0s					
KBK	Karagaybulak	71.97	320	P	P	19 57 18.3 +0.9
	SNR=34					
SAVO	Savo Central	71.99	222	P	P	19 57 18.2 +0.7
STRD	Stroud	72.14	14	e P	P	19 57 18.6 +0.7
STRD				I Amb	I Amb	19 57 19.7
	comp=Z,44nm,0.7s					
GKP	Gorka Klaztor	72.15	1	e P	P	19 57 18.6 +0.5
AAK	Ala-Archa	72.16	321	P	P	19 57 19.2 +0.8
AAK				LR	LR	20 31 39.8
	comp=Z,34nm,0.8s,baz=76,slo=2.6,SNR=43					
AAK	Ala-Archa	72.16	321	P	P	19 57 19.3 +0.8
AAK				LR	LR	20 31 39.8
	comp=Z,293nm,18.5s,baz=28,slo=38					
	comp=Z,34nm,0.8s					
AAK	Ala-Archa	72.16	321	e P	P	19 57 19.1 +0.5
AAK				pmax	pmax	
	comp=Z,69nm,1.3s					
AAK	Ala-Archa	72.16	321	P	P	19 57 19.0 +0.5
AAK				I Amb	I Amb	19 57 20.2
	comp=Z,44nm,0.9s					
AAK	Ala-Archa	72.16	321	P	P	19 57 19.3 +0.8
	comp=Z,503nm,comp=Z,58nm,1.1s					
HNR	Honiar	72.20	221	LR	LR	20 26 18.1
GORT1	Trebel	72.23	5	e P	P	19 57 19.3 +0.8
GORT1				e P	P	19 57 36.0 -0.4
	comp=Z,31nm,1.0s,baz=355,slo=5.8					
	comp=Z,356,slo=5.8					
GORT1	Trebel	72.23	5	P	P	19 57 19.5 +1.0
	comp=Z,1um,comp=Z,43nm,1.0s,comp=Z,1um					
RETH	Rethem/Aller	72.37	6	e P	P	19 57 20.0 +0.7
	comp=Z,30nm,1.0s,baz=355,slo=5.8					
RETH				e P	P	19 57 36.5 -0.6
	comp=Z,356,slo=5.8					
RETH	Rethem/Aller	72.37	6	P	P	19 57 20.1 +0.9
	comp=Z,686nm,comp=Z,45nm,1.1s,comp=Z,686nm					
EKS2	Erkin-Say	72.40	321	P	P	19 57 20.6 +0.7
	SNR=53					
SWN1	Swindon	72.44	14	e P	P	19 57 20.8 +1.0
SWN1				I Amb	I Amb	19 57 21.6
	comp=Z,54nm,0.7s					
UCH	Uchtor	72.51	320	P	P	19 57 21.7 +0.8
	SNR=15					
VORR	Voronezh	72.52	347	e P	P	19 57 17.2 -3.0
VORR				e P	P	19 57 34.3 +1.1
VORR				pmax	pmax	

VRH	Novokhoporyorsk	72.64	346	e P	P	19 57 17.6 -3.3
VRH				e P	P	19 57 36.4 -1.8
	comp=Z,40nm,0.9s					
VRH				pmax	pmax	
NRN	Naryn	72.64	319	I Amb	I Amb	19 57 23.7
	comp=Z,54nm,0.9s					
IBBN	Ibbuburen	72.68	8	e P	P	19 57 21.9 +0.7
IBBN				e P	P	19 57 38.4 -0.1
	comp=Z,62nm,1.0s,baz=355,slo=5.8					
IBBN	Ibbuburen	72.68	8	P	P	19 57 22.1 +0.9
	comp=Z,789nm,comp=Z,65nm,1.1s,comp=Z,789nm					
PRT	Papete	72.80	169	LR	LR	20 21 07.2
	comp=Z,303nm,20.0s,baz=340,slo=29					
RUE	Ruedersdorf	72.85	4	e P	P	19 57 22.7 +0.5
	comp=Z,118nm,1.0s,baz=355,slo=5.8					
RUE				e P	P	19 57 39.6 +0.5
	comp=Z,356,slo=5.8					
RUE	Ruedersdorf	72.85	4	P	P	19 57 23.0 +0.9
	comp=Z,1um,comp=Z,121nm,1.0s					
FLTG	Flechtingen	72.88	5	e P	P	19 57 22.3 -0.1
	comp=Z,39nm,0.9s,baz=355,slo=5.8					
FLTG						

19d 19h

Table with columns for station name, frequency, mode, signal strength, and other parameters. Includes stations like TNCH, GRBZ, SLVN, STHS, VRCAC, etc.

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Table with columns for station name, frequency, mode, signal strength, and other parameters. Includes stations like CELP, PMG, PMG, PMG, etc.

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Table with columns for station name, frequency, mode, signal strength, and other parameters. Includes stations like VARL, SABO, VLDL, CGRP, SSB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCAB Cabril, TEKS Tekeris, DLV Lat, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMTG Iamb, COEN Coen, COEN Coen, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ISP comp=Z,84nm,1.3s, PMAR Madeira, CTA Charters Tower, etc.

19d 20h

Table with columns: VNA1, VNA2, SNA, SNA, SNA, SNA, TROLL, TROLL, ELIB, NVL, NVL. Includes station names, coordinates, and various parameters.

NNC 19:58:58.2:5.0, 40.32N:65.76E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=47.5km s-min=20.4km az=10.0

IDC 19:59:01.6:1.1, 40.33N:65.76E, h0km, mb3.8/10, mmp2.8/17, ML3.5/7, Error ellipse: s-maj=18.6km s-min=12.8km az=177.0

ISU 19:59:03.0:4.0, 40.45N:65.65E, h5km NEIC 19:59:04.6:1.9, 40.57N:0.06:65.80E:0.09, h10km, 1km, mb4.4/8, Error ellipse: s-maj=13.3km s-min=7.4km az=122.0

ISC 19:59:03.9:0.5, 40.55N:0.04:65.85E:0.04, h10km, n56, a154/66, mb3.8/12, 3C-3D, Southeastern Uzbekistan

Main table for 19d 20h section, listing station codes, names, coordinates, and various parameters for numerous stations.

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Table for 2020 AUG section, listing stations N2, NOA, YAK, YAK, TORD, TORD, ILAR, ILAR, YKA, YKA, WRA, WRA, ASAR, ASAR with their respective coordinates and parameters.

AEIC 19:20:02:33.6:3.1, 53.57N:0.07:164.73W:0.08, h31km, 8km, Error ellipse: s-maj=11.8km s-min=4.9km az=153.0

NEIC 19:20:02:34.4:2.5, 53.48N:0.05:164.75W:0.08, h35km, 2km, ML3.5/16, ML3.1(AEIC), Error ellipse: s-maj=10.5km s-min=6.0km az=323.0, Unimak Island region

Main table for 2020 AUG section, listing station codes, names, coordinates, and various parameters for numerous stations.

HLW 19:20:26:17.4, 27.62N:34.28E, h18km, 2km, Md2.6, Ml2.8 SCS 19:20:26:19.6, 27.75N:34.43E, h12km, Ml1.5

ISC 19:20:26:16.9:1.8, 27.58N:0.04:34.36E:0.03, h25km, 15km, n22, c070/28, Red Sea

Table for 2020 AUG section, listing station codes, names, coordinates, and various parameters for numerous stations.

BUJ 19:20:32:54.0, 3.88S:134.35E, h10km, mb4.9/6, mb4.5/32 IDC 19:20:32:59.0:0.6, 3.36S:133.85E, h0km, mb4.3/13, mbmp4.3/16, ML3.6/3, MS3.5/16, Error ellipse: s-maj=24.1km s-min=12.5km az=69.0

NEIC 19:20:32:00.4:1.8, 2.52S:0.06:133.77E:0.07, h10km, 1km, mb4.8/93, Error ellipse: s-maj=14.6km s-min=3.3km az=49.0

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DJA 19:20:33:01.1:0.2, 3°S:3°13'4E, h10km, M4.6/7, mB5.0/4, mb4.9/5, mb4.9/5, mB5.0/4, MLv4.5/7, MLv4.7/10, Mw(mB)4.4/4, Mw(mB)4.4/4

GFZ 19:20:33:03.9:0.3, 3°S:3°13'4E, h75km, M4.5/17, mb4.5/17

ISC 19:20:33:04.0:0.4, 3.44S:0.04:133.87E:0.05, h13km, n174, a190/128, mb4.7/68, MS3.4/13, 2D, Irian Jaya region

Main table for 1156 section, listing station codes, names, coordinates, and various parameters for numerous stations.

CHTO	Chiang Mai	40.87 304	P	P	20 40 42.5	0.0
KSRS	Korea Array	41.06 353	LR	LR	20 55 58.8	
KM12	Kunming	41.47 315	P	P	20 40 48.5	+0.9
PZH	PanZhiHua	43.02 316	P	P	20 41 02.1	+2.0
XAN	Xian	44.08 330	P	P	20 41 08.4	-0.1
HNS	HongShan	44.37 338	P	P	20 41 11.4	+0.8
TNCH	TengChong	44.48 311	P	P	20 41 12.5	+0.6
BJ12	Beijing	46.20 341	P	P	20 41 25.9	+0.7
BJ21	Beijing	46.20 341	P	SP	20 41 30.5	-0.6
BJ22	Beijing	46.20 341	P	P	20 41 24.7	-0.5
BJT	Bajitatuau	46.20 341	P	IAMB	20 41 26.6	
BJ23	Beijing	46.20 341	P	P	20 41 33.7	-0.3
BJ24	Beijing	46.20 341	P	P	20 41 35.6	
BJ25	Beijing	46.20 341	P	P	20 41 37.7	-0.3
BJ26	Beijing	46.20 341	P	P	20 41 39.8	
BJ27	Beijing	46.20 341	P	P	20 41 41.9	
BJ28	Beijing	46.20 341	P	P	20 41 44.0	
BJ29	Beijing	46.20 341	P	P	20 41 46.1	
BJ30	Beijing	46.20 341	P	P	20 41 48.2	
BJ31	Beijing	46.20 341	P	P	20 41 50.3	
BJ32	Beijing	46.20 341	P	P	20 41 52.4	
BJ33	Beijing	46.20 341	P	P	20 41 54.5	
BJ34	Beijing	46.20 341	P	P	20 41 56.6	
BJ35	Beijing	46.20 341	P	P	20 41 58.7	
BJ36	Beijing	46.20 341	P	P	20 41 60.8	
BJ37	Beijing	46.20 341	P	P	20 41 62.9	
BJ38	Beijing	46.20 341	P	P	20 41 65.0	
BJ39	Beijing	46.20 341	P	P	20 41 67.1	
BJ40	Beijing	46.20 341	P	P	20 41 69.2	
BJ41	Beijing	46.20 341	P	P	20 41 71.3	
BJ42	Beijing	46.20 341	P	P	20 41 73.4	
BJ43	Beijing	46.20 341	P	P	20 41 75.5	
BJ44	Beijing	46.20 341	P	P	20 41 77.6	
BJ45	Beijing	46.20 341	P	P	20 41 79.7	
BJ46	Beijing	46.20 341	P	P	20 41 81.8	
BJ47	Beijing	46.20 341	P	P	20 41 83.9	
BJ48	Beijing	46.20 341	P	P	20 41 86.0	
BJ49	Beijing	46.20 341	P	P	20 41 88.1	
BJ50	Beijing	46.20 341	P	P	20 41 90.2	
BJ51	Beijing	46.20 341	P	P	20 41 92.3	
BJ52	Beijing	46.20 341	P	P	20 41 94.4	
BJ53	Beijing	46.20 341	P	P	20 41 96.5	
BJ54	Beijing	46.20 341	P	P	20 41 98.6	
BJ55	Beijing	46.20 341	P	P	20 42 00.7	
BJ56	Beijing	46.20 341	P	P	20 42 02.8	
BJ57	Beijing	46.20 341	P	P	20 42 04.9	
BJ58	Beijing	46.20 341	P	P	20 42 07.0	
BJ59	Beijing	46.20 341	P	P	20 42 09.1	
BJ60	Beijing	46.20 341	P	P	20 42 11.2	
BJ61	Beijing	46.20 341	P	P	20 42 13.3	
BJ62	Beijing	46.20 341	P	P	20 42 15.4	
BJ63	Beijing	46.20 341	P	P	20 42 17.5	
BJ64	Beijing	46.20 341	P	P	20 42 19.6	
BJ65	Beijing	46.20 341	P	P	20 42 21.7	
BJ66	Beijing	46.20 341	P	P	20 42 23.8	
BJ67	Beijing	46.20 341	P	P	20 42 25.9	
BJ68	Beijing	46.20 341	P	P	20 42 28.0	
BJ69	Beijing	46.20 341	P	P	20 42 30.1	
BJ70	Beijing	46.20 341	P	P	20 42 32.2	
BJ71	Beijing	46.20 341	P	P	20 42 34.3	
BJ72	Beijing	46.20 341	P	P	20 42 36.4	
BJ73	Beijing	46.20 341	P	P	20 42 38.5	
BJ74	Beijing	46.20 341	P	P	20 42 40.6	
BJ75	Beijing	46.20 341	P	P	20 42 42.7	
BJ76	Beijing	46.20 341	P	P	20 42 44.8	
BJ77	Beijing	46.20 341	P	P	20 42 46.9	
BJ78	Beijing	46.20 341	P	P	20 42 49.0	
BJ79	Beijing	46.20 341	P	P	20 42 51.1	
BJ80	Beijing	46.20 341	P	P	20 42 53.2	
BJ81	Beijing	46.20 341	P	P	20 42 55.3	
BJ82	Beijing	46.20 341	P	P	20 42 57.4	
BJ83	Beijing	46.20 341	P	P	20 42 59.5	
BJ84	Beijing	46.20 341	P	P	20 43 01.6	
BJ85	Beijing	46.20 341	P	P	20 43 03.7	
BJ86	Beijing	46.20 341	P	P	20 43 05.8	
BJ87	Beijing	46.20 341	P	P	20 43 07.9	
BJ88	Beijing	46.20 341	P	P	20 43 10.0	
BJ89	Beijing	46.20 341	P	P	20 43 12.1	
BJ90	Beijing	46.20 341	P	P	20 43 14.2	
BJ91	Beijing	46.20 341	P	P	20 43 16.3	
BJ92	Beijing	46.20 341	P	P	20 43 18.4	
BJ93	Beijing	46.20 341	P	P	20 43 20.5	
BJ94	Beijing	46.20 341	P	P	20 43 22.6	
BJ95	Beijing	46.20 341	P	P	20 43 24.7	
BJ96	Beijing	46.20 341	P	P	20 43 26.8	
BJ97	Beijing	46.20 341	P	P	20 43 28.9	
BJ98	Beijing	46.20 341	P	P	20 43 31.0	
BJ99	Beijing	46.20 341	P	P	20 43 33.1	
BJ100	Beijing	46.20 341	P	P	20 43 35.2	
BJ101	Beijing	46.20 341	P	P	20 43 37.3	
BJ102	Beijing	46.20 341	P	P	20 43 39.4	
BJ103	Beijing	46.20 341	P	P	20 43 41.5	
BJ104	Beijing	46.20 341	P	P	20 43 43.6	
BJ105	Beijing	46.20 341	P	P	20 43 45.7	
BJ106	Beijing	46.20 341	P	P	20 43 47.8	
BJ107	Beijing	46.20 341	P	P	20 43 49.9	
BJ108	Beijing	46.20 341	P	P	20 43 52.0	
BJ109	Beijing	46.20 341	P	P	20 43 54.1	
BJ110	Beijing	46.20 341	P	P	20 43 56.2	
BJ111	Beijing	46.20 341	P	P	20 43 58.3	
BJ112	Beijing	46.20 341	P	P	20 44 00.4	
BJ113	Beijing	46.20 341	P	P	20 44 02.5	
BJ114	Beijing	46.20 341	P	P	20 44 04.6	
BJ115	Beijing	46.20 341	P	P	20 44 06.7	
BJ116	Beijing	46.20 341	P	P	20 44 08.8	
BJ117	Beijing	46.20 341	P	P	20 44 10.9	
BJ118	Beijing	46.20 341	P	P	20 44 13.0	
BJ119	Beijing	46.20 341	P	P	20 44 15.1	
BJ120	Beijing	46.20 341	P	P	20 44 17.2	
BJ121	Beijing	46.20 341	P	P	20 44 19.3	
BJ122	Beijing	46.20 341	P	P	20 44 21.4	
BJ123	Beijing	46.20 341	P	P	20 44 23.5	
BJ124	Beijing	46.20 341	P	P	20 44 25.6	
BJ125	Beijing	46.20 341	P	P	20 44 27.7	
BJ126	Beijing	46.20 341	P	P	20 44 29.8	
BJ127	Beijing	46.20 341	P	P	20 44 31.9	
BJ128	Beijing	46.20 341	P	P	20 44 34.0	
BJ129	Beijing	46.20 341	P	P	20 44 36.1	
BJ130	Beijing	46.20 341	P	P	20 44 38.2	
BJ131	Beijing	46.20 341	P	P	20 44 40.3	
BJ132	Beijing	46.20 341	P	P	20 44 42.4	
BJ133	Beijing	46.20 341	P	P	20 44 44.5	
BJ134	Beijing	46.20 341	P	P	20 44 46.6	
BJ135	Beijing	46.20 341	P	P	20 44 48.7	
BJ136	Beijing	46.20 341	P	P	20 44 50.8	
BJ137	Beijing	46.20 341	P	P	20 44 52.9	
BJ138	Beijing	46.20 341	P	P	20 44 55.0	
BJ139	Beijing	46.20 341	P	P	20 44 57.1	
BJ140	Beijing	46.20 341	P	P	20 44 59.2	
BJ141	Beijing	46.20 341	P	P	20 45 01.3	
BJ142	Beijing	46.20 341	P	P	20 45 03.4	
BJ143	Beijing	46.20 341	P	P	20 45 05.5	
BJ144	Beijing	46.20 341	P	P	20 45 07.6	
BJ145	Beijing	46.20 341	P	P	20 45 09.7	
BJ146	Beijing	46.20 341	P	P	20 45 11.8	
BJ147	Beijing	46.20 341	P	P	20 45 13.9	
BJ148	Beijing	46.20 341	P	P	20 45 16.0	
BJ149	Beijing	46.20 341	P	P	20 45 18.1	
BJ150	Beijing	46.20 341	P	P	20 45 20.2	
BJ151	Beijing	46.20 341	P	P	20 45 22.3	
BJ152	Beijing	46.20 341	P	P	20 45 24.4	
BJ153	Beijing	46.20 341	P	P	20 45 26.5	
BJ154	Beijing	46.20 341	P	P	20 45 28.6	
BJ155	Beijing	46.20 341	P	P	20 45 30.7	
BJ156	Beijing	46.20 341	P	P	20 45 32.8	
BJ157	Beijing	46.20 341	P	P	20 45 34.9	
BJ158	Beijing	46.20 341	P	P	20 45 37.0	
BJ159	Beijing	46.20 341	P	P	20 45 39.1	
BJ160	Beijing	46.20 341	P	P	20 45 41.2	
BJ161	Beijing	46.20 341	P	P	20 45 43.3	
BJ162	Beijing	46.20 341	P	P	20 45 45.4	
BJ163	Beijing	46.20 341	P	P	20 45 47.5	
BJ164	Beijing	46.20 341	P	P	20 45 49.6	
BJ165	Beijing	46.20 341	P	P	20 45 51.7	
BJ166	Beijing	46.20 341	P	P	20 45 53.8	
BJ167	Beijing	46.20 341	P	P	20 45 55.9	
BJ168	Beijing	46.20 341	P	P	20 45 58.0	
BJ169	Beijing	46.20 341	P	P	20 46 00.1	
BJ170	Beijing	46.20 341	P	P	20 46 02.2	
BJ171	Beijing	46.20 341	P	P	20 46 04.3	
BJ172	Beijing	46.20 341	P	P	20 46 06.4	
BJ173	Beijing	46.20 341	P	P	20 46 08.5	
BJ174	Beijing	46.20 341	P	P	20 46 10.6	
BJ175	Beijing	46.20 341	P	P	20 46 12.7	
BJ176	Beijing	46.20 341	P	P	20 46 14.8	
BJ177	Beijing	46.20 341	P	P	20 46 16.9	
BJ178	Beijing	46.20 341	P	P	20 46 19.0	
BJ179	Beijing	46.20 341	P	P	20 46 21.1	
BJ180	Beijing	46.20 341	P	P	20 46 23.2	
BJ181	Beijing	46.20 341	P	P	20 46 25.3	
BJ182	Beijing	46.20 341	P	P	20 46 27.4	
BJ183	Beijing	46.20 341	P	P	20 46 29.5	
BJ184	Beijing	46.20 341	P	P	20 46 31.6	
BJ185	Beijing	46.20 341	P	P	20 46 33.7	
BJ186	Beijing	46.20 341	P	P	20 46 35.8	
BJ187	Beijing	46.20 341	P	P	20 46 37.9	
BJ188	Beijing	46.20 341	P	P	20 46 40.0	
BJ189	Beijing	46.20 341	P	P	20 46 42.1	
BJ190	Beijing	46.20 341	P	P	20 46 44.2	
BJ191	Beijing	46.20 341	P	P	20 46 46.3	
BJ192	Beijing	46.20 341	P	P	20 46 48.4	
BJ193	Beijing	46.20 341	P	P	20 46 50.5	
BJ194	Beijing	46.20 341	P	P	20 46 52.6	
BJ195	Beijing	46.20 341	P	P	20 46 54.7	
BJ196	Beijing	46.20 341	P	P	20 46 56.8	
BJ197	Beijing	46.20 341	P	P	20 46 58.9	
BJ198	Beijing	46.20 341	P	P	20 47 01.0	
BJ199	Beijing	46.20 341	P	P	20 47 03.1	
BJ200	Beijing	46.20 341	P	P	20 47 05.2	

COLD	Coldfoot	87.74 22	IAMB	IAMB	20 45 50.8	
E23K	Chandalar	88.16 21	IAMB	IAMB	20 45 51.9	
H24K						

19d 20h

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARCES, MORC, MORO, etc.

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

JMA 1920:54:51.0, 1.23:6N:0.7x:12'E:1, h34km, 2km, MVZ 9/15, TAIWAN REGION

Table with columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, etc. Includes stations like TEGC, EGFH, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Lists various stations like Hsinchu, Taichung, etc. with their respective data points.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Lists various stations like Dawu Township, Penghu, etc. with their respective data points.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Lists various stations like Dashti - Bushe, Kazeron-Fars-I, etc. with their respective data points.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WHFO, HAKT, DMTO, GEVA, GURO, ASAF, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MLR, COVR, HUMR, TESR, SORM, ONER, TURR, OZGR, VOIR, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HHC, SPITS, DBIC, DBIC, KLR, SUNC, KRSR, MJAR, C18K, D23K, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CAIB Caibarian, CELP Cerrillos, NNA Nana, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like BDFB Brasilia, BDFB Brasilia, CO03 Cuipega, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like MENT Mentasta, MENT Mentasta, MENT Mentasta, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like GORR, FLN, SAINT MARTIN D, LA DRUITIERE, etc.

NNC 20 07:02:23.1±1.2, 42.59N, 79.58E, h0km, mb2.7, mpv2.6, Error ellipse: s-maj=7.4km s-min=4.7km az=151.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like SHLS, UZB, PDGK, PRZ, KURS, ANVS, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KRBS, MK31, FUNV.

FUNV 20 07:41:29.3, 10.06N, 61.64W, h32km, MW3.6, Presumed earthquake

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like PSNL, PSMG, PSOC, etc.

OMAN 20 07:54:27.8±0.5, 17.66N, 59.51E, h10km, mb3.4/5, ml4.0/4, Error ellipse: s-maj=9.6km s-min=5.4km az=307.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like MHTO, DMTO, JMDO, etc.

UCR 20 08:01:43.0±1.3, 7.9N, 80.55W, h19km, MW4.7, Presumed earthquake

CATAC 20 08:02:21.7±0.8, 7.8N, 8.2W, h15km, 9km, M4.3/15, mb4.4/1, mb4.8/1, MLV4.3/15, Mw(mb)4.0/1, Error ellipse: s-maj=17.1km s-min=3.3km az=10.1, confirmed

UPA 20 08:02:22.0±1.4, 7.35N, 81.75W, h37km, 9km, MW4.0, Presumed earthquake

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like PDCAN, BGUAL, BOTLY, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like TAAN, TURIB, PITB, etc.

RSNC 20 08:06:01.9±0.0, 5°N, 1°7'W, h15km, 2km, M3.8, mB5.5, mb4.2, ML3.2, MLV4.2, Mw(mb)4.9

ICD 20 08:06:07.1±2.2, 5.39N, 78.50W, h48km, 23km, mb3.2/6, mbmp3.7/10, ML2.8/3, MS2.9/4, Error ellipse: s-maj=23.0km s-min=15.7km az=33.0

ISC 20 08:06:01.8±3.3, 5.29N, 0.03°W, 78.40W, 0.04, h14km, 21km, n52, c235/84, mb3.5/5, South of Panama

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like PIZZ, SOLC, PTAC, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
MLPR	Maguayes Islan	0.12	329	Op	ISC	h m s ISC	
MLPR					Pg	08 46 48.2 +0.4	
MLPR					Sg	08 46 50.0 +0.1	
MLPR	16um,0.4s			IAML		08 46 50.7	
MLPR	12um,0.2s			IAML		08 46 51.2	
MLPR	Maguayes Islan	0.12	329	I/P	Pg	08 46 48.3 +0.5	
MLPR	Maguayes Islan	0.12	329	I/P	Pg	08 46 48.4 +0.6	
MLPR	Maguayes Islan	0.12	329	I/P	Pg	08 46 48.2 +0.4	
MLPR				IAML		08 46 51.2	
GBPR	comp=N,6um,0.4s	0.15	40		Pg	08 46 48.4 +0.3	
GBPR	Guanica, Bosqu				Pg	08 46 48.3 +0.3	
GBPR	Guanica, Bosqu	0.15	40	I/P	Pg	08 46 48.4 +0.2	
GBPR	Guanica, Bosqu				eS	08 46 50.1 -0.3	
GBPR	Guanica, Bosqu	0.15	40	I/P	Pg	08 46 48.4 +0.3	
GBPR	Guanica, Bosqu				eS	08 46 50.1 -0.3	
CRPR	Cabo Rojo, PR	0.19	319		Pg	08 46 49.5 +0.6	
CRPR					Sg	08 46 52.0 +0.4	
CRPR				IAML		08 46 52.6	
CRPR	comp=N,13um,0.2s				IAML	08 46 52.9	
CRPR	Cabo Rojo, PR	0.19	319	I/P	Pg	08 46 49.6 +0.7	
CRPR	Cabo Rojo, PR	0.19	319	I/P	Pg	08 46 49.7 +0.8	
CRPR	Cabo Rojo, PR	0.19	319	I/P	Pg	08 46 49.3 +0.4	
CRPR	Cabo Rojo, PR				Sg	08 46 52.2 +0.6	
CRPR				IAML		08 46 53.2	
LSP	Las Mesas	0.33	342		Pg	08 46 51.7 +0.3	
LSP					Pg	08 46 56.1 +0.3	
LSP	Las Mesas	0.33	342	I/P	Pg	08 46 51.7 +0.3	
LSP					Sg	08 46 56.1 +0.3	
LSP	Las Mesas	0.33	342	I/P	Pg	08 46 51.9 +0.4	
LSP					eS	08 46 55.8 -0.1	
PRSN	Puerto Rico Se	0.39	336		Pg	08 46 52.5 0.0	
PRSN					Sg	08 46 57.1 -0.5	
PRSN				IAML		08 47 01.3	
PRSN	comp=N,6um,0.2s	0.39	336	I/P	Pg	08 46 52.7 +0.2	
PRSN	Puerto Rico Se	0.39	336	I/P	Pg	08 46 52.5 0.0	
PRSN	Obispado Ponce	0.40	63		Pg	08 46 52.9 +0.3	
OBIP	Obispado Ponce	0.40	63	I/P	Pg	08 46 58.5 +0.6	
OBIP	Obispado Ponce	0.40	63	I/P	Pg	08 46 53.0 +0.3	
OBIP	Obispado Ponce	0.40	63	I/P	Pg	08 46 58.3 +0.3	
OBIP	Obispado Ponce	0.40	63	I/P	Pg	08 46 58.2 +0.2	
OBIP	Obispado Ponce	0.40	63	I/P	Pg	08 46 52.9 +0.2	
OBIP	Obispado Ponce	0.40	63	I/P	Pg	08 46 58.2 +0.3	
OBIP				IAML		08 46 59.1	
CELP	Cerrillos	0.43	61		Pg	08 46 53.5 +0.2	
CELP					Sg	08 46 59.3 +0.2	
CELP	Cerrillos	0.43	61	I/P	Pg	08 47 00.2	
CELP				IAML			
CELP	comp=N,1um,0.4s	0.43	61	I/P	Pg	08 46 53.6 +0.2	
CELP	Cerrillos	0.43	61	I/P	Pg	08 46 53.7 +0.3	
CELP	Cerrillos	0.43	61	I/P	Pg	08 46 54.6 0.0	
CELP	Cerrillos	0.43	61	I/P	Pg	08 47 00.6 -0.6	
CELP				IAML		08 47 00.8	
AOPR	comp=N,391nm,0.2s	0.53	24		Pg	08 46 54.6 -0.5	
AOPR	Arecibo Observ	0.53	24	I/P	Pg	08 47 01.1 -1.0	
AOPR	Arecibo Observ	0.53	24	I/P	Pg	08 46 54.6 -0.5	
AOPR	Arecibo Observ	0.53	24	I/P	Pg	08 46 54.7 -0.4	
AOPR	Arecibo Observ	0.53	24	I/P	Pg	08 46 54.9 -0.4	
AOPR				IAML		08 47 02.0 -0.1	
AOPR				IAML		08 47 02.3	
AGPR	comp=N,4um,0.3s	0.61	348		Pg	08 46 56.4 -0.4	
AGPR	Aguadilla, PR				Sg	08 47 01.5 -0.4	
AGPR				IAML		08 47 10.7	
AGPR	comp=N,1um,0.7s	0.61	348	I/P	Pg	08 46 56.4 -0.4	
AGPR	Aguadilla, PR	0.61	348	I/P	Pg	08 46 56.5 -0.3	
AGPR	Aguadilla, PR	0.61	348	I/P	Pg	08 46 56.4 -0.4	
AGPR	Aguadilla, PR	0.61	348	I/P	Pg	08 47 05.5 +0.6	
AGPR				IAML		08 47 09.4	
IDE	comp=N,440nm,0.2s	0.70	318		Pg	08 46 58.4 -0.1	
IDE	Isla Desecheo				Sg	08 47 01.7 -0.3	
IDE	Isla Desecheo	0.70	318	I/P	Pg	08 46 58.3 +0.1	
IDE	Isla Desecheo				Sg	08 47 07.4 -0.2	
IDE	Isla Desecheo	0.70	318	I/P	Pg	08 46 58.4 -0.1	
IDE	Isla Desecheo				Sg	08 47 07.4 -0.2	
ECPR	Experimental S	0.74	52		Pg	08 47 08.6 -0.6	
ECPR					Sg	08 47 08.8 -0.5	
ECPR				IAML		08 47 08.8	
ECPR	comp=N,2um,0.3s				IAML	08 47 10.6	
ECPR	comp=N,2um,0.2s	0.74	52	I/P	Pg	08 46 58.5 -0.6	
ECPR	Experimental S	0.74	52	I/P	Pg	08 46 58.6 -0.5	
EMPR	Esperanza - Ma	0.74	35		Pg	08 46 59.1 -0.1	
EMPR					Sg	08 47 09.0 0.0	
EMPR	Esperanza - Ma	0.74	35	I/P	Pg	08 46 59.1 -0.1	
EMPR	Esperanza - Ma	0.74	35	I/P	Pg	08 47 09.0 0.0	
EMPR	Esperanza - Ma	0.74	35	I/P	Pg	08 46 59.1 -0.1	
EMPR	Esperanza - Ma	0.74	35	I/P	Pg	08 47 08.4 -0.6	
SJG	San Juan	0.83	72		Pg	08 47 00.4 -0.4	
SJG					Sg	08 47 13.4	
SJG	comp=N,540nm,0.6s				Pg	08 47 00.5 -0.3	
SJG	San Juan	0.83	72	I/P	Pg	08 47 00.3 -0.5	
SJG	San Juan	0.83	72	I/P	Pg	08 47 10.9 -0.7	
SJG					eS	08 47 01.1 +0.1	
IGPR	InterUniversit	0.83	83		Pg	08 47 01.1 +0.1	
IGPR					Sb	08 47 12.7 -0.1	
IGPR	InterUniversit	0.83	83	I/P	Pg	08 47 01.1 +0.1	
IGPR	InterUniversit	0.83	83	I/P	Pg	08 47 01.1 +0.1	
PDP	Patillas Dam,	0.92	80		Pg	08 47 02.2 -0.4	
PDP					Sg	08 47 14.5 -0.2	
PDP	Patillas Dam,	0.92	80	I/P	Pg	08 47 02.2 -0.4	
HUMP	Col San Antoni	1.11	75		Pg	08 47 05.5 -0.9	
HUMP					Pb	08 47 05.9 -0.8	
HUMP	Col San Antoni	1.11	75	I/P	Pg	08 47 05.1 -1.0	
HUMP	Col San Antoni	1.11	75	I/P	Pg	08 47 05.2 -0.9	
PCDR	Punta Cana, DR	1.48	296		Pn	08 47 10.4 -1.2	
PCDR					IAML	08 47 40.8	
PCDR	comp=N,258nm,0.8s				IAML	08 47 40.8	
PCDR	Punta Cana, DR	1.48	296	I/P	Pb	08 47 12.7 +0.1	
PCDR	Punta Cana, DR	1.48	296	I/P	Pb	08 47 12.2 -0.3	
PCDR					IAML	08 47 40.7	
HIDR	Higüey Centro	1.81	294		Pb	08 47 17.5 -0.5	
HIDR					Pb	08 47 56.0	
BANI	comp=N,93nm,1.4s	3.26	280		Pn	08 47 34.5 -1.6	
BANI	Saba	3.57	93		Pn	08 47 39.9 -0.4	
SMRT	St. Maarten	3.72	87		Pn	08 47 41.7 -0.7	
SMRT					IAML	08 48 52.0	
SC01	comp=N,89nm,0.2s	3.88	294		Pn	08 47 43.8 -0.8	
SC01	Santiago de lo	1.1	1		IAML	08 48 52.5	
SC01	comp=N,63nm,1.1s				IAML	08 48 57.1	
SC01	comp=E,56nm,2.4s				IAML	08 48 57.1	

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
TWC	Su ao	0.53	237		I/S	08 59 55.0 +0.4	
ESAO					Sb	08 59 47.2 -0.2	
ESAO					eS	08 59 56.1 +1.0	
WFSB	Wu-fen Shan	0.54	292		I/P	08 59 47.8 +0.2	
WFSB					Pb	08 59 54.7 -0.7	
EOS3	EOS3	0.58	181		eS	08 59 55.3 +0.2	
EOS3					Sb	08 59 57.1 +1.4	
TNOU	National Taiwan	0.58	299		Pb	08 59 48.0 -0.3	
TNOU					Sb	08 59 56.5 -0.1	
TNOU	Dongshan	0.61	248		Pg	08 59 48.2 +0.3	
TNOU					Sg	08 59 56.3 +0.3	
EWUT	Wuta	0.66	230		eS	08 59 52.5 -0.5	
EWUT					eS	08 59 59.5 +0.8	
FUSB	Fushanzhiwuyua	0.69	261		eS	08 59 50.1 0.0	
FUSB					Sb	08 59 60.0 +0.3	
TWA	Mucha	0.69	280		eP	08 59 50.9 +0.7	
JYNG	Yonagunijimaku	0.69	127		Pb	08 59 48.1 -0.7	
JYNG					Sb	08 59 58.6 -0.1	
YOJ	Yonaguni jima	0.74	123		Pb	08 59 50.0 -0.4	
YOJ					Sg	08 59 59.7 -0.3	
NHHD	Xindian Distri	0.74	278		Pb	08 59 51.1 +0.1	
NHHD					Sb	08 59 01.8 +0.7	
EOS4	EOS4	0.75	181		eS	08 59 51.1 +0.3	
EOS4					Sb	08 59 00.2 +1.2	
YMO1	YMO1	0.75	292		eS	08 59 51.1 -0.1	
YMO1					Sb	08 59 02.4 +1.0	
YMO8	YMO8	0.75	295		eS	08 59 50.8 +0.2	
YMO8					Sb	08 59 01.3 -0.1	
NWLT	Wulai	0.76	263		eS	08 59 51.9 -0.3	
NWLT					Sb	08 59 01.4 -0.4	
EAHA	Aohua	0.76	225		eS	08 59 01.5 -0.3	
TWY	Chenhua	0.78	302		eP	08 59 51.5 -0.2	
TWY					Sb	08 59 02.9 +0.6	
DAT	Datong Townshi	0.79	251		eS	08 59 54.8 -0.2	
DAT					Sb	08 59 02.8 +0.2	
PCYT	Pengchayiu	0.80	343		Pb	08 59 52.0 0.0	
PCYT					Sb	08 59 03.8 +1.0	
DATG	Datong	0.81	246		eP	08 59 52.0 -0.2	
DATG					Sb	08 59 02.7 -0.4	
YHNB	Yeheng	0.89	257		eS	08 59 54.9 -0.2	
YHNB					Sb	08 59 04.8 -0.2	
NS							

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

ATH 20 09:19:24.8:0.7, 33:79N:25:83E, h10km, ML3.9/6, Latitude uncertainty: 4 km; Longitude uncertainty: 4 km

ICD 20 09:19:26.0:7.0, 34:12N:25:68E, h0km, mb4.4/23, mbmp4.4/35, ML3.9/10, MS3.4/15, Error ellipse: s-maj=15.0km s-min=6.2km az=20.0

NEIC 20 09:19:28.2:0.0, 33:58N:0:07:25:70E:0:07, h10km, 1km, mb4.6/102, Error ellipse: s-maj=12.3km s-min=8.4km az=209.0

GFZ 20 09:19:32.5:0.3, 34:1N:3:2:6E:1, h41km, 4km, M4.3/50, mb4.4/50

THE 20 09:19:34.8:34:1N:3:2:6E:1, h7km, 3km, M3.6/8, ML3.6/8, GII 20 09:19:35.6:0.0, 33:65N:0:00:26:306E:0:001, h0km, Mwvs4.1, confirmed

NAO 20 09:19:37.6:34:95N:24:51E, h10km, MB4.1, ISC 20 09:19:29.2:1.1, 33:95N:0:05:25:74E:0:04, h23km, 8km, n356, e164/336, mb4.5/82, MS3.4/11, 2D, Eastern Mediterranean Sea

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like ZKR Zakros, AGNA Agios Nikolaos, NPS Neapolis, etc.

Main station list table with columns: SALP, ARL, ARIL, etc. Lists stations like Ariel Universi, Mount Malkishu, Kefar Nahum, etc.

Main station list table with columns: MOA, BIAO, KIV, etc. Lists stations like Mollin, Bad Ischl, Kislovodsk, etc.

20d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

IDC 20 09:39:23.8, 1.1, 14.19N, 145.30E, h117km, gkm, mb3.3/6, mbtmp3.6/6, MSZ:6/1, Error ellipse: s-maj=51.3km s-min=19.9km az=105.0

NEIC 20 09:39:25.5, 1.7, 14.07N, 0.109:145.3E, 0.2, h125km, gkm, mb4.5/22, Error ellipse: s-maj=23.0km s-min=10.1km az=116.0

ISC 20 09:39:22.5, 0.9, 14.50N, 0.08:144.4E, 0.2, h100km, n33, o1507/31, mb4.5/16, Mariana Islands

Main table for 20d 9h section, listing station codes, names, and various parameters. Includes stations like GUMO, WRA, WRA, WRA, etc.

20d AUG

Main table for 20d AUG section, listing station codes, names, and various parameters. Includes stations like KHEZ, KHEZ, SANVU, SANVU, etc.

1178

Table for 1178 section, listing station codes, names, and various parameters. Includes stations like BNX, BNX, PNTR, PNTR, etc.

NOS 20 09:51:38.7, 4.1, 41.44N, 47.83E, h14km, MPVA3.7, AZER 20 09:51:38.0, 4.1, 41.34N, 47.85E, h13km, ml2.5

DRS 20 09:51:40.0, 4.1, 41.45N, 47.88E, h15km

ISC 20 09:51:39.5, 0.9, 41.14N, 0.02:47.83E, 0.02, h8km, gkm, n36, c116/71, Eastern Caucasus

Main table for 1178 section, listing station codes, names, and various parameters. Includes stations like AKT, AKTY, KSMR, KSMR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BTLR, DBC, QZX, etc.

ASRS 20:09:56:39.0, 1.5, 53.76N, 91.12E, h0km, M2.9(MOS), The earthquake of Russia in 2020, Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, etc.

IDC 20:10:00:29.9, 3.0, 64.72N, 30.92E, h0km, mbmp2.9/4, ML2.3/4, Error ellipse: s-maj=39.3km s-min=11.6km az=98.0

HEL 20:10:00:29.8, 0.2, 64.75N, 30.53E, h0km, ML2.1, Explosion KOLA 20:10:00:31.3, 64.87N, 30.86E, h0km, ML2.1, Error ellipse: s-maj=32.0km s-min=24.4km az=170.0, Karelia.

ISC 20:10:00:28.2, 1.2, 64.79N, 0.03, 30.77E, 0.0c, h0km, n40, c145/55, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RMF, KU1, MSF, etc.

OB4 Vikela, Lumij 2.43 273 eP Pn 10 01 10.9 +1.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RNF, SUF, APAD, etc.

FINES comp=2.0, 2nm, 0.3s, baz=29, slow=15, SNR=6.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VAF, BURU, KEF, etc.

ARCES comp=2.0, 3nm, 0.3s, baz=153, slow=24, SNR=6.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES, KEV, VADS, etc.

OSPL 20:10:09:22.1, 1.5, 19.74N, 69.74W, h5km, 22km, ML2.8, Presumed earthquake

SDD 20:10:09:23.2, 3.1, 19.55N, 69.82W, h10km, 14km, MD2.9, ML2.2, MW2.5, Presumed earthquake

ISC 20:10:09:19.4, 1.3, 19.67N, 0.04, 69.82W, 0.04, h13km, 9km, n22, c1570/35, 13C-4D, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LONA1, NADR, SMDR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SC01, LUDR, ABDR, etc.

BANI comp=N, 200nm, 0.2s

SDDR Presa de Saban 1.55 244 eP Pn 10 09 47.5 -0.4

SDDR comp=N, 42nm, 0.1s

SDDR Presa de Saban 1.55 244 iP Pn 10 09 49.1 0.0

SDDR comp=N, 514nm, 0.3s

SDDR Montecristi 1.75 277 iP Pn 10 09 51.8 -1.1

PCDR Punta Cana, DR 1.78 130 iP Pn 10 09 51.7 -0.3

PCDR Punta Cana, DR 1.78 130 iP Pn 10 09 52.0 +0.1

LODU1 EI Espartillar 2.04 230 iP Pn 10 09 56.8 +0.4

GRTK Grand Turk 2.20 326 eP Pn 10 09 58.8 -0.3

LOBH Bahia de las A 2.49 224 iP Pn 10 10 03.5 -0.6

MASC Masc 4.18 278 eP Pn 10 11 02.5 -1.4

QMBU Qimbuuelo 4.73 277 eP Pn 10 11 28.9 -1.5

IDC 20:10:20:13.5, 9.4, 29.67N, 68.99E, h0km, mb3.4/3, mbmp3.3/4, ML3.4/1, Error ellipse: s-maj=307.7km s-min=31.4km az=87.0, Pakistan

MKAR Makanchi Array 19.99 28 Op P 10 24 47.4 -0.1

WR A Warramunga Arr 79.95 120 P 10 32 24.6 -0.2

ASAR Alice Springs 81.85 123 P 10 32 35.1 +0.2

IDC 20:10:22:29.4, 1.6, 33.97N, 25.73E, h0km, mb3.7/3, mbmp3.5/5, ML3.2/2, MS3.0/3, Error ellipse: s-maj=50.6km s-min=28.1km az=140.0

ISC 20:10:22:32.2, 1.3, 34.11N, 0.2, 25.6E, 0.2, h17km, n9, c0561/6, mb3.5/3, 1C-1D, Crete

BRTR Keskin Array B 8.55 46 LR P 10 28 51.5

AKASC Malin Array Be 16.85 8 Pn 10 26 26.7 -0.4

GERES GERESS Array B 17.24 33 P 10 26 34.0 +0.3

AKTO Aktyubinsk 28.73 45 Pn 10 28 29.1 +0.6

TORD Torodi Arr, Bea 30.09 232 P 10 28 40.8 -0.1

KURBB Kurchatov Arra 41.52 50 P 10 30 17.7 -0.7

MKAR Makanchi Array 44.07 56 P 10 30 39.2 +0.1

SONM Songino Array 59.89 50 LR 10 59 59.0

TIXI Tikisi 62.07 20 LR 11 02 04.3

AEIC 20:10:56:55.7, 1.5, 65.09N, 0.02, 155.83W, 0.06, h13km, 5km, Error ellipse: s-maj=3.9km s-min=2.4km az=61.0

NEIC 20:10:56:55.6, 1.4, 65.08N, 0.02, 155.86W, 0.03, h10km, 1km, ML3.5/192, ML3.3(AEIC), Error ellipse: s-maj=3.3km s-min=2.9km az=355.0, Northern Alaska

GCSA Galena City Sc 0.55 233 P 10 57 06.5 +0.3

H20K Naaghedeneel 0.65 115 P 10 57 08.2 0.0

H18K Honhosa River 1.06 275 IAML 10 57 32.8

J19K Poorman 1.09 174 Pn 10 57 16.3 -0.3

J20K Nowinta River 1.17 140 IAML 10 57 37.7 -0.1

G19K Purcell Mountain 1.19 335 IAML 10 57 16.9 -1.3

G19K Purcell Mountain 1.19 335 IAML 10 57 38.9

G19K Purcell Mountain 1.19 335 IAML 10 57 34.1 -0.3

H21K Meozitina River 1.41 64 Pn 10 57 20.5 -0.8

G18K Tagagawik 1.42 306 IAML 10 57 42.6

G18K Tagagawik 1.42 306 IAML 10 57 40.6 +0.1

G18K Tagagawik 1.42 306 IAML 10 57 51.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like J18K, H17K, H17K, etc.

comp=N, 453nm, 1.0s

K20K Telida 1.90 155 IAML 10 57 28.1 0.0

F19K Shalereck Mo 1.93 337 Pn 10 57 55.0 +0.1

H22K Ishlaltina Cr 2.04 64 Pn 10 57 29.5 -0.5

CAST Castle Rocks 2.34 134 Pn 10 57 34.3 +0.1

F21K Alatna River 2.36 23 IAML 10 58 09.0

I17K Unalakleet 2.41 242 IAML 10 57 35.2 +0.2

E19K Redstone River 2.45 348 Pn 10 57 35.7 +0.1

F17K Baldwin Penns 2.61 304 Pn 10 57 39.1 +1.3

KTH Kantishna Hill 2.64 123 IAML 10 57 38.2 -0.1

PPLA Purkeypile 2.72 142 IAML 10 57 39.8 +0.3

H23K Yukon River 2.74 71 Pn 10 57 38.8 -0.9

J16K Anvik River 2.75 231 Pn 10 57 39.4 -0.3

G16K Koyuk River 2.75 280 Pn 10 57 40.4 +0.6

L18K Granite Mountain 2.89 188 IAML 10 57 41.9 +0.2

BWN Browne 2.90 105 Pn 10 57 43.5 +1.7

TRF Thorofore Mtn 2.93 121 IAML 10 57 41.9 -0.4

TRF Thorofore Mtn 2.93 121 IAML 10 58 28.7

L19K White Mountain 2.94 171 IAML 10 57 42.5 +0.1

NEA2 Nenana 2.94 96 Pn 10 57 42.0 -0.4

M19K Big River Lodg 3.25 168 IAML 10 57 47.0 +0.3

WRH Wood River Hill 3.38 97 Pn 10 57 48.4 -0.1

COLA College 3.41 90 Pn 10 57 47.5 -1.3

H24K Noodor Dome 3.42 74 Pn 10 57 47.4 -1.6

M20K Styx River 3.43 158 Pn 10 57 49.2 0.0

E21K Killik River 3.46 12 IAML 10 58 53.3

CCB Clear Creek Bu 3.47 94 Pn 10 57 48.3 -1.2

RND Reindeer 3.47 272 Pn 10 57 50.0 +0.4

D19K Kuna River 3.55 346 IAML 10 57 51.5 +0.8

CUT Cuttina 3.66 135 Pn 10 57 50.4 -1.8

D20K Etivluk River 3.66 356 IAML 10 57 53.7 +1.4

SKT Skwertina 3.67 146 IAML 10 58 57.6

F15K North Star Dit 3.73 284 IAML 10 58 55.2

L16K Owhat River 3.75 207 IAML 10 58 59.4

M17K Hollina River 3.76 192 Pn 10 57 54.0 +0.4

WAT7 Susitna Watana 3.83 123 Pn 10 57 55.7 +1.0

ILAR Harding Lake 3.88 96 IAML 10 58 56.3

E23K Chandalar 3.90 37 IAML 10 57 56.5 +0.9

D22K Aiyikay Watana 4.02 122 Pn 10 57 56.8 +0.7

ANM Nome 4.10 267 IAML 10 57 58.5 +0.3

SPWE Spurr West 4.10 157 Pn 10 57 57.8 -0.6

J14K Nanvarnak Lak 4.12 239 IAML 10 59 18.8

J14K comp=E, 45nm, 0.5s

20d 11h

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Includes entries like C18K Utukok River, M22K Willow, C19K Lookout Ridge, H25L Birch Creek, N19K Bonanza Creek, G25K Bearman Lake, TOLK Toolik Lake, PRP Porcupine Dome, WAT6 Susitna Watana, D23K Nanushuk River, F14K Arctic Strip, N18K Kilae Creek, J25K Salcha River, GHO Glory Hole Cre, GHO Glory Hole Cre, N17K Nushagak Hills, FYU Fort Yukon, SML Sawmill, NCT North Crescent, N16K Nishilik Lake, F25K Christian Rive, F25K Christian Rive, L14K Kukka Creek, L14K Kukka Creek, RED Redoubt Volcan, RED Redoubt Volcan, D24K Happy Vey, KNK Knik Glacier, B20K Meade River, B20K Meade River, SCM Sheep Creek Mo, K13K Kishivak Moun, E25K Arctic Village, E25K Arctic Village, BMAR Burnt Mountain, M14K Bethel, BM02 Burnt Mountain, C23K Itkiliik River, SCRK Sand Creek, SCRK Sand Creek, ILSW Uliamna South, G26K Porcupine Rive, N15K Kwethluk River, F26K Sheenjek River, F26K Sheenjek River, PWL Port Wells, HARP HAARP, D25K Kavik River, P18K Big Mountain, P17K Kvichak River, H27K Steamboat Moun, C27K Doyon Strip, P16K Nushagak River, O15K Ungalikthiuk R, BC01 Beaver Creek A, L27K Beaver Creek, BCAR Beaver Creek, GLB Gishina Butte, I28M Miner Creek, F28M Old Crow.

BER 20 11:03:27.5±1.2, 65.79N, 127.90E, h0km, ML0.8, Suspected explosion, Northern Norway

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Includes entries like LEIR Leirfjorden, LEIR Leirfjorden, LEIR Leirfjorden, MNTQ Stokkvaagen, MNTQ Stokkvaagen, MNTQ Stokkvaagen, KONS Kongsvaag, KONS Kongsvaag, VAGH Vaagaholmen, VAGH Vaagaholmen, STEI Steigen, STEI Steigen.

DNK 20 11:03:39.1±1.9, 58.66N, 13.49E, h0km±33km, Presumed earthquake, Sweden

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Includes entries like TJOU Tjoern, ONAU Onsala, ONAU Onsala, FABU Falkenberg, FABU Falkenberg, DEL Delary.

2020 AUG

DEL I/S Sn 11 04 45.4 +0.7

IDC 20 11:03:45.7±2.2, 24.04N, 94.51E, h0km, mb3.3/4, mbtmp3.3/4, MS3.1/1, Error ellipse: s-maj=97.1km s-min=25.5km az=68.0

NDI 20 11:03:54.2±2.6, 24.18N, 94.35E, h86km, 22km, ML3.6, MW3.6, Presumed earthquake

GFZ 20 11:03:55.0±3.2, 24.1N, 94.3E, h64km, mb4.0/1, confirmed

ISC 20 11:03:55.3±1.2, 24.24N, 94.07E, h85km, 10km, n15, ±1848/20, mb3.2/4, Myanmar-India border region

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Includes entries like IMP Imphal, SILR SILCHAR, KOHI KOHIMA, AZL Aizawl, SHL Shillong, TEZP TEZPUR, GUWA GUWAHATI, ZIRO ZIRO, TAWA Tawang, MKAR Makanchi Array, SONM Songoing Array, ARTI Arti, WRA Warramunga Arr, ASAR Alice Springs.

NEIC 20 11:08:03.5±1.0, 45.65N, 0.03E, 71.42W, 0.02, h5km, 2km, ML2.2/48, mb_Lg2.5(OTT), Error ellipse: s-maj=5.4km s-min=3.0km az=356.0

OTT 20 11:08:04.5±0.1, 45.67N, 71.45W, h5km, MN2.5/16, 27km northeast from East Angus, Qc Eastern Background Seismic Zone.

ISC 20 11:08:02.1±2.45, 66N, 0.02E, 71.42W, 0.02, h4km, 10km, n50, ±678/80, Southern Quebec

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Includes entries like MOQ Mont Orford, SGRQ St-Georges, G62A West of Eustis, DRMO Drummondville, BECC Becancour, H62A Milan, BCLQ Boischatel, SJUO Ste-Julie, DPO Saint Jean, FLET Fletcher, FLET Fletcher, SLBO St-Lucie-de-Be, LBNH Lisbon, SFA Sept-Chutes, PKME Peaks-Kenny Pk, MNTQ Montreal, Queb, MNTQ Montreal, Queb, MNTQ Montreal, Queb, WVL Waterville, I63A Otisfield, FRNY Flat Rock, I62A Tamworth.

1180

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Includes entries like RIGQ Rigaud, LMQ La Malbaie, LMQ La Malbaie, LMQ La Malbaie, MCVT Middlebury Col, HNH Hanover, A16 Riviere Ouelle, F64A Sherman, F64A Sherman, D62A Allapoint, A61 Sainte Mathild, A61 Sainte Mathild, TRQ Mont Tremblant, TRQ Mont Tremblant, LDAO Lac Daran, LDAO Lac Daran, LDAO Lac Daran, LDAO Lac Daran, A64 Saint Simeon, A64 Saint Simeon, J61A Chester, LONV Lake Ozonia, UNH University of, UNH University of, NCB Newcomb, NCB Newcomb, CACO Cacouna, CACO Cacouna, G65A Princeton, G65A Princeton, GAC Glen Almond, GAC Glen Almond, EMMW East Machias, EMMW East Machias, CFNY Clifton-Fine, CFNY Clifton-Fine, K62A Royalston, K62A Royalston, J57A Williamsburg, BATG Bathurst New B.

IDC 20 11:12:55.7±2.6, 8.97N, 121.48E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=409.3km s-min=21.6km az=63.0

MAN 20 11:12:56.0, 11.09N, 125.68E, h11km, MS3.9

MAN INTENSITY III - GUIJAN MERCEDES & SALSEDO EASTERN SAMAR, INTENSITY II - GENERAL MACARTHUR & GIPORLOS EASTERN SAMAR.

ISC 20 11:15:53.7±1.8, 11.10N, 0.04E, 125.81E, 0.06, h13km, 11km, n20, ±204/33, mb3.6/4, Samar

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Includes entries like BESP Borongan, PLP Palo, SCPH Surigao, LLLP Lapu-Lapu, TBP Tagbilaran, MNP Masbate, MNP Masbate, LSP Lazi, Sliquij, BIFP Bifip, BIFP Bifip, BIFP Bifip, BIFP Bifip, GUIM Jordan, GUIM Jordan, CDOP Cateel, Davao, CDOP Cateel, Davao, DCPH Dipolog City, DCPH Dipolog City, JAP San Jose, Anti, PAGZ Pagadian, PAGZ Pagadian, WQP Guinayangan, WQP Guinayangan, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arr, KURBB Kurchatov Arr.

IDC 20 11:15:21.9±1.6, 65.11N, 26.14E, h0km, mbtmp2.5/2, ML1.6/2, Error ellipse: s-maj=45.5km s-min=10.7km az=89.0

HEL 20 11:15:22.0±1.6, 65.12N, 25.65E, h0km, ML1.3, Suspected explosion

ISC 20 11:15:21.2±0.7, 65.13N, 0.02E, 25.66E, 0.02, h0km, n30, ±083/47, Finland

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Includes entries like OUL Oulu, OUL Oulu, OBF4 Vikkela, Lumij, OBF4 Vikkela, Lumij, OBF4 Misere, OBF4 Misere.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, LLGN La Laguna, FAME Alcadia de Sa, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like K17K, C18K Utukok River, F20K Atvarak Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DVP Devils Point, RTV Rentapao, etc.

IDC 20 12:16:47.0 0.9 61.1S; 103.74E, h0km, mb4.4/19, mbmt4.4/19, MS3.4/19, Error ellipse: s-maj=33.3km, s-min=15.1km az=48.0, GFZ 20 12:16:51.7 0.4 6.5S; 101.4E, h51km, 3km, M4, 1/15, mb4.5/15, Error ellipse: s-maj=11.8km s-min=4.8km az=33.6, confirmed, NEIC 20 12:16:53.0 1.7 6.3S; 0.1x103.71E; 0.10, h35km, 2km, mb4.6/27, Error ellipse: s-maj=23.2km s-min=9.6km az=22.0, DJA 20 12:16:52.0 1.9 6.5S; 101.4E, h20km, 20km, M4, 4/3, M4, 4/6, MLV4.5/8, MLV4.4/3, ISC 20 12:16:51.1 0.6 6.39S; 0.07x103.58E; 0.06, h35km, n131, r193B, 1.12, mb4.6/50, MS3.5/18, Southwest of Sumatara

AZER 20 11:56:05.7 38.56N; 44.68E, h5km, ml2.5, TEH 20 11:56:06.0 38.58N; 44.47E, h10km, 263km, ML2.7, Presumed earthquake, ISC 20 11:56:08.2 1.3 38.66N; 0.04x44.58E; 0.05, h13km, 11km, n13, r1931/20, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NAX Nakhchivan, IMRD Marand, ISHB Shabestar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like C19K Lookout Ridge, L14K Kuka Creek, G21K Allakaket, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KASI Kota Agung, BLSI Bandar Lampung, BLSI Banda Lampung, etc.

NEIC 20 12:06:15.6 65.37N; 163.19W, h8km, AEIC 20 12:06:15.2 2.8 65.31N; 0.03x163.03W; 0.04, h8km, 5km, Error ellipse: s-maj=4.7km s-min=2.3km az=188.0, NEIC 20 12:06:15.6 2.3 65.35N; 0.04x163.07W; 0.05, h6km, 6km, ML3.8/100, Mw3.8/37, ML3.6(AEIC), Error ellipse: s-maj=5.8km s-min=2.9km az=167.0, Moment Tensor Solution: Moment tensor: Scale 10^14Nm; Mrr=1.48; Mss=3.64; Mtt=2.16; Mrr-1.51; Mss-4.01; Mtt-4.02; Fault plane solution: Ms=3.5000x10^14 NP1:phi=74.020000, delta=72.0000, lambda=159.430000, NP2:phi=341.290000, delta=69.600000, lambda=7.770000, Principal axes: T 5.8749, Plg9.0000, Azm206.0000; N -1.2868, Plg68.0000, Azm93.0000; P -4.5881, Plg20.0000, Azm299.0000;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G16K Koyuk River, G16K Niukluk, G15K North Star Dit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHUM Lake Minchumna, H22K Ishaltina Cre, H22K Ishaltina Cre, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UGM Wanagama, GSI Gunungsitoli, GSI Gunungsitoli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G16K Koyuk River, G16K Niukluk, G15K North Star Dit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like A19K Wainwright, M13K Dal Lake, C21K Kniyeflade Rid, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TPTI, KAPI Kappang, TOL2 Tolitoli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H16K Elim, G17K Kiwalik Mountain, ANM Nome, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M11K Mekoryuk, M11K Big River Lodg, M19K Big River Lodg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H16K Elim, G17K Kiwalik Mountain, ANM Nome, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like E22K Anaktuvuk Pass, N16K Nishik Lake, N15K Kwethluk River, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like F17K Arctic Creek, H17K Granite Mounta, H17K Granite Mounta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like N14K Kuskokwag Cree, N17K Nushagak Hills, KTH Kantishna Hill, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like E17K Hotham Inlet, G18K Tagawik, G18K Tagawik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like N15K Kuskokwag Cree, N17K Nushagak Hills, KTH Kantishna Hill, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H18K Honhosa River, H18K Honhosa River, H18K Honhosa River, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDM Murphy Dome, MCK McKinley, H24K Noodor Dome, 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 J14K Nanvaranok Lak, F19K Shalercukik Mo, RDOG Red Dog Mine, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDM Murphy Dome, MCK McKinley, H24K Noodor Dome, 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 K15K Wolf Creek Mou, K15K Wolf Creek Mou, E19K Redstone River, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPUP Villa Florida, PLCA Paso Flores, ASAR Alice Springs, 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.

IDC 20 12:08:13.3 3.6 2.46N; 75.05W, h0km, mb4.0/2, mbmt4.0/2, Error ellipse: s-maj=156.7km s-min=50.7km az=51.0, Colombia

0.3nm,0.3s,baz=132,slow=6.0,SNR=1.9
KURBB Kurchatov Arra 48.74 326 P P 14 09 21.6 +1.8

DJA 20 15:44:58.4±0.5, 10°5'±12°4'E±1, h10km, M3,1/5, ML2.8/4,
MLV3.0/4, MLV3.1/5
IDC 20 15:45:06.6±6.6, 6.1°04'S±124°09'E, h164km, 79km, mb3.4/4,
mbtmp3.7/7, Error ellipse: s-maj=81.6km s-min=34.9km

ISC 20 15:44:55.1±0.8, 10°39'S±0°07'124°5E:0.1, h35km, n16,
±252±20, mb3.8/4, Trisor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SOEI, MMRI, EDPI, etc.

GCMT 20 15:41:48.0±0.4, 35°30'S±0°05:14.79W±0°05, h21km±1km,
MW4.9/75, 2C, Moment Tensor Solution. s20,c20;
s75,c85; Duration: 0 Moment tensor: Scale 10^16Nm;
Mrr=2.52±.21; Mθθ=1.20±.17; Mφφ=1.31±.13; Mrr-0.40±.30;
Mθθ-0.12±.11; Mφθ=2.05±.23; Best double couple:
M=2.85100×10^16 NPT=200.00000°, 822.00000°,
λ=84.00000° NPZ=14.00000°, 369.00000°, λ=92.00000°,
Principal axes: T: 2.2690, Plg24.0000°, Azm: 106.00000°,
N: 1.1540, Plg2.0000°, Azm: 15.0000°, P: -3.4330,
Plg66.0000°, Azm: 280.0000°; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Surface-wave location Triangular
moment-rate function Tristan da Cunha region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VNA2, VNA3.

ISK 20 15:04:51.2, 35°67'N±27°80'E, h10km, ML3.0/14
THE 20 15:04:52.5, 36°N±4°2'8"E, h6km, KM, 8/2, MLh2.8/6
ATH 20 15:04:52.0, 35°67'N±27°59'E, h12km±2km, ML2.9/7,
Latitude uncertainty: 3 km; Longitude uncertainty: 2 km
AFAD 20 15:04:52.4, 35°66'N±27°48'E, h8km, 3km, ML2.9
GII 20 15:04:55.9±0.0, 35°03'N±0°00:42.81E±0.001,
h0km, Mws3.2, confirmed

ISC 20 15:04:51.3±1.0, 35°56'N±0°03:27.65E±0°03, h20km±4km,
n63, ±1508/99, Dodecanese Islands

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KARP, ARG, ZKR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KAS, MUGLA, DIDIM, etc.

ISC 20 15:21:03.6±0.5, 42°89'N±78°95'E, h0km, mb4.3, mpv4.0,
Error ellipse: s-maj=4.1km s-min=1.9km az=165.0
SOME 20 15:21:04.1, 42°88'N±78°88'E, h15km
KRNET 20 15:21:06.1±0.1, 42°74'N±78°85'E, h22km, mb3.5
ISC 20 15:21:02.7±1.1, 42°81'N±0°03:78.96E±0.02, h7km±9km,
n72, ±1548/123, 30C-18D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like UZB, SATY, SHLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KNDC, KNOS, ARXS, etc.

IDC 20 15:28:52.7±5.6, 14°16'S±167°15'E, h209km±61km, mb3.5/6,
mbtmp4.0/7, Error ellipse: s-maj=54.3km s-min=24.5km
az=149.0

20d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Alice Springs, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, ILAR Eielson Array, MKAR Makani Array, ARCES ARCES Array B.

ISC 20 15:28:51.8, 1.1, 14:11N, 0:10:167.1E, 0.2, h200km, n8, 0.5819, mb3.7/6, Vanuatu Islands

ISC 20 15:49:40.9, 1.2, 55:65S, 0:12:25.6W, 0.3, h10km, n7, 0194/8, mb4.0/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNAAs Snaae, MAW Mawson, VYND Vanda, TORD Torodi Ar. Bea, SONM Songoing Array, ILAR Eielson Array.

ISC 20 15:50:49.8, 0.8, 18:32N, 145:23E, h0km, mb3.8/14, mbmp3.9/17, ML3.3/3, MS3.1/17, Error ellipse: s-maj=30.7km s-min=13.5km az=82.0

NEIC 20 15:50:51.4, 2.2, 18:17N, 0:09:145.2E, 0.2, h10km, 1km, mb3.9/15, Error ellipse: s-maj=28.8km s-min=15.9km az=86.0

ISC 20 15:50:52.8, 0.7, 18:21N, 0:08:145.2E, 0.2, h23km, n52, 1894/37, mb4.0/18, MS3.1/14, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DPSS Saipan, GUMO Guam, JMW Kunigami, JMN Monobe, MJAR Matsushiro Arr, MJAR Matsushiro, MJB9 Matsu-Tunnel, JNU Nakatani Arr, JNU PAVAs, JNU COEG, H1S13 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, H1S12 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, H1N12 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, DAV Davao City (W), KRVT Keravat (AS076), KRSR Korea Array, USRK Honiara, KLR Kuldir, PETK Petropavlovsk, HILR Hallar Array, CTA Charters Tower, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Cross, ASAR Alice Springs, ASAR Alice Springs, SONM Songoing Array, CMAR Chiang Mai Arr, TXIX Tikisi, ZAAO Zalesovo Array, ZAAO Zalesovo Array.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV MK31, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, KURBB Kurchatov Arr, CAST Castle Rocks, D20K Etilvik River, NRIK Noril'sk, D22K Borovoye Array, ILAR Eielson Array, BVAR Borovoye Array, AKTO Aktyubinsk, NVAR Mina Array Bea, NVAR Khabaz, FINES FINESS Array B, STGB El Palmer, RTAL Retalhuleu, RTAL Retalhuleu, FG8 Yepocapa, CHM Chaltenango, PCGS San Vicente Pa, SOKI Kika Raquxin, SOKI SOKI, FAME Alcaldia de Sa, NUBE Las Nubes, NUBE NUBE, APG El Apazote, HUEH Huehuetenango, CEVE Cerro Verde, SBLN San Blas, SNE San Jose, SNE San Jose, SNE San Jose, UNIC Universidad Ca, UNIC Universidad Ca, JAYA Jaya, CEDA San Andres, PMON Piamonte, PMON Piamonte, PICP El Picacho, MTO3 Montecristo, MTO3 MTO3, UUES Universidad Ev, UUES UUES, LOMA Loma Larga, LOMA Loma Larga, ESQI Esquipulas, ESQI Esquipulas, ESQI Esquipulas, PAVA Las Pavas, PAVA Las Pavas, COEG Centro de Oper, COEG Centro de Oper, TECO Alcaldia de Te, TECO Alcaldia de Te, PSNO Presa 5 de nov, PSNO Presa 5 de nov, PACA Pacayal, PACA Pacayal, CNCH Conchagua, CNCH Conchagua, TXAR Lajitas Array, PDAR Pinedale Array, NVAR Mina Array Bea, SCHO Schefferville, ILAR Eielson Array, CMAR Chiang Mai Arr.

ISC 20 16:04:21.9, 2.1, 52:88N, 168:25W, h0km, mb3.6/9, mbmp3.6/11, ML3.2/2, Error ellipse: s-maj=33.6km s-min=16.6km az=165.0

AEIC 20 16:04:26.9, 2.4, 52:70N, 0:05:168:12W, 0.06, h26km, 5km, Error ellipse: s-maj=8.1km s-min=4.9km az=161.0

NEIC 20 16:04:27.5, 1.7, 52:74N, 0:06:168:12W, 0.05, h46km, 7km, mb3.5/3, ML3.6/16, ML3.3(AEIC), Error ellipse: s-maj=9.0km s-min=1.8km az=154.0

ISC 20 16:04:27.4, 1.3, 52:39N, 0:10:168.09W, 0.06, h47km, 11km, n117, 01913/22, mb3.7/9, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OKSP Okmok Steeple, OKTU Okmok Mt. Tuli, OKFG Magazine Ridge, OKCE Okmok Cone E, OKCE Okmok Cone E, OKNC Okmok New Cone, OKNC Okmok New Cone, CLOCO Concord Point, CLOCO Concord Point, MAPS Pakushin South, MAPS Pakushin South, MGOD Makushin Gods, MGOD Makushin Gods, MNAT Makushin Natee, MNAT Makushin Natee, UNV Unalaska Valle, UNV Unalaska Valle, UNV Unalaska Valle.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKBBA Akutan Broad B, AKBBA Akutan Broad B, LVA Lava Point, AKV Akutan Volcano, AKLV Akutan Long Va, AKHG Akutan Green G, AKHB Akutan Harbor, AKUT Akutan, AKUT Akutan, AKSA Akutan Strait, KOSE Korovin South, KOPF Korovin Flat P, ATKA Atka Island, KOWE Korovin West, SPIA Saint Paul Isl, GSIG Iglikin Island, GSTR Great Sitkin T, GSTD Great Sitkin T, SDPT Sand Point, ADAG Great Adagadak, ADK Adak, ADK Adak, CNBA Chernabura Is, KIWB Kanaga Island, TAFI Tanaga Flats, VNFQ Fog Glacier, GANE Ganel Northe, CHGN Chignik, GAKI Gareloi-Kaivali, O14K Tigiyukavag, AMKA Amchitka, O15K Ungalikthuk R, O15K Kuskoowak Cree, M13K Dall Lake, M15K Kwethluk River, M14K Bethel, O16K Kokwok River B, K17K Owhat River, K13K Kusilvak Mount, OHAK Old Harbor, M16K Timber Creek, N17K Nushagak Hills, O18K Kottuk Hills, K18K Kuskokwam Cree, KDAA Kodiak Island, KDAA Kodiak Island, KDAA Kodiak Island, K15K Wolf Creek Mou, N19K Bonanza Creek, K17K Kuskokwam Cree, N16K Anvik River, L18K Granite Mounta, J17K VABM Dome, M19K Big River Lodg, K19K Granite Mounta, H17K Unalakleet, MLY Manley, BMR Bremner River, HARP HAARP, H22K Ishitalina Cre, I23K Minto, Yukon-C, I23K Minto, Yukon-C, GLB Gilahina Butt, GLB Gilahina Butt, VRDI Verde Repeater, VRDI Verde Repeater, CCB Clear Creek Bu, H23K Yukon River, H23K Yukon River, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, YAH Yaitse, RIDG Independent Ri, RIDG Independent Ri, G23K Bananza Creek, G23K Bananza Creek, J25K Salcha River, J25K Salcha River, SCRR Sand Creek, D20K Etilvik River, L27K Beaver Creek, ANAKUT Anakutuk Pass, E22K Coal Creek Min, M29M Somme Creek, HYT Haines Junction, HYT Haines Junction, I27K Kandik River, I27K Kandik River, BMAR Burnt Mountain, N30M Aishikkik Lake, N30M Aishikkik Lake, I28M Miner Creek, I28M Miner Creek, O30N Mendenhall, O30N Mendenhall, H29M Whiteside, H29M Mount Deming, I30M Mount Deming, G29M Pine Creek, PETK Petropavlovsk, EPYK Eagle Plains, H31M Peel River, H31M Peel River, NEW Newport, H1N12 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, H1N12 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, H1S13 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, H1S12 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, H1N12 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, H1S13 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, H1S12 WAKE ISLAND Hy, PDAR Pinedale Array, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Lajitas Array.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TXAR, OZNA, BORO, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SII, P16K, K17K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like C18K, E21K, E22K, etc.

IDC 20 16:35:03.0 0.4, 54:27N, 162:96W, h0km, mb4.7/33, mBaz=7.37, MLs=34, MS4.069, Error ellipse: s-maj=12.6km s-min=9.2km az=151.0

BUJ 20 16:35:06.5 54:30N, 162:80W, h44km, mB5.0/11, mb4.8/52, MS4.5/25, MS7.4/325

MOS 20 16:35:08.5 1.0, 54:35N, 162:93W, h46km, mB5.2/95, MS4.2/6, Error ellipse: s-maj=6.9km s-min=4.6km az=100.8

NEIC 20 16:35:09.5 54:20N, 162:77W, h42km, AEIC 20 16:35:09.2 2.9, 54:14N, 0:05:162:73W, 0:05:162:73W, 0:05:162:73W, 0:05:162:73W, 0:05:162:73W, 0:05:162:73W

GFZ 20 16:35:09.6 0.1, 54:35N, 162:93W, h40km, mB5.1/97, mB5.1/97, MW4.9/7

NEIC 20 16:35:10.5 1.8, 54:22N, 0:05:162:78W, 0:05:162:78W, 0:05:162:78W, 0:05:162:78W, 0:05:162:78W, 0:05:162:78W

Moment Tensor Solution. Moment tensor: Scale 10^16Nm; M2:3.0; M3:-2.39; M4:0.09; M5:-0.17; M6:1.03; M7:0.64; Fault plane solution: Ms2.650000*10^16 NP1: 0:126.760000, 0:48.290000, 1:114.080000, NP2: 0:272.880000, 0:47.030000, 1:65.410000

Principal axes: T 2.5134, Plg72.00000, Azm108.00000; N 0.2462, Plg18.00000, Azm290.00000; P -2.7596, Plg1.00000, Azm200.00000

GCMT 20 16:35:14.0 0.2, 54:28N, 0:02:162:81W, 0:02:162:81W, 0:02:162:81W, 0:02:162:81W, 0:02:162:81W, 0:02:162:81W

MW5.0/103, Moment Tensor Solution: s65, c81; s103, c159; Duration: 0 Moment tensor: Scale 10^16Nm; M2:5.2; M3:1.1; M4:-3.20; M5:0.9; M6:0.67; M7:0.9; M8:-1.34; M9:0.7; M10:1.59; M11:0.6; M12:-0.91; M13:0.6; Best double couple: Ms3.673000*10^16 NP1:0:138.00000, 0:45.00000, 1:135.00000, NP2:0:263.00000, 0:46.00000, 1:55.00000

Principal axes: T 3.4270, Plg59.00000, Azm122.00000; N 0.4870, Plg30.00000, Azm282.00000; P -3.9190, Plg9.00000, Azm17.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

Triangular moment-rate function. ISC 20 16:35:09.4 0.4, 54:28N, 0:04:162:86W, 0:04:162:86W, 0:04:162:86W, 0:04:162:86W, 0:04:162:86W, 0:04:162:86W

h25km; p-P, n1330, c19431362, mB5.1/462, MS4.1/81, 345-66, Alaska Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like DT1, DTN, DOL, HAG, PS4A, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KDAK, Q19K, O19K, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like H27K, B20K, N31M, etc.

20d 16h

GNW	Green Mountain	25.84	88	P	P	16 40 39.6 +3.4
E03A	Lebam	25.93	91	P	I	16 40 37.8 +0.7
E03A				I	I	16 40 41.6
YKAW3	Yellowknife Wh	26.01	52	P	I	16 40 38.9 +1.2
YKAW3				I	I	16 40 43.8
YKA	Yellowknife Ar	26.02	52	P	P	16 40 38.3 +0.6
YKA	Yellowknife Ar	26.02	52	P	P	16 40 38.3 +0.6
YKA				P	P	16 40 40.4 +0.4
YKA				L	L	16 52 11.7
YKA	Yellowknife Ar	26.02	52	P	P	16 40 38.5 +0.7
YKAW1	Yellowknife Wh	26.07	52	P	I	16 40 40.1 +1.8
YKAW1				I	I	16 40 44.5
D05A	Enumclaw	26.52	89	P	I	16 40 45.8 +3.3
D05A				I	I	16 40 50.4
I02E	Swisshome, OR	27.12	96	P	I	16 40 51.4 +3.5
I02E				I	I	16 40 51.8
LTY	Liberty	27.25	87	P	P	16 40 51.1 +1.9
B08A	Colville Reser	27.49	84	P	P	16 40 53.2 +2.0
BUCK	Buck Mountain	27.57	95	P	P	16 40 55.8 +2.2
U03D	Drain	27.65	96	P	P	16 40 58.2 +2.5
HOOD	Mount Hood Mea	27.71	92	P	P	16 40 55.9 +2.5
H04A	Detroit Lake	27.76	93	P	I	16 40 56.1 +2.5
H04A				I	I	16 40 56.9
EPH	Ephrata	27.84	86	P	P	16 40 56.2 +1.8
G05A	Wamic	27.95	92	P	I	16 40 58.1 +2.7
G05A				I	I	16 41 22.4
I04A	Tendick Farm,	28.14	95	P	I	16 40 59.7 +2.6
I04A				I	I	16 41 00.6
WAH2	Wahluke Slope	28.16	88	P	P	16 40 59.8 +2.6
WIFE	Three Sisters-	28.34	94	P	P	16 41 01.7 +2.7
HAWA	Hanford	28.37	88	P	P	16 41 01.3 +2.3
C05A	Chrisman Ranch	28.38	96	P	P	16 41 01.0 +1.9
D08A	Wollman Farm,	28.38	96	P	P	16 41 01.1 +1.9
L02F	Cave Junction	28.49	99	P	I	16 41 03.2 +3.1
L02F				I	I	16 41 04.1
BBOR	Butler Butte	28.53	87	P	P	16 41 03.9 +3.2
E08A	Dider Farm, EI	28.60	88	P	I	16 41 03.2 +3.0
E08A				I	I	16 41 04.1
J04A	Umpqua Nationa	28.65	96	P	I	16 41 04.9 +3.1
J04A				I	I	16 41 05.6
EDM	Edmonton	28.82	72	P	P	16 41 04.0 +1.0
EDM				P	P	16 41 04.0 +1.0
EDM				I	I	16 41 05.4
NEW	Newport	28.82	83	LR	LR	16 50 43.3
NEW	Newport	28.82	83	LR	LR	16 50 43.3
NEW	Newport	28.82	83	P	P	16 41 04.9 +1.8
NEW				P	P	16 41 04.8 +1.8
NEW	Newport	28.82	83	P	P	16 41 05.0 +1.9
NEW				P	P	16 41 07.8 +2.8
PINE	Pine Mountain	29.01	94	P	P	16 41 08.3 +3.2
JCC	Jacoby Creek,	29.06	102	P	I	16 41 09.2
JCC				I	I	16 41 09.2
E09A	Wood Farm, Sta	29.12	87	P	P	16 41 08.1 +2.4
J05D	Fort Rock, OR	29.14	95	P	I	16 41 09.3 +3.0
J05D				I	I	16 41 10.0
L04D	Klamath Falls	29.16	98	P	I	16 41 09.1 +2.8
L04D				I	I	16 41 10.7
KHMM	Horse Mountain	29.19	101	P	I	16 41 09.7 +3.1
KHMM				I	I	16 41 10.8
YBH	Yreka Blue Hor	29.23	99	LR	LR	16 50 28.3
YBH	Yreka Blue Hor	29.23	99	LR	LR	16 50 28.3
YBH	Yreka Blue Hor	29.23	99	P	P	16 41 09.6 +2.7
YBH	Yreka Blue Hor	29.23	99	P	P	16 41 09.6 +2.7
K04D	Chiloquin, OR	29.23	96	P	I	16 41 10.5 +3.6
K04D				I	I	16 41 10.7
KMPM	Mount Pierce	29.27	102	P	I	16 41 10.6 +3.5
KMPM				I	I	16 41 11.4
G08A	Pilot Rock	29.31	90	P	P	16 41 09.4 +1.8
M02C	Callahan	29.36	99	P	I	16 41 11.1 +3.1
M02C				I	I	16 41 12.5
LNOR	Linton Mounta	29.39	88	P	P	16 41 10.4 +2.3
KHBM	Hayfork Bally	29.63	101	P	I	16 41 13.5 +3.1
KHBM				I	I	16 41 14.4
KMRM	Mail Ridge	29.63	102	P	I	16 41 13.7 +3.3
KMRM				I	I	16 41 14.9
K05A	Summer Lake	29.67	95	P	I	16 41 14.2 +3.3
K05A				I	I	16 41 15.0
I07A	Ize	29.68	92	P	P	16 41 12.8 +2.0
M03C	McClood	29.86	99	P	P	16 41 13.2 +2.0
F10A	Beach Ranch, E	29.95	87	P	P	16 41 15.1 +1.9
KCPM	Canto Peak	30.06	103	P	I	16 41 17.3 +3.0
KCPM				I	I	16 41 18.1
O02D	Mt. Diablo Mer	30.19	101	P	I	16 41 18.4 +3.0
O02D				I	I	16 41 19.5
BMO	Blue Mountains	30.52	89	P	P	16 41 20.2 +1.9
BMO				P	P	16 41 20.1 +1.9
BMO	Modoc Plateau	30.52	96	P	I	16 41 20.8 +2.5
BMO				I	I	16 41 22.1
HATC	Hat Creek Radi	30.54	99	P	P	16 41 21.1 +2.7
O03E	Paynes Creek	30.68	100	P	I	16 41 22.2 +2.3
O03E				I	I	16 41 23.5
J08A	Circle Bar Ran	30.71	92	P	P	16 41 22.3 +2.4
JTMT	Jette	30.73	82	P	P	16 41 22.1 +2.0
HOPS	Hopland Field	30.82	103	P	I	16 41 23.6 +2.8
HOPS				I	I	16 41 24.5
GDXM	Geysers	31.11	103	P	I	16 41 26.7 +3.3
GDXM				I	I	16 41 27.6
PLID	Pearl Lake	31.16	88	P	P	16 41 25.3 +1.3
WVOR	Wild Horse Val	31.17	94	P	I	16 41 26.2 +2.2
WVOR				I	I	16 41 27.4
WVOR	Wild Horse Val	31.17	94	P	I	16 41 25.1 +1.1
WVOR				P	P	16 41 27.4 +2.0
ORV	Oroville	31.35	101	P	P	16 41 27.4 +2.0
ORV				P	P	16 41 28.3
ORV	Oroville	31.35	101	P	I	16 41 27.4 +2.0
ORV				I	I	16 41 28.3
SUTB	Sutter Butte	31.40	102	P	I	16 41 27.9 +2.0
SUTB				I	I	16 41 28.6
M50	Missoula	31.41	83	P	P	16 41 27.4 +1.4
CVS	Carmen Viney	31.82	104	P	P	16 41 27.8 +0.4
BEKR	Beckworth	31.80	99	P	I	16 41 31.9 +2.2
BEKR				I	I	16 41 32.9
AFDM	Forest Hills D	32.06	101	P	I	16 41 34.2 +2.5
AFDM				I	I	16 41 35.0
MFID	Camas Ranch	32.23	90	P	P	16 41 34.4 +1.1

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LYMT	Lyon Mountain	32.30	82	P	P	16 41 35.2 +1.2
JRSC	Jasper Ridge	32.39	105	P	P	16 41 33.9 +0.7
PAHR	Pah Rah	32.47	99	P	P	16 41 37.7 +2.3
BUT	Butte	32.65	84	P	P	16 41 36.5 +0.6
BUT				I	I	16 41 37.9
PNTR	Pine Nut	32.75	100	P	P	16 41 41.1 +3.1
MHC	Mount Hamilton	32.78	104	P	P	16 41 40.3 +2.1
MHC				P	P	16 41 40.3 +2.1
MHC				I	I	16 41 41.5
RES	Resolute Bay	32.93	27	LR	LR	16 56 37.8
HLID	Hayley	32.97	89	P	P	16 41 41.6 +1.8
HLID	Hayley	32.97	89	P	P	16 41 40.3 +0.5
DLMT	Dillon	32.99	85	P	P	16 41 41.5 +1.5
KIP	Kippapa	33.01	172	eP	P	16 41 40.4 +0.3
CMB	Columbia Colle	33.02	102	P	P	16 41 42.9 +2.8
CMB				P	P	16 41 42.9 +2.8
CMB	Columbia Colle	33.02	102	P	I	16 41 42.7
CMB				I	I	16 41 43.7
BCYI	Bear Canyon	33.12	87	P	P	16 41 42.8 +1.6
BCYI				I	I	16 41 43.8
MCMT	McKenzie Canyon	33.15	86	P	P	16 41 43.0 +1.5
TIXI	Tiksi	33.17	327	LR	LR	16 56 45.8
EGMT	Eagleton	33.21	79	P	P	16 41 42.6 +0.8
EGMT				I	I	16 41 43.8
WAKR	Walker	33.24	100	P	P	16 41 44.2 +1.9
BMN	Battle Mountai	33.26	96	P	P	16 41 44.7 +2.4
BMN				P	P	16 41 44.7 +2.4
BMN	Battle Mountai	33.26	96	P	I	16 41 44.5
BMN				I	I	16 41 45.4
BOZ	Bozeman (W)	33.43	84	P	P	16 41 45.1 +1.3
BOZ				P	P	16 41 45.1 +1.3
BOZ	Bozeman (W)	33.43	84	P	P	16 41 45.1 +1.3
KVN	Kaisererville	33.65	98	P	P	16 41 47.9 +2.1
KVN				P	P	16 41 47.9 +2.1
KVN	Kaisererville	33.65	98	P	I	16 41 49.2
KVN				I	I	16 41 49.2
NVAR	Mina Array Bea	33.95	99	P	P	16 41 49.5 +1.1
NVAR				P	P	16 41 49.5 +1.1
NVAR				P	P	16 44 26.6 +0.8
NVAR				LR	LR	16 53 44.5
NVAR				P	P	16 41 48.6 +0.1
NVAR				P	P	16 41 51.2 +3.0
NVAR				P	P	16 41 47.9 0.0
NVAR				I	I	16 41 51.2
NVAR				I	I	16 41 51.4 +2.3
NVAR				I	I	16 41 52.5
MDP	Devils Postpil	34.04	101	P	P	16 41 52.2 +2.8
PMPB	Monarch Peak	34.05	105	P	P	16 41 48.8 +0.3
PMPB				I	I	16 41 58.2
YHL	Yehgen Lake	34.11	84	P	P	16 41 51.5 +1.6
ELK	Elko	34.21	93	LR	LR	16 53 34.2
ELK				P	P	16 41 52.5 +1.7
ELK	Elko	34.21	93	P	P	16 41 52.5 +1.7
ELK				P	P	16 41 52.5 +1.7
ELK	Elko	34.21	93	P	I	16 41 53.7
ELK				I	I	16 41 53.7
Q09A	Carvers	34.33	98	P	P	16 41 54.8 +3.1
YHH	Holmes Hill	34.34	84	P	P	16 41 52.3 +0.4
PKD	Beaver Valley Ra	34.39	105	I	I	16 41 54.7 +2.7
PKD				I	I	16 41 55.4
GCMT	Greycliff	34.46	82	P	P	16 41 54.7 +2.0
YNR	Norris Junctio	34.48	84	P	I	16 41 55.4 +2.4
YNR						

20d 16h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ANGG Ammassalik, GR ANGG, TRQ Mont Tremblant, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like W52A Murphy, ARCES Alces Array B, H62A Milan, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like XAN Xi'an, NACB Ninganchiao, GTA2 Gaotai, etc.

20d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ONER Baraj Valea Uz, ACOM Acornia, Italy, OBKA Obir, etc.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDG Podgorica, PDG Podgorica, PCBR Castelo Branco, etc.

1192

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, STKA Stephens Creek, PLCA Paso Fino, etc.

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OTAV, ATD, SJG, KEST, etc.

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

IDC 20 17:07:59.2,0.9,34.705x15.00W,h0km,mb4.0/7, mbmp4.0/7,MS4.1/31, Error ellipse: s-maj=41.3km

NEIC 20 17:08:00.7,2.1,34.805x0.06:14.9W:0.1,h10km,1km, mb4.6/15, Error ellipse: s-maj=18.9km s-min=6.9km

GCMT 20 17:08:07.8,0.2,35.195x0.03:15.16W:0.01,h12km, MW4.9/17, Moment Tensor Solution, s31,c37,

s117,c179, Duration:0 Moment tensor: Scale 10^16Nm; M1=2.0x10^17; M2=2.0x10^17; M3=2.90x10^16; Mw0.05x.40;

Mw=0.44x.07; Mw=0.88x.27; Best double couple: M2=0.96x10^16 Np1.7x171.000000; s36.000000;

1-92.000000; NP2=0.354.000000; s54.000000;

1-88.000000; Principal axes: T 3.0920, Plg9.00000;

Azm82.00000; N -0.2570, Plg1.00000; Azm173.00000; P -2.8340, Plg81.00000; Azm272.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20 17:08:00.5,0.6,34.75x0.1:14.9W:0.1,h10km,n71, s1945/30,mb4.3/12,MS4.1/32,CS,Tristan da Cunha region

SJA 20 17:08:22.8,0.7,23.885x69.34W,h109km,14km,ML3.4, MW3.6

GUC 20 17:08:23.5,0.8,23.885x69.24W,h78km,4km,ML3.5

ISC 20 17:08:23.1,1.6,23.935x-0.03:69.25W:0.06,h95km,20km, n22, s1959/32,1C-1D, Northern Chile region

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

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Code Station Name Azimuth Phase ID Time Res ISC

IDC 20 17:18:45.1,0.6,32.82N:39.71W,h0km,mb4.1/25, mbmp4.1/25,MS4.0/37, Error ellipse: s-maj=18.2km

NEIC 20 17:18:47.1,1.7,32.9N:0.1:39.7W:0.1,h10km,1km, mb4.7/17, Error ellipse: s-maj=19.3km s-min=16.7km

GCMT 20 17:18:49.1,0.3,33.07N:0.03:39.53W:0.02,h15km,1km, MW4.8/93, Moment Tensor Solution, s15,c15; s93,c117;

Duration:0 Moment tensor: Scale 10^19Nm; M1=1.63x10^17; M2=0.36x10^17; M3=1.26x10^17; Mw0.65x.20; Mw1.20x.06;

Mw=1.22x.17; Best double couple: M2=3.3300x10^16 Np1=242.000000; s43.000000; 1-43.000000; NP2=

q=6.000000; s62.000000; 1-124.000000; Principal axes: T 2.2120, Plg11.00000; Azm120.00000; N 0.2490,

Plg30.00000; Azm24.00000; P -2.4550, Plg58.00000;

Azm227.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20 17:18:46.2,0.4,32.83N:0.09:39.71W:0.07,h8km,n194, s0971/17,mb4.6/94,MS4.0/39, Northern Mid-Atlantic Ridge

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

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Code Station Name Azimuth Phase ID Time Res ISC

Code Station Name Azimuth Phase ID Time Res ISC

20d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2, NMR, JRA, JNK, AKK, etc.

AEIC 20 19:12:22.0±1.6, 52°4N, 0.2±174.2W, 0.1, h175km, 3km, Error ellipse: s-maj=24.0km s-min=3.9km az=156.0

NEIC 20 19:12:21.9±1.1, 52°22N, 0.2±174.0W, 0.08, h184km, 4km, ML3.4/12, ML3.2/(AEIC), Error ellipse: s-maj=24.2km s-min=2.0km az=163.0, Andreano Islands

Main table of station data for the 20d 19h period, listing station names, coordinates, and observation times.

NNC 20 19:45:48.4±0.9, 42°66'N, 80°21'E, h0km, mb2.9, mpv3.1, Error ellipse: s-maj=5.8km s-min=4.2km az=151.0

Table of station data for the NNC 20 event, including station names like SHLS, KTMS, and PDGK.

2020 AUG

Main table of station data for the 2020 AUG period, listing station names, coordinates, and observation times.

IDC 20 19:47:18.3±1.3, 1°8'S, 100°54'E, h0km, mb3.9/10, mbmp3.9/10, Error ellipse: s-maj=68.5km s-min=17.3km az=57.0

Table of station data for the IDC 20 event, including station names like PDSI, KRJI, and PDGK.

1196

Main table of station data for the 1196 event, listing station names, coordinates, and observation times.

MOS 20 19:51:35.9±1.0, 42°57'N, 145°52'E, h22km, mb5.1/41, Error ellipse: s-maj=6.9km s-min=4.3km az=116.5

Table of station data for the MOS 20 event, including station names like JKHN, AKK, and NEM2.

20d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, MAW Mawson, MT01 Popeta, etc.

2020 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

RSNC 20:22:07.22.4.0,0.7N:2.73W, h146km, M2.0, ML1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pamplona, PUERTO BERRIO, etc.

AFAD 20:22:38:55.8, 39°12'N-29°01'E, h11km, 2km, ML3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMAA Simav-Kutahya, SHAP Saphane-Kutahya, DEMI Demirci, etc.

1202

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BKES Balkesir-Mer, KIRA KIRA, AFYO Afyonkarahisar, etc.

IDC 20 21:58:56.2, 2.2, 5.79S, 130.20E, h0km, mb3.5/1, mbtm3.4/4, ML3.6/3, Error ellipse: s-maj=63.5km s-min=24.8km az=79.0

IDC 20 23:40:04.3, 4.5, 1.41S, 13.13W, h0km, mb3.6/4, mbtm3.7/5, ML3.6/1, MS3.2/19, Error ellipse: s-maj=167.3km s-min=35.0km az=148.0, North of Ascension Island

21d 0h

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

GIJ 21 00:18:14.9.0.0,35:313N.0:003:27.859E.0:001,h0km, Mw5.3, confirmed
ISK 21 00:18:14.8,34.79N.27.29E,h18km,ML2.3/11
ATH 21 00:18:18.7,35.02N.27.18E,h18km,ML2.5/3,

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARP Karpathos, ZKR Zakros, Siteia, Arkhangelos, etc.

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

2020 AUG

Main station list table for 2020 AUG with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DPSS Saipan, GUMO Guam, GUMO 23nm,0.3s, etc.

1204

Main station list table for 1204 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLR Kul'dur, KLR Kul'dur, GRNR Gornyy, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like L15K Ungalak Mounta, L16K Ohwat River, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like AKASG Malin Array Be, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like SONM Songoing Array, SONM Songoing Array, etc.

21d 1h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, etc.

IDC 21 01:13:11.3.0.9, 17:08N, 147:02E, h0km, mb3.9/17, mbmp3.9/17, MS3.2/6, Error ellipse: s-maj=30.7km s-min=15.9km az=90.0

NEIC 21 01:13:17.2.1.0, 17:07N, 147:11E, 0.1, h35km, 2km, mb4.3/13, Error ellipse: s-maj=24.7km s-min=13.4km az=115.0

ISC 21 01:13:18.1.0.7, 17:04N, 147:07E, 0.1, h48km, n44, 0589/38, mb4.2/21, MS3.1/6, Mariana Islands region

Main table for 21d 1h section, listing various seismic stations and their data points.

IDC 21 01:13:54.4.1.6, 14:0N, 127:03E, h0km, mb3.7/4, mbmp3.6/5, ML3.2/1, Error ellipse: s-maj=117.5km s-min=19.9km az=69.0

DJA 21 01:13:59.4.0.3, 17:3N, 127:06E, h10km, M4.0/17, mB5.1/2, mB5.1/2, mb4.1/7, mb4.1/7, MLv3.8/3.9/17, Mw(mB)4.5/2

ISC 21 01:14:01.4.1.1, 05N, 07:126.23E, 0.06, h35km, n14, 0153/14, mb3.7/4, Northern Molucca Sea

2020 AUG

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like KRAI Karang Ratu, APASI Ampana, AAI Ambon, etc.

IDC 21 01:24:12.0.0.6, 19:18S, 173:31W, h0km, mb4.2/10, mbmp4.2/14, ML4.2/4, MS2.9/2, Error ellipse: s-maj=19.3km s-min=11.5km az=123.0

NEIC 21 01:24:12.9.2.1, 19:18S, 173:31W, 0.1, h10km, 1km, mb4.4/13, Error ellipse: s-maj=25.0km s-min=16.6km az=337.0

ISC 21 01:24:15.8.0.5, 19:30S, 173:33W, 0.10, h28km, n66, 0129/60, mb4.2/13, Tonga Islands

Main table for 2020 AUG section, listing various seismic stations and their data points.

1208

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like RETA Reutte, KBA Koelnbreinsper, MOTA Mosonmagyaróvár, etc.

IDC 21 01:29:54.4.4.2, 28:73S, 67:36W, h202km, 37km, mb3.4/2, mbmp3.8/4, Error ellipse: s-maj=44.6km s-min=29.1km az=116.0, La Rioja Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CPUB Villa Florida, LPAZ La Paz, QSPA South Pole Qui, etc.

OSPL 21 01:31:32.0.1.4, 20:22N, 70:75W, h15km, 8km, ML2.3, Presumed earthquake

SDD 21 01:31:32.4.2.2, 20:19N, 70:68W, h15km, 24km, MD3.2, ML2.5, MW3.1, Presumed earthquake

ISC 21 01:31:28.3.1.6, 20:24N, 07:70E, h10km, 19km, n10, 0588/12, 88-12D, Dominican Republic region

Main table for 1208 section, listing various seismic stations and their data points.

GFZ 21 01:39:14.2.0.5, 24:5S, 111:1W, 1.1, h10km, M4.5/17, M4.5/17, Error ellipse: s-maj=25.3km s-min=8.7km az=70.6, confirmed

IDC 21 01:39:19.0.7.2, 22:66S, 112:57W, h0km, mb4.1/9, mbmp4.1/9, MS3.7/23, Error ellipse: s-maj=34.2km s-min=20.7km az=74.0

NEIC 21 01:39:22.0.0.2, 82:74S, 07:08E, h12:5W, 0.2, h10km, 1km, mb4.9/14, Error ellipse: s-maj=27.2km s-min=8.5km az=114.0

ISC 21 01:39:20.3.0.5, 22:7S, 01:112.6W, 0.2, h10km, n154, 01507/82, mb4.7/79, MS3.9/23, 1D, Easter Island region

Main table for 1208 section, listing various seismic stations and their data points.

21d 4h

Table with columns for station name, frequency, power, and signal strength. Includes stations like GENI, GUIM, SBJJ, CTA, CTAA, etc.

2020 AUG

Table with columns for station name, frequency, power, and signal strength. Includes stations like KULM, CTA, CTAA, etc.

1212

Table with columns for station name, frequency, power, and signal strength. Includes stations like HKC, MCO, SSLB, etc.

Table with columns: ARMA, Armidale, 35.38 135, Iamb, Iamb, 04 17 42.4, etc. Lists various locations and their associated data points.

Table with columns: GLAD, Gladstone, 40.52 151, P, P, 04 16 39.2 +1.1, etc. Lists various locations and their associated data points.

Table with columns: INCN, Incheon, 44.07 4, P, P, 04 17 06.1 +0.3, etc. Lists various locations and their associated data points.

21d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like M20K Medeo, KNDK Almaty, AAA Alma-Ata, etc.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK comp=N,1um,2.7s, YAK comp=E,448nm,2.0s, etc.

1216

Table with columns for station name, frequency, power, and other technical details. Includes stations like FAQ AI Faqa, Dubai, FAQ AI Faqa, Dubai, SMY Shemya, etc.

Table with columns: RAYN, comp, pmax, pmax, and numerical values. Includes entries like Ar Rayn, Kipapa, Arti, and various other stations.

Table with columns: ELIB, PMOR, PMOR, PMOR, and numerical values. Includes entries like Pomariorio Ree, K13K, KIROV, and various other stations.

Table with columns: VORD, VORD, VORD, and numerical values. Includes entries like Beino, Storzhevoye, Ghor Haditha, and various other stations.

SAHR	Sahastru	99.53 315	P	Pdf	04 22 28.0	-0.4
TESR	Tescani	99.56 316	P	Pdf	04 22 27.6	-0.8
TESR	Tescani	99.56 316	P	Pdf	04 22 27.6	-0.8
TESR	Tescani	99.56 316	P	Pdf	04 22 27.6	-0.6
PLOR	Plostina	99.56 315	P	Pdf	04 22 27.7	-0.8
PLOR	Plostina	99.56 315	P	PKKPDF	04 38 50.4	-1.8
ARBE	Arbavere	99.53 329	P	Pdf	04 22 27.7	-0.5
JMB	Yambol	99.64 312	P	pP	04 24 47.5	+0.3
GIRR	Girov	99.66 316	P	Pdf	04 22 28.2	-0.6
RAZG	Razgrad	99.66 313	P	PKKPDF	04 38 49.5	-2.4
KMP	K-Padolskiy	99.67 316	P	Pdf	04 22 27.2	-1.5
ONER	Baraj Valea Uz	99.73 316	P	PKKPDF	04 38 49.1	-2.8
EZN	Ezine	99.78 309	P	pP	04 24 50.5	+2.8
EZN	Ezine	99.78 309	P	Pdf	04 22 27.9	-1.6
NEHR	Nehoiu	99.81 315	P	Pdf	04 22 29.5	-0.1
NEHR	Nehoiu	99.81 315	P	PKKPDF	04 38 46.5	-5.2
PRK	Paraskevi	99.81 309	P	pP	04 24 47.3	-0.7
PRAR	RASCA	99.84 317	P	PKKPDF	04 38 49.7	-2.0
SULR	Sulra	99.84 314	P	Pdf	04 22 28.9	-0.8
SULR	Sulra	99.84 314	P	Pdf	04 22 31.2	+1.5
COVR	Voineasa-Covas	99.87 315	P	Pdf	04 22 29.0	-0.9
ENEZ	Enez	99.92 310	P	pP	04 24 47.1	-1.4
TKT1	Kautokeino	99.92 339	eP	Pdf	04 22 27.9	-1.7
TKT1	Kautokeino	99.92 339	eP	Pdf	04 22 34.5	
TKT1	Kautokeino	99.92 339	eP	Pdf	04 24 45.4	-2.6
TKT1	Kautokeino	99.92 339	eP	Pdf	04 26 45.9	+0.9
TKT1	Kautokeino	99.92 339	eP	Pdf	04 32 06.1	-0.6
TKT1	Kautokeino	99.92 339	eP	Pdf	04 34 41.7	-1.4
TKT1	Kautokeino	99.92 339	eP	Pdf	04 22 30.7	-0.2
TKT1	Kautokeino	99.92 339	eP	Pdf	04 20 16.6	-5.0
BIZ	Bicaz	99.93 316	P	Pdf	04 22 29.8	-0.2
RNPP9	Sopachiv	99.97 321	P	Pdf	04 22 29.1	-1.0
CHOS	Chios island	99.97 308	P	pP	04 24 48.3	-0.5
ALN	Alexandroupoli	100.00 310	P	Pdf	04 24 48.7	-0.2
ALN	Alexandroupoli	100.00 310	P	Pdf	04 22 30.7	-0.2
SPA0	Spitsbergen Ar	100.03 348	eP	Pdf	04 22 28.5	-1.4
SPA0	Spitsbergen Ar	100.03 348	eP	Pdf	04 22 32.0	
SPA0	Spitsbergen Ar	100.03 348	eP	Pdf	04 24 51.4	+3.1
SPA0	Spitsbergen Ar	100.03 348	eP	Pdf	04 26 47.8	+1.8
SPA0	Spitsbergen Ar	100.03 348	eP	Pdf	04 32 08.4	+1.5
SPA0	Spitsbergen Ar	100.03 348	eP	Pdf	04 34 47.5	+3.6
SPITS	Spitsbergen Ar	100.03 348	eP	Pdf	04 22 28.7	-1.2
SPITS	Spitsbergen Ar	100.03 348	eP	Pdf	04 24 50.0	+1.7
SPITS	Spitsbergen Ar	100.03 348	eP	Pdf	04 26 45.7	+0.3
SPITS	Spitsbergen Ar	100.03 348	eP	Pdf	04 38 46.0	-2.7
SZH	Strazhitsa	100.05 313	P	pP	04 24 48.9	-0.2
SZH	Strazhitsa	100.05 313	P	Pdf	04 22 32.1	+1.5
MLR	Muntele Rosu	100.06 315	P	Pdf	04 22 30.5	-0.4
MLR	Muntele Rosu	100.06 315	P	PKKPDF	04 38 48.7	-2.7
MLR	Muntele Rosu	100.06 315	P	Pdf	04 22 29.6	-1.2
MLR	Muntele Rosu	100.06 315	P	Pdf	04 22 30.1	-0.7
GADA	Gjvgeoda	100.11 310	P	pP	04 24 48.1	-1.1
BJO1	Bjorknaya	100.31 345	eP	Pdf	04 22 33.5	+2.4
BJO1	Bjorknaya	100.31 345	eP	Pdf	04 22 33.6	
BJO1	Bjorknaya	100.31 345	eP	Pdf	04 24 48.8	-0.6
BJO1	Bjorknaya	100.31 345	eP	Pdf	04 32 10.4	+2.2
BJO1	Bjorknaya	100.31 345	eP	Pdf	04 34 50.7	+3.8
RDO	Rodhopi	100.38 311	P	Pdf	04 24 43.2	-1.0
SMTH	Samothraki Isl	100.39 310	P	pP	04 24 49.4	-1.1
THERA	Ancient Thera	100.41 306	P	Pdf	04 24 49.2	-1.1
THERA	Ancient Thera	100.41 306	P	Pdf	04 22 34.7	+2.3
DOPR	Dopca	100.44 315	P	Pdf	04 22 31.8	-0.5
DOPR	Dopca	100.44 315	P	PKKPDF	04 38 43.9	-6.7
BURAR	Bucovina Array	100.52 317	P	PKKPDF	04 38 47.0	-3.6
KDZ	Kurdzhali	100.53 311	P	Pdf	04 22 33.3	+0.4
COPA	Copaceana	100.59 314	P	PKKPDF	04 38 43.7	-6.5
PVL	Pavlikeni	100.64 313	P	Pdf	04 22 36.0	+2.7
KBS	Kingsbay	100.64 349	eP	Pdf	04 22 32.4	-0.2
KBS	Kingsbay	100.64 349	eP	Pdf	04 22 37.7	
KBS	Kingsbay	100.64 349	eP	Pdf	04 24 47.9	-2.9
KBS	Kingsbay	100.64 349	eP	Pdf	04 26 52.8	+2.2
KBS	Kingsbay	100.64 349	eP	Pdf	04 34 52.2	+1.9
KBS	Kingsbay	100.64 349	eP	Pdf	04 38 48.7	
KBS	Kingsbay	100.64 349	eP	Pdf	04 40 34.0	+3.0
KBS	Kingsbay	100.64 349	eP	Pdf	04 22 31.5	-1.0
KBS	Kingsbay	100.64 349	eP	Pdf	04 22 32.0	-0.5
LIA	Limnos Island	100.66 309	P	pP	04 24 51.5	-0.2
VOIR	Voiron	100.69 315	P	PKKPDF	04 38 46.0	-4.2
VOIR	Voiron	100.69 315	P	Pdf	04 22 32.4	-1.2
VOIR	Voiron	100.69 315	P	Pdf	04 22 35.6	+2.0
IACM	Heraklion	100.72 305	P	pP	04 24 52.1	+0.4
HMSE	Matsula	100.75 328	P	Pdf	04 22 33.2	-0.2
HUMLE	Humele	100.76 314	P	Pdf	04 22 33.9	-1.0
JETT	Jettan, Norway	100.83 340	eP	Pdf	04 22 32.3	-1.3
JETT	Jettan, Norway	100.83 340	eP	Pdf	04 22 38.8	
JETT	Jettan, Norway	100.83 340	eP	Pdf	04 24 53.5	
JETT	Jettan, Norway	100.83 340	eP	Pdf	04 26 52.0	-0.1
JETT	Jettan, Norway	100.83 340	eP	Pdf	04 32 09.8	-1.2
JETT	Jettan, Norway	100.83 340	eP	Pdf	04 40 29.0	-5.0
JETT	Jettan, Norway	100.83 340	eP	Pdf	04 22 34.1	0.0
RZN	Rozhen	100.98 311	P	Pdf	04 22 35.5	+0.4
ARR	Arges	100.98 315	P	Pdf	04 22 34.1	-0.7
ARR	Arges	100.98 315	P	PKKPDF	04 38 43.8	-5.8
ARR	Arges	100.98 315	P	Pdf	04 22 34.0	-0.9
INK	Inuvik	101.00 22	P	Pdf	04 22 33.8	-0.5
PLVB	Pleven	101.04 313	P	Pdf	04 22 34.6	-0.4
PLVB	Pleven	101.04 313	P	PKKPDF	04 38 44.8	-4.6
ARCR	ARCALIA	101.12 317	P	Pdf	04 22 35.3	0.0
MDB	Medias	101.14 316	P	PKKPDF	04 38 45.3	-4.0
VLAD	Vladia	101.18 313	P	PKKPDF	04 38 45.3	-3.9
TNR	Turnu Rosu	101.23 315	P	PKKPDF	04 38 43.1	-6.0
TRO	Tromso	101.33 340	eP	Pdf	04 22 33.9	-1.8
TRO	Tromso	101.33 340	eP	Pdf	04 22 39.9	
TRO	Tromso	101.33 340	eP	Pdf	04 26 57.5	+1.8
TRO	Tromso	101.33 340	eP	Pdf	04 32 11.8	-1.4
TRO	Tromso	101.33 340	eP	Pdf	04 34 50.5	+2.0
SKAG	Skagway	101.43 31	P	Pdf	04 22 37.0	+0.6
SUW	Suwalki	101.48 324	eP	Pdf	04 22 35.8	-0.9
SUW	Suwalki	101.48 324	eP	Pdf	04 26 57.8	+0.5
SUW	Suwalki	101.48 324	eP	Pdf	04 32 24.2	+2.9
SUW	Suwalki	101.48 324	eP	Pdf	04 34 57.4	-2.7
OUR	Ouranopolis	101.57 310	P	pP	04 24 54.3	-1.7
LOT	Lotru	101.59 315	P	Pdf	04 22 37.1	-0.5
LOT	Lotru	101.59 315	P	PKKPDF	04 38 42.9	-5.6
LOT	Lotru	101.59 315	P	Pdf	04 22 37.1	-0.5
IMMV	Iera Moni Meta	101.62 305	P	Pdf	04 22 38.1	+0.3
NVR	Neurokopi	101.64 311	P	pP	04 24 55.2	-1.2
SLIT	Slitere, Latvi	101.65 327	P	Pdf	04 22 35.7	-1.7
CJR	Ciuj-Napoca	101.65 316	P	Pdf	04 22 36.6	-1.2
CJR	Ciuj-Napoca	101.65 316	P	PKKPDF	04 38 43.8	-4.6
BMR	Baia Mare	101.68 317	P	Pdf	04 22 38.1	+0.3
BMR	Baia Mare	101.68 317	P	Pdf	04 22 38.3	+0.5
MPEP	Malo Peshtene	101.68 313	P	Pdf	04 22 38.2	+0.3
SIT	Sitka	101.69 33	P	Pdf	04 22 38.8	+1.2

MMB	Musomishta	101.72 311	P	pP	04 24 55.4	-1.2
MMB	Musomishta	101.72 311	P	Pdf	04 22 38.5	+0.3
PAIG	Paliosuri	101.81 309	P	Pdf	04 22 39.2	+0.6
SRS	Serral	101.85 310	P	Pdf	04 22 38.4	-0.3
VALD	Valchedram	101.89 313	P	Pdf	04 22 39.3	+0.5
PLG	Polgyros	101.98 310	P	pP	04 24 56.4	-1.5
MARR	Marisel-Ciuj	101.99 316	P	Pdf	04 22 39.2	-0.1
MARR	Marisel-Ciuj	101.99 316	P	PKKPDF	04 38 43.1	-4.7
BLSH	Blsh	102.31 310	P	Pdf	04 22 39.1	-0.5
SOH	Sokhos	102.04 310	P	Pdf	04 22 39.4	-0.3
KWS	Juneau Island	102.06 32	P	Pdf	04 22 40.4	+1.2
JIP	Kalwaria Pacla	102.09 319	eP	Pdf	04 22 40.5	+0.9
KWP	KWP	102.09 319	eP	Pdf	04 27 07.1	+5.2
KWP	KWP	102.09 319	eP	Pdf	04 32 18.9	+1.2
KWP	KWP	102.09 319	eP	Pdf	04 35 06.7	-0.1
KWP	KWP	102.09 319	eP	Pdf	04 22 39.1	-0.5
DEV	Deva	102.17 315	P	Pdf	04 22 42.2	+2.1
KKB	Krupnik	102.18 311	P	Pdf	04 22 36.3	-3.9
PUNG	Punghina	102.23 314	P	PKKPDF	04 38 43.3	-3.9
DRGT	Drgr	102.24 310	P	Pdf	04 22 38.0	-2.6
DRGR	Drgr	102.26 316	P	PKKPDF	04 38 42.3	-5.1
DRGR	Drgr	102.26 316	P	Pdf	04 22 42.3	+1.7
GZR	Gura Zlata	102.29 315	P	Pdf	04 22 40.6	0.0
GZR	Gura Zlata	102.29 315	P	PKKPDF	04 38 42.4	-4.8
TRPA	Trpa	102.30 318	P	Pdf	04 22 40.2	-0.3
THE	Thessaloniki	102.34 310	P	Pdf	04 22 40.8	-0.1
KTHA	Kythira Island	102.36 306	P	Pdf	04 22 42.1	+1.0
KNT	Kendrikon	102.38 311	P	pP	04 24 59.2	
KNT	Kendrikon	102.38 311	P	Pdf	04 22 43.4	+2.3
LTK	Loutraki	102.41 307	P	pP	04 24 57.4	
WIN	Windhoek	102.41 45	P	Pdf	04 22 44.4	+2.5
KOLS	Kolonické sedl	102.48 319	eP	Pdf	04 22 42.1	+1.0
KOLS	Kolonické sedl	102.48 319	eP	Pdf	04 25 06.6	
KOLS	Kolonické sedl	102.48 319	eP	Pdf	04 38 42.4	
KOLS	Kolonické sedl	102.48 319	eP	Pdf	04 22 42.1	+1.0
HERR	Herzane	102.57 314	P	PKKPDF	04 38 41.6	-5.0
VAY	Valandovo	102.62 311	P	Pdf	04 22 42.1	0.0
TSUM	Tsumeb	102.68 249	P	Pdf	04 22 44.2	+1.1
LIT	Lithokoron	102.72 309	P	Pdf	04 22 42.4	-0.3
GRG	Griwa	102.76 310	P	Pdf	04 22 43.0	+0.1
R9F13	Warsaw-Wawer	102.86 322	eP	Pdf	04 22 41.3	-1.6
R9F13	Warsaw-Wawer	102.86 322	eP	Pdf	04 27 02.5	+3.5
R9F13	Warsaw-Wawer	102.86 322	eP	Pdf	04 32 24.2	+3.1
R9F13	Warsaw-Wawer	102.86 322	eP	Pdf	04 35 17.7	+3.2
R9F13	Warsaw-Wawer	102.86 322	eP	Pdf	04 41 04.3	+2.0
R9F13	Warsaw-Wawer	102.86 322	eP	Pdf	04 22 41.6	-1.7
R9F13	Warsaw-Wawer	102.86 322	eP	Pdf	04 22 48.2	
STEI	Stei	103.02 338	eP	Pdf	04 25 01.1	
STEI	Stei	103.02 338	eP	Pdf	04 27 09.2	+1.1
STEI	Stei	103.02 338	eP	Pdf	04 32 20.6	-0.6
STEI	Stei	103.02 338	eP	Pdf	04 35 13.9	-1.5
STEI	Stei	103.02 338	eP	Pdf	04 36 37.6	+1.3
STHS	Stebnicka Huta	103.05 319	eP	Pdf	04 27 02.2	+2.7

21d 4h

Table with columns for station name, frequency, and signal strength. Includes stations like BELLA BELLA, NORSTAR, and various regional stations.

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Table with columns for station name, frequency, and signal strength. Includes stations like OBKA, LJU, and various regional stations.

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Table with columns for station name, frequency, and signal strength. Includes stations like BSEGE, LESA, and various regional stations.

Table with columns: Name, Comp, B, S, P, PKP, PKPdf, and Value. Includes entries like RETA, YKA, FETA, UBR, DAVA, etc.

Table with columns: Name, Comp, B, S, P, PKP, PKPdf, and Value. Includes entries like ABMS, ILTH, IDGL, etc.

Table with columns: Name, Comp, B, S, P, PKP, PKPdf, and Value. Includes entries like ANMO, PVAQ, MCE, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NHSC New Hope, ITAB Concordia, and various local stations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LPAZ La Paz, LPAZ La Paz, and various regional stations.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BBSI Bau Baw, MMRI Maumere, and various international stations.

Presumed earthquake
SSNC 21 05:28:05.1.1.1, 19.79N:75.55W, h20km±11km, MD3.0,
ML3.0, MW3.1, Presumed earthquake

ISC 21 05:28:03.4.1.1, 19.82N:0.03:75.59W, h31km±12km,
n22, e145/41, 3C-4D, Cuba region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MARVS Santiago de Cu, GTBY Guantanamo Bay, PINC Pinares de May, etc.

ASRS 21 05:40:34.0.0.8, 54.32N:86.10E, h0km, M2.8(MOS),
The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 21 05:40:36.9.4.0, 54.32N:86.16E, h0km, mbtmp3.12k,
ML3.0/2, Error ellipse: s-maj=33.7km s-min=13.1km,
az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo Infra, ZALV Zalesovo Beam, etc.

CATAC 21 05:49:36.8.0.9, 13°N, 4°9'0W, h, h16km, 5km, M2.5/8,
ML2.5/8, Error ellipse: s-maj=11.8km s-min=8.9km,
az=97.4, confirmed

SNET 21 05:49:37.4.1.3, 13.25N:90.19W, h4km, ML2.7,
Presumed earthquake

GCG 21 05:49:37.9.0.7, 13.29N:90.30W, h37km±67km, MD3.7,
Presumed earthquake

ISC 21 05:49:34.5.3.5, 13.33N:0.1:90.30W:0.1, h9km±12km, n19,
e0549/24, Near coast of Guatemala

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like FAME Alcadia de Yar, NUBE Las Nubes, etc.

SJA 21 05:56:43.4.0.6, 19.63S:69.54W, h108km±2km, ML4.2,
MW4.0

GUC 21 05:56:44.7.0.6, 19.61S:69.46W, h104km±2km, ML4.2

NEIC 21 05:56:44.7.1.0, 19.63S:0.05:69.61W:0.0, h100km±7km,
mb4.0/8, ML4.2(GUC), Error ellipse: s-maj=12.2km,
s-min=6.9km az=88.0

ISC 21 05:56:46.6.2.6, 19.62S:69.10W, h122km±22km, mb3.7/6,

mbtmp4.2/8, MS4.3/1, Error ellipse: s-maj=32.5km
s-min=19.5km az=107.0

VAO 21 05:56:53.2.1.7, 19.07S:68.78W, h143km, mb4.4,

Presumed earthquake

ISC 21 05:56:43.5.0.6, 19.65S:0.03:69.47W:0.05, h109km±5km,
n99, e166/114, mb4.0/5, 8C-3D, Northern Chile

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PB11 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MT08 Bocatoma Ro, MT03 Universidad Ad, etc.

ISC 21 06:06:21.1.1.7, 30.04S:177.16W, h0km, mb3.9/2,
mbtmp4.1/3, ML3.4/1, MS4.4/1, Error ellipse: s-maj=41.4km
s-min=29.6km az=107.0

ISC 21 06:06:27.0.1.7, 29.86S:0.08:177.4W:0.2, h35km, n11,
e085/9, Kermadec Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, etc.

ISC 21 06:08:02.8.1.5, 35.93N:21.61E, h0km, mb3.6/6,
mbtmp3.6/8, ML3.1/2, MS3.9/1, Error ellipse: s-maj=36.0km
s-min=24.6km az=146

ATH 21 06:08:13.1.36:24N:21.98E, h14km±2km, ML3.6/10,
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 21 06:08:14.4.36:13N:2.2E, h17km±6km, M3.4/13,
ML3.4/13

ISC 21 06:13:34.1.1.3, 36.24N:0.06:21.98E:0.06, h46km±11km,
n39, e161/59, mb3.6/5, Southern Greece

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MTHA Methoni, PYL PYLOS, etc.

21d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOSA Boshof, BOSA Boshof, BOSA Boshof, MURB Monte Urbino, etc.

IDC 21 07:47:50.2;1.6;10.07Sx123.94E, h0km, mb3.7/1, mtbmp3.4/4, ML3.2/3, Error ellipse: s-maj=71.4km

DJA 21 07:47:55.0;0.8;10.0S;6x12.4E, h30km, 9km, M3, 1/6, MLV3, 1/6

ISC 21 07:47:52.7;0.9;10.38S;0.09x124.5E;0.1, h35km, n8, c250/12, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOEI Soe, SOEI Soe, SOEI Soe, MMRI Maumere, etc.

MDD 21 07:53:15.0;1.0;35.00N;5.43W, h19km, 8km, mb_Lg2.5/6, Error ellipse: s-maj=5.3km, s-min=4.4km, az=107.0

INMG 21 07:53:15.9;1.5;35.05N;5.40W, h28km, 12km, ML2.0, Error ellipse: s-maj=5.2km, s-min=3.2km, az=72.0

CNRM 21 07:53:16.6;35.03N;5.44W, h32km, ML2.4

ISC 21 07:53:15.0;0.9;35.07N;0.03x5.43W;0.04, h30km, n30, c117/50, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHEFC Chefchaouen, SMIR Smir Dam, SMIR Smir Dam, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOE Arraiolos, PARRA Arraiolos, PARRA Arraiolos, etc.

IDC 21 07:59:51.4;3.3;54.82N;83.43E, h0km, mtbmp2.5/2, ML2.1/2, Error ellipse: s-maj=31.2km, s-min=16.5km

IDC 21 08:01:35.5;0.7;11.92N;124.22E, h0km, mb3.9/11, mtbmp3.9/11, MS3.8/5, Error ellipse: s-maj=41.2km

ISC 21 08:01:35.6;1.3;11.89N;0.03x124.07E;0.04, h2km, gkm, n39, c175/43, mb3.9/11, MS3.9/4, Leyte

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLP Palo, BESE Borongan, LLSP Lipu-Lapu, etc.

CMAR Chiang Mai Arr 25.10 288 P P 08 07 02.4 +0.4

KSR5 Kora Array 25.69 7 P P 08 07 06.4 -0.7

WRA Warramunga Arr 33.21 162 P P 08 08 13.8 -0.3

ASAR Alice Springs 36.62 165 P P 08 08 44.3 +0.7

ASAR Alice Springs 36.62 165 P P 08 08 44.3 +0.7

HNR Honiara 41.48 119 LR LR 08 23 26.4

H1S1 WAKE ISLAND Hy 41.59 76 T T 08 53 01.8

H1S2 WAKE ISLAND Hy 41.59 76 T T 08 53 00.4

H1N1 WAKE ISLAND Hy 41.84 74 T T 08 52 55.4

H1N2 WAKE ISLAND Hy 41.85 74 T T 08 52 57.2

H1N3 WAKE ISLAND Hy 41.86 74 T T 08 52 56.8

STKA Stephens Creek 46.64 159 P P 08 10 06.2 +0.6

MKAR Makanchi Array 49.44 323 P P 08 10 28.8 +1.6

KURBB Kurchatov Arra 53.52 326 P P 08 10 58.9 +1.3

BVAR Borovoye Array 59.12 325 P P 08 11 38.1 +0.5

NRK Norfolk 61.93 346 LR LR 08 41 03.7

AKTO Aktyubinsk 65.71 320 LR LR 08 41 44.3

ILAR Eielson Array 78.93 26 P P 08 13 40.2 -0.3

ARCES ARCES Array B 81.93 339 P P 08 13 56.9 +0.4

FINES FINES Array B 83.45 331 P P 08 14 05.1 +0.6

NOA NORFOLK Array B 90.36 333 LR LR 08 57 48.1

PLCA Paso Flores 148.52 156 PKPbc PKIKP 08 21 24.8 -1.3

IDC 21 08:20:07.2;1.3;35.72N;117.25W, h0km, mb3.5/1, mtbmp3.1/7, ML3.1/5, Error ellipse: s-maj=17.4km

NEIC 21 08:20:07.7;1.1;35.63N;0.007;117.455W;0.008, h5km, 1km, ML3.6/160, Mwr3.6/6(PAS), Error ellipse: s-maj=2.1km, s-min=1.2km, az=281.0

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CLC comp=N,14um,0.4s, LRMC Laurel Mtn Rad, LRMC Laurel Mtn Rad, etc.

21d 10h

comp=Z.56nm,21.7s,baz=90,slow=34
KESR Kesra 78.17 304 LR LR 10 18 45.1
comp=Z.25nm,21.8s,baz=265,slow=40

BER 21 09:59:46.7±1.3,70398N,6.53W,h14km,ML2.7,
Mw3.6,4C,Confirmed Earthquake,Jan Mayen Island,
region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Jan Mayen East, Jan Mayen West, Jan Mayen, etc.

AFAD 21 10:00:19.8,42°17'N,25°63'E,h7km,3km,ML3.7
CFUSG 21 10:00:20.8,41°9'22"N,25°78'E,h5km,Mb3.2/2,MD3.2/3,
MSh12.9/3

ISK 21 10:00:20.9,42°15'N,25°66'E,h5km,ML3.7/37
SOF 21 10:00:21.8,42°11'N,0°01'x25°71'E,0.1,h18km,1km,
MD3.9/13
THE 21 10:00:22.3,42°N,1°x2°6'E,1,h4km,1km,M3.8/21,
MLh3.8/21
BEO 21 10:00:22.7,0.4,42°25'N,25°62'E,h2km,5km,ML3.7/24
ATH 21 10:00:23.3,42°26'N,25°89'E,h35km,6km,ML3.9/10,
Latitude uncertainty: 2 km; Longitude uncertainty: 2 km
ISC 21 10:00:22.2±0.9,42°15'N,0°01'x25°70'E,0.1,h10km,7km,
n169,r13/13/23/4,17C-22,Bulgaria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Dimitrograd, Kurdzhal, Dikaia, Yambol, Plovdiv, etc.

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Table with columns: CAVK, S, Sg, I, IAML, P, Pn, Sg, IAML, etc. Lists stations like Edirne-Kesan, Musomishta, Nevrokopi, etc.

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Table with columns: KAVV, S, Sg, I, IAML, P, Pn, Sg, IAML, etc. Lists stations like Karacabey (Bur), Cernavoda, Cernavoda-Powe, etc.

WEL 21 10:14:22.3±1.1,36°S,9°x18°0E±1'2,h113km,26km,
M3.8/17,ML3.7/19,MLV3.8/17,Error ellipse:
s-maj=16.2km s-min=11.7km az=71.2,confirmed,Off
east coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Matakaoa Point, Waiomatatini S, Puketiti, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like TORODI, CAPESTRE, LA PAZ.

JMA 21 13:02:33.6:0.1, 24.2N:0.5:122.1E:0.3, h38km, 1km, MV2.9/11, TAIWAN REGION

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like NACB, YHNB, YJNG, TATO, YOJ, YULB, etc.

KRSC 21 13:30:35.3:2.0, 55.35N:166.37E, h38km, 1km, MI3.7, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like BKI, EKI, KBTR, MKZ, ZLN, etc.

MOS 21 13:41:55.9:0.9, 18.60N:121.31E, h48km, mb5.1/35, Error ellipse: s-maj=8.1km s-min=4.6km az=111.7

IDC 21 13:41:58.1:2.6, 18.61N:121.22E, h47km, 24km, mb4.5/29, mbmp4.8/32, ML4.5/3, MS3.8/5.4, Error ellipse: s-maj=15.5km s-min=11.3km az=72.0

GFZ 21 13:41:58.8:0.1, 19.1N:12.1E, h50km, M4.7/48, mb4.8/48, Mw4.7/22

MAN 21 13:41:58.0:1, 18.80N:120.99E, h30km, MS4.8

MAN INTENSITY V - CLAVERIA AND SANCHEZ MIRA CAGAYAN; INTENSITY IV - PASUCUIN ILOCOS NORTE; ABULAN AND PAMPLONA CAGAYAN; FLORA LUNA PUTDOL AND SANTA MARCELA APAYAO; INTENSITY III - CITY OF LAOAG BACARRA CARASI DINGRAS AND SARRAT ILOCOS NORTE; APARRI BUGUEY GATTARAN GONZAGA AND LAL-LO CAGAYAN; INTENSITY II - CITY OF BATAK PAOAY AND SOLSONA ILOCOS NORTE; INTENSITY I - CITY OF VIGAN BANTAY AND SINAIT ILOCOS SUR.

NEIC 21 13:41:59.2:1.4, 18.70N:121.01E, h53km, 6km, mb5.1/236, Mw4.9/10, Error ellipse: s-maj=14.2km s-min=12.4km az=83.0

BUI 21 13:42:00.7, 19.07N:121.01E, h47km, mb4.7/24, mb4.6/63, ML4.6/2, Ms4.1/63, Mw3.9/61

DJA 21 13:42:32.8:1.4, 17.1N:12.1E, h345km, 14km, M4.4/54, mb4.5/54, mb5.0/22, Mw(MB)4.2/22, Mw/Mwp5.5/4, Mw5.7/4

ISC 21 13:41:58.9:0.4, 18.77N:120.03:121.05E:0.04, h51km, 3km, h51km: pP-P, n506, c1980/416, mb5.1/224, MS3.8/67, 16C-3D, Luzon

Main table for station 1237 with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PACPP, CIPC, CVP, SZP, etc.

Main table for station 2020 AUG with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like QIZ, QIZ, QIZ, QIZ, etc.

Main table for station 21d 13h with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CMAR, CMAR, CMAR, CMAR, etc.

21d 13h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Prapat, Ussuriysk Arr, EDFI, BNK, etc.

2020 AUG

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like H11S2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

1238

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TIXI Tiksi, STKA Stephens Creek, NRIK Noril'sk, etc.

21d 14h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NANN, NUBE, RBDL, FAME, MTO3, etc.

DJA 21 14:34:03.7±0.4, 10°S±5'11.9E±1', h10km, M3.8/14, mb5.5/1, mb4.2/3, MLV3.5/14, Mw(mb)4.9/1, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBSI, WSI, DBNI, etc.

DJA 21 14:34:48.4±0.8, 3°S±2'13.6E±1', h13km±6km, M4.0/17, mb5.9/2, mb4.1/11, MLV3.9/17, Mw(mb)5.5/2, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BAKI, MWPI, FAKI, etc.

IDC 21 14:38:28.2±1.3, 9°01'S±123.81'E, h0km, mb3.6/2, mbmp3.6/5, ML3.7/3, Error ellipse: s-maj=69.6km s-min=17.3km az=61.0

DJA 21 14:38:38.2±0.8, 9°S±3'12.4E±1', h75km±11km, M3.1/5, MLV3.1/7, MLV3.1/5

ISC 21 14:38:37.4±1.0, 9.55±0.1°123.5E±0.1, h75km, n9, ±1548/11, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOEI, MMRI, EDFI, etc.

JMA 21 14:38:47.4±1.0, 46°N±4'15.0E±1', h30km, MV4.8/17, KURILE ISLANDS REGION

NIED 21 14:38:47.4, 45.87°N±150.16'E, h30km, MW4.0, Moment Tensor Solution...

SKHL 21 14:38:50.6±0.2, 45.50°N±150.10'E, h15km, 8km, mb5.3/4, msh6.1/4

MOS 21 14:38:50.5±1.3, 45.71°N±149.96'E, h116km, mb4.0/9, Error ellipse: s-maj=10.0km s-min=8.1km az=45.4

NEIC 21 14:38:53.4±1.4, 45.91°N±149.9E±0.1, h16km, 8km, mb4.0/13, Error ellipse: s-maj=16.4km s-min=11.6km az=138.0

IDC 21 14:38:54.1±2.6, 45.94°N±149.81'E, h125km, 24km, mb3.4/13, mbmp3.9/18, MS2.5/4, Error ellipse: s-maj=19.8km s-min=12.4km az=149.0

ISC 21 14:38:50.4±0.5, 45.61°N±150.03E±0.06, h100km, n121, ±1566/138, mb3.9/28, 3C-5D, Kuril Islands

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

2020 AUG

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR, YUK, YUS, etc.

1240

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like J18K, D19K, E22K, etc.

IDC 21 14:57:07.5±3.2, 78°N±56.93'E, h0km, m3.7/7, mbmp3.7/7, Error ellipse: s-maj=6.1km s-min=27.4km az=150.0

TEH 21 14:57:10.7, 28.09°N±56.91'E, h9km±17km, ML3.3, Presumed earthquake

OMAN 21 14:57:16.5±0.1, 27.81°N±57.01'E, h10km, m3.1/14, Error ellipse: s-maj=1.6km s-min=1.3km az=346.0

ISC 21 14:57:13.4±0.7, 28.07°N±56.93E±0.05, h24km, n41, ±158/54, mb3.6/6, Southern Irian

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHJN, IBND, GENO, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like URZ, MWZ, TKGZ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAW, PETK, MGK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TORD, SOMA, AKHS, etc.

MAW	Mawson	68.30	195	P	P	19 12 00.3	-0.1
MCO	Macarouge Isla	68.33	148	P	P	19 12 00.7	-0.2
RAR	Rarotonga	97.03	112	LR	LR	19 52 49.9	
comp=Z,30nm,22.0s,baz=268,slow=32							
TXAR	Lajitas Array	145.88	40	PKPab	PKPab	19 20 41.7	+1.3
comp=Z,6.8nm,0.5s,baz=267,slow=1.0,SNR=7.4							
TXAR	Lajitas Array	145.88	40	PKPab	PKPab	19 20 40.7	+0.3
IDC 21 19:10:16.1±0.7,55.54N±158.36W,h0km,mb3.9/24, mbmp3.9/27,ML3.9/3,MS3.4/38,Error ellipse: s-maj=18.3km s-min=11.9km az=178.0							
NEIC 21 19:10:19.5±1.4,55.48N±0.03,158.34W±0.07,h23km,4km, mb4.4/14,ML4.4/4,ML4.0/AEIC,Error ellipse: s-maj=6.2km s-min=4.3km az=101.0							
AEIC 21 19:10:19.7±1.8,55.45N±0.03,158.27W±0.07,h11km,4km, Error ellipse: s-maj=5.9km s-min=3.9km az=120.0							
ISC 21 19:10:17.8±1.2,55.45N±0.03,158.25W±0.03,h15km,7km, n298,±125/243,mb4.3/68,MS3.4/32,Alaska Peninsula							
Code	Station Name	Δ°	AZ°	Phase ID	Time Res		
VNSG	Veniaminof 6	0.83	326	Op	ISC	h m s	ISC
CHGN	Chignik	0.86	364	Pb	Pb	19 10 34.5	+0.5
CHGN	Chignik	0.99	44.9	Sg	Sg	19 10 44.9	-1.0
VNKR	Veniaminof 5	0.86	313	Pb	Pb	19 10 35.1	+0.5
VNHG	Veniaminof 1	0.93	327	Pb	Pb	19 10 36.4	-0.1
VNHG	Chernabura Isl	0.99	232	P	Sb	19 10 40.9	+1.0
CHNA	Chernabura Isl	0.99	232	S	Sb	19 10 46.9	+2.5
CNBA	Chernabura Isl	0.99	231	Sg	Sg	19 10 50.7	+0.7
CNBA	Chernabura Isl	0.99	231	Pb	Pb	19 10 36.3	-0.4
CNBA	Chernabura Isl	0.99	231	IAML	IAML	19 10 54.3	
comp=E,2um,0.6s							
VNSB	Veniaminof 8	1.04	320	Pg	Pg	19 10 38.0	+0.1
VNFG	Fog Glacier, M	1.12	319	Pg	Pg	19 10 39.5	+0.1
VNFG	Fog Glacier, M	1.12	319	Sb	Sb	19 10 39.2	-1.0
VNFG				IAML	IAML	19 11 03.3	
comp=E,10um,0.6s							
VNFG				IAML	IAML	19 11 12.7	
comp=N,9um,0.8s							
BPBCA	Veniaminof	1.15	354	Pb	Pb	19 10 39.0	-0.4
SDPT	Sand Point	1.27	267	P	Pb	19 10 41.1	-0.0
SDPT	Sand Point	1.27	267	S	Sb	19 10 56.5	-1.2
SDPT	Sand Point	1.27	267	Pb	Pb	19 10 40.7	-0.4
SDPT	Sand Point	1.27	267	Sb	Sb	19 10 56.0	-1.7
comp=E,3um,0.9s							
SDPT				IAML	IAML	19 11 04.9	
comp=N,4um,1.2s							
ANPB	Aniakchak Pkn	1.36	359	Pn	Pn	19 10 42.4	0.0
ANPK	Aniakchak Peak	1.40	3	Pn	Pn	19 10 43.2	+0.2
ANPK	Aniakchak Peak	1.40	3	Sb	Sb	19 10 01.1	-0.1
ANNW	Aniakchak Nort	1.52	1	Pn	Pn	19 10 45.7	-0.1
PS1A	Pavlof South-1	1.99	271	Pn	Pn	19 10 51.8	+0.8
PS1A	Pavlof South-1	1.99	271	Sb	Sb	19 11 16.9	+1.3
PS1A	Pavlof South-1	1.99	271	Sb	Sb	19 11 17.5	+0.8
PS4A	Pavlof South-4	2.06	269	Sn	Sn	19 10 52.0	+0.1
PS4A	Pavlof South-4	2.06	269	Sn	Sn	19 11 17.6	+0.3
PS4A	Pavlof South-4	2.06	269	Sb	Sb	19 11 19.1	-1.2
DOL	Dolgoi Island	2.09	263	Sb	Sb	19 11 20.3	-0.8
PNTA	Pavlof North-7	2.16	10	Sn	Sn	19 10 53.6	+0.6
R16K	Pilot Point	2.14	17	Pn	Pn	19 10 52.3	+1.6
R16K	Pilot Point	2.14	17	Ph	Ph	19 10 53.6	+0.4
R16K	Pilot Point	2.14	17	IAML	IAML	19 11 39.8	
comp=E,2um,1.1s							
R16K				IAML	IAML	19 11 45.1	
comp=N,1um,1.5s							
DTNA	Dutton South F	2.31	264	Pn	Pn	19 10 55.2	-0.1
DT1	Dutton Round H	2.33	263	Sn	Sn	19 11 25.3	+1.3
RTL	Mt. Peulik Vol	2.43	25	Sn	Sn	19 11 27.8	+1.3
PLK1	Peulik 1	2.53	20	Pn	Pn	19 10 59.3	+0.9
PLK2	Peulik 2	2.67	16	Pn	Pn	19 11 01.1	+1.1
KJL	Kejulik	3.00	28	Pn	Pn	19 11 06.0	+1.1
CAHL	Cahill	3.08	31	Pn	Pn	19 11 07.2	+1.2
Q17K	Contact Creek	3.11	24	Pn	Pn	19 11 07.2	+0.8
Q17K	Contact Creek	3.11	24	Sn	Sn	19 11 08.3	+0.2
ANCK	Angle Creek	3.15	28	Pn	Pn	19 11 43.5	+1.6
OHAK	Old Harbor	3.29	55	P	P	19 11 22.3	+0.4
OHAK	Old Harbor	3.29	55	Pn	Pn	19 11 09.8	+0.1
OHAK	Old Harbor	3.29	55	IAML	IAML	19 12 06.8	
comp=N,325nm,1.1s							
OHAK				IAML	IAML	19 12 32.8	
comp=E,293nm,1.2s							
P16K	Nushagak River	3.60	2	Pn	Pn	19 11 13.6	+0.6
O15K	Unigalikthiuk R	3.84	348	Pn	Pn	19 11 16.3	0.0
P17K	Kvichak River	3.89	51	Pn	Pn	19 11 17.6	+0.7
KDAK	Kodiak Island	3.91	51	Ph	Ph	19 11 17.4	+0.2
comp=E,1.1nm,0.3s,baz=206,slow=6.0,SNR=7.7							
KDAK				Sb	Sb	19 12 00.0	-2.8
comp=E,7.8nm,0.3s,baz=38,slow=19,SNR=6.9							
KDAK				LR	LR	19 13 02.3	
comp=E,714nm,20.8s,baz=249,slow=43							
KDAK				LR	LR	19 12 27.5	
KDAK	Kodiak Island	3.91	51	AML	AML	19 11 17.2	0.0
KDAK	Kodiak Island	3.91	51	IAML	IAML	19 12 27.5	
comp=E,218nm,1.3s							
KDAK				IAML	IAML	19 12 45.9	
comp=E,248nm,1.2s							
O14K	Tiguykaiuvt M	4.15	338	Pn	Pn	19 11 21.0	+0.4
O14K	Tiguykaiuvt M	4.15	338	IAML	IAML	19 12 53.0	
comp=N,174nm,0.8s							
O16K	Kokwok River B	4.16	1	Pn	Pn	19 11 21.0	+0.3
P18K	Big Mountain,	4.28	21	Pn	Pn	19 11 23.2	+0.8
Q19K	Cape Douglas,	4.30	34	Pn	Pn	19 11 23.3	+0.7
Q17K	Kolliganek Bris	4.36	8	Pn	Pn	19 11 24.6	+0.8
AKSA	Akutan Strait	4.51	266	Pn	Pn	19 11 27.1	+1.9
AKUT	Akutan	4.55	256	P	P	19 11 27.6	+1.6
AKUT	Akutan	4.55	256	S	Sn	19 12 19.1	+0.5
AKUT	Akutan	4.55	256	Pn	Pn	19 11 26.8	+0.8
AKUT	Akutan	4.55	256	IAML	IAML	19 12 53.4	
comp=N,165nm,1.5s							
AKUT				IAML	IAML	19 12 56.3	
comp=E,153nm,2.0s							
AKGG	Akutan Green G	4.65	258	Pn	Pn	19 11 29.0	+1.5
LVA	Lava Point	4.69	257	Pn	Pn	19 11 28.5	+0.5
LVA	Lava Point	4.69	257	IAML	IAML	19 12 25.0	
comp=E,234nm,0.8s							
AUJK	Augustine Jueg	4.71	32	Pn	Pn	19 11 29.7	+1.4
AGU	Augustine-Summ	4.71	32	Pn	Pn	19 11 29.9	+1.5
O18K	Koktuh Hills	4.71	19	Pn	Pn	19 11 28.6	+0.2
O18K	Koktuh Hills	4.71	19	IAML	IAML	19 12 52.8	
comp=E,113nm,0.9s							
AU22	Augustine Moun	4.74	32	Pn	Pn	19 11 30.1	+1.4
N15K	Kwethliuk River	4.84	349	Pn	Pn	19 11 30.6	+0.6
N15K	Kwethliuk River	4.84	349	IAML	IAML	19 13 06.5	
comp=E,233nm,0.9s							
N15K				IAML	IAML	19 13 09.9	
comp=N,140nm,0.9s							
N14K	Kuskokwak Cree	4.85	339	Pn	Pn	19 11 30.9	+0.7
P19K	Oil Pt	5.01	31	Pn	Pn	19 11 33.4	+0.9
N16K	Nishik Lake	5.05	367	Pn	Pn	19 11 34.0	+1.0
UNV	Unalaska Valle	5.05	255	P	Pn	19 11 33.8	+0.8
UNV	Unalaska Valle	5.05	255	AML	AML	19 12 46.6	
UNV	Unalaska Valle	5.05	255	Pn	Pn	19 11 33.6	+0.6
N17K	Nushagak Hills	5.13	6	IAML	IAML	19 13 10.4	
N17K	Nushagak Hills	5.13	6	IAML	IAML	19 13 19.4	
comp=N,87nm,1.5s							
O19K	Port Alsworth	5.21	22	Pn	Pn	19 11 36.3	+1.2
O19K	Port Alsworth	5.21	22	IAML	IAML	19 13 05.1	
comp=E,182nm,0.5s							
O19K				IAML	IAML	19 13 07.7	
comp=N,134nm,0.5s							
MGOD	Makushin Gods	5.28	255	Pn	Pn	19 11 37.3	+1.2
MGOD	Makushin Gods	5.28	255	Pn	Pn	19 11 37.4	+1.3
ILS	Iliamna Low So	5.31	29	Pn	Pn	19 11 37.8	+1.2
ILSW	Iliamna Southw	5.31	29	Pn	Pn	19 11 36.6	0.0
ILSW	Iliamna Southw	5.31	29	IAML	IAML	19 12 46.6	
comp=E,84nm,1.3s							
IVE	Iliamna Volcan	5.37	29	Pn	Pn	19 11 38.8	+1.3
N18K	Kilae Creek	5.40	12	Pn	Pn	19 11 38.1	+0.4
N18K	Kilae Creek	5.40	12	IAML	IAML	19 13 18.9	
comp=E,72nm,1.2s							
N18K				IAML	IAML	19 13 34.6	

M15K	Saglikuk River	5.42	347	Pn	Pn	19 11 38.7	+0.7
O20K	Slope Mountain	5.54	31	Pn	Pn	19 11 40.9	+1.2
CNMP	China Post	5.57	40	Pn	Pn	19 11 40.4	+0.3
M16K	Timber Creek	5.61	356	Pn	Pn	19 11 41.2	+0.6
M14K	Bethee	5.67	341	Pn	Pn	19 11 41.9	+0.4
M14K	Bethee	5.67	341	Pn	Pn	19 11 41.5	+0.1
N19K	Bonanza Creek	5.74	19	Pn	Pn	19 11 43.4	+0.9
RED	Redoubt Volcan	5.78	28	Pn	Pn	19 11 44.0	+1.0
RDSO	Redoubt South	5.81	28	Pn	Pn	19 11 44.6	+1.0
NCT	North Crescent	5.86	27	Pn	Pn	19 11 44.5	+0.3
BRSE	Bradley Lake S	5.90	40	Pn	Pn	19 11 43.9	-0.8
DFR	Drift River	5.92	53	Pn	Pn	19 11 44.4	+0.1
M17K	Holtna River	5.99	4	Pn	Pn	19 11 46.2	+0.4
RDT	Redoubt	6.01	29	Pn	Pn	19 11 47.0	+0.8
OKTU	Okmok Mt. Tuli	6.08	254	Pn	Pn	19 11 48.2	+1.0
OKWE	Okmok W'ng Wal	6.15	255	Pn	Pn	19 11 49.1	+1.0
M18K	Stony River	6.20	11	Pn	Pn	19 11 49.7	+1.0
L16K	Dwhat River	6.32	355	Pn	Pn	19 11 50.0	0.0
SPWE	Spurr West	6.57	25	Pn	Pn	19 11 55.0	+1.2
SPBG	Spurr Blockage	6.60	26	Pn	Pn	19 11 55.0	+0.7
SPU	Mount Spurr	6.61	27	Pn	Pn	19 11 55.1	+0.7
SPNN	North Nagishia	6.61	24	Pn	Pn	19 11 55.4	+0.8
SEW	Seward	6.63	42	Pn	Pn	19 11 54.1	-0.4
SLKM	Skilak Lake	6.63	37	Pn	Pn	19 11 54.6	0.0
L17K	Donlin	6.71	360	Pn	Pn	19 11 55.5	-0.2
O22K	Cooper Landing	6.78	38	Pn	Pn	19 11 58.3	+1.6
L18K	Granite Mounta	6.84	6	Pn	Pn	19 11 58.1	+0.5
SPIA	Saint Paul Isl	6.90	289	Pn	Pn	19 12 00.3	+2.0
SPIC	Saint Paul Isl	6.90	289	Pn	Pn	19 12 00.3	+2.0
L19K	White Mountain	6.98	13	Pn	Pn	19 12 00.4	+0.9
M20K	Styx River	6.98	20	Pn	Pn	19 12 01.5	+2.0
K15K	Wolf Creek Mou	7.08	347	Pn	Pn	19 12 01.6	+0.8
RC01	Rabbit Creek A	7.22	35	Pn	Pn	19 12 03.9	+1.2
CAST	Conced Point,	7.25	19	Pn	Pn	19 12 03.9	+0.2
K17K	Iditarod	7.29	360	Pn	Pn	19 12 03.9	+0.2
K13K	Kusivlak Mount	7.31	335	Pn	Pn	19 12 04.2	+0.2
CLES	Cleveland East	7.33	254	Ph	Ph	19 12 05.2	+1.0
SKT	Skwentna	7.42	25	Pn	Pn	19 12 06.1	+0.5
PWL	Port Wells	7.54	20	Pn	Pn	19 12 06.3	-0.9
GHO	Good Hope	7.56	53	Pn	Pn	19 12 13.7	+0.4
J14K	Narvaranak Lak	7.82	342	Pn	Pn	19 12 10.5	-0.3
KNK	Knik Glacier	7.88	37	Pn	Pn	19 12 12.0	+0.2
J16K	Anvik River	7.96	352	Pn	Pn	19 12 12.7	0.0
H1N	Hinchinbrook I	7.98	47	Pn	Pn	19 12 12.6	-0.5
J17K	VABM Dome	7.99	357	Pn	Pn	19 12 12.6	-0.4
GLI	Glory Hole Cre	8.02	43	Pn	Pn	19 12 12.7	+0.1
GLI	Glacier Island	8.02	43	Pn	Pn		

21d 19h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NOA NORSAR Array B, KURK Kurchatov, KURBB Kurchatov Arra, HFS Hagfors, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GAT2 Gaotai, ARTI Arti, MKAR Makanchi Array, EKA Eskdalemuir Arr, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AAK Ala-Archa, AKASG Malin Array Be, AKASG Malin Array Be, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AK01 Malin Array Si, AK17 Malin Array Si, AK14 Malin Array Si, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GERES GERESS Array B, KMPD K-Podolskiy, DAV Davco City (W), and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ESDC Sonseca Array, GNI Garmi, BRTR Keskin Array B, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MDP Montagnes des, URZ Urewera, QSPA South Pole Qui, and others.

SDD 21 19:20:03.3, 1.4, 18.28N, 71.86W, h29km, 5km, MD3.2, ML2.0, MW2.7, Presumed earthquake. OSPL 21 19:20:06.2, 1.4, 18.39N, 71.69W, h0km, 999km, ML2.0, Presumed earthquake.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AB31 Akbulak array, AB31 Kurchatov Arra, KURBB Kurchatov Arra, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BVAR Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ZALV Zalesovo Beam, FINES FINES Array B, ARCES ARCES Array B, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HFS Hagfors, NOA NORSAR Array B, NOA NORSAR Array B, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TORO Tori Arr, WRA Warramunga Arr, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HUIG Huatulco, HUIG Huatulco, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PEIG Puerto Escondi, PEIG Puerto Escondi, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like OXLC Oaxaca, OXLC Oaxaca, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like OXBJ Oaxaca, OXBJ Oaxaca, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VHO Vista Hermosa, VHO Vista Hermosa, and others.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PLIG Platanillo, PLIG Yautepac, YAUT Yautepac, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AMVM AMECAMECA, AMVM San Francisco, AMVM San Francisco, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RTAL Retalhuleu, RTAL Retalhuleu, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TLVM San Miguel Tot, TLVM San Miguel Tot, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MAVM Malinalco, MAVM Malinalco, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like XCMV Xochimilco, XCMV Xochimilco, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like XCMV Xochimilco, XCMV Xochimilco, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HUEH Huehuetenango, UNM Universidad Na, UNM Universidad Na, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AOVN Atilapan, AOVN Tlapan, AOVN Tlapan, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PBVM Pinon, PBVM Pinon, and others.

MEX 21 19:36:33.5, 0.15, 15.56N, 96.25W, h23km, 7km, MD4.7(UNK)

NEIC 21 19:36:35.1, 2.3, 15.88N, 0.07, 96.21W, 0.05, h10km, 2km, mb4.4/1.0, Mdd, 6/11(MEX), Error ellipse: s-maj=13.5km s-min=5.8km az=208.0

IDC 21 19:36:42.1, 3.5, 16.11N, 96.13W, h54km, 29km, mb3.6/8, mbmp3.8/10, ML3.2, MS3.4/20, Error ellipse: s-maj=25.8km s-min=18.6km az=43.0

ISC 21 19:36:32.0, 1.2, 15.53N, 0.05, 96.30W, 0.03, h13km, 7km, n20x, 0.25/2/253, mb4.4/33, MS3.3/18, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HUIG Huatulco, HUIG Huatulco, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PEIG Puerto Escondi, PEIG Puerto Escondi, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like OXLC Oaxaca, OXLC Oaxaca, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like OXBJ Oaxaca, OXBJ Oaxaca, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VHO Vista Hermosa, VHO Vista Hermosa, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like YHOY Yosondua, YHOY Yosondua, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMIG Matias Romero, CMIG Matias Romero, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CTUV Llano Grande, CTUV Llano Grande, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MOIG Morelia, MOIG Morelia, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PETF Flores, PETF Flores, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like EQSI Esquipulas, EQSI Esquipulas, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JTS Las Juntas de, JTS Las Juntas de, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TXAR Lajas Array, TXAR Lajas Array, and others.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB03 IPOC Station P, AC04 Llanos de Chal, AF01 San Pedro de A, etc.

Table with columns: CHNS, Tsauling, WTK, Tuku, ZWK, Zhuzihu, SZH, Alishan, ALS, Shuangxi, TIBP, Ruisui, Grass Mountain, SX11, Shuilin Townsh, EYUL, Yuli, TPUB, Hsiinying, TWK, Fulb, Fuli, CHN1, Nanshi, CHN1, PTMZ, Houxiangcun, MASBT, Mashibuluo, MASBT. Includes station names and coordinates.

Table with columns: FORT, Forrest, FITZ, Crossi, JHJ2, Mitsune, GSPA, South Pole Qui, QSPA, South Pole Qui, MJAR, Matsushiro Arr, MJAR, Matsushiro Arr, YULB, Yu-ii, SSLB, Suanglung, PETK, Petrapavlovsk, ELIB, Princess Elisa, TXAR, Lajitas Array, TXAR, Lajitas Array, VNA3, Neumayer Olymp, ILAR, Eielson Array, VNA2, Neumayer-Watz, KURBB, Kurchatov Arr, BVAR, Keskin Array, AKASG, Malin Array, BRTR, Kurchatov Arr, BUR08, Buocovina Arr, BURAR, Buocovina Arr, MMAI, Mount Meron Ar, CLL, Collin, MLR, Muntele Rosu, GERES, Geressey Arr, GERES, Geressey Arr. Includes station names and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NSY, Sanyi, TW01, Liyutan, NMLH, Miaoii, NMLH, Nanjuang, LI0B, Emei, TDCB, Tech, NFF, Wufeng Townshi, NFF, TW, Tachien, NJN, Zhunan, FJN, Fushou, FUSS, Beigang Elemen, WCS, Taichung, TCU, HSN, Hsinchu, NNS, Nan Shan, NNS, Datong, WHF, Hehuan Shan, KSH, Guanxi Townshi, NSK, Sangung, NSK, WUSB, Renai, YHNB, Yeheng, OWD, Renai, LATG, Datong, SMLT, Sun Moon Lake, NWL, Wuai, SSSLB, Suanglung, FUSB, Fushanzhiwuyua, FUSB, Xinyi Township, WHYT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWD, Chiawan, TWD, Tachien, ETL, Fush Village, ETL, HWA, Hwalian, NACB, Niangchiao, ETM, Tongmen, ETM, XiuLin Townshi, ETM, XiuLin Townshi, ETL, XiuLin Townshi, ETL, Yanliu Villag, TXLB, XiuLin Townshi, LXIB, XiuLin Townshi, LXIB, Aohua, EAHA, Aohua, SHUL, Shoufeng, SHUL, Shilin, ESL, Hehuan Shan, WHF, Wuta, EWUT, Wuta, EWUT, FUSH, Fushou, FUSS, Datong, NNSB, Fenglin Townsh, WARB, Fenglin Townsh, WARB, Nan Shan, NNS, Renai, OWD, Datong, LATG, Datong, TWT, Tachien, TDCB, Tech, WUSB, Renai, NDT, Datong Townshi, TWC, Suao, TWC, WVD, WVD, WVD, Ruisui, GOS3, YHNB, Yeheng, YHNB, Hungye, EHY, Warrong, EGYH, Sangung, NNS, Ilan, SSSLB, Suanglung, YULB, Yu-ii, YULB, Yuli, EYUL, Yuli, NTC, Toucheng, TW1, Yuli, TW1, Emei, LI0B, Yu-Shan, YUS, HSN, Hsinchu, EHD, Haidun, EHD, SX11, Grass Mountain, ECS, Chishang, ELOTW, Lidau, ELOTW, Lidau, ELOTW, WCKO, Fanlu, STYH, Taoyuan, STYH, Taoyuan, TPUB, Ta-pu, TWK, Hsiinying.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMIS, Natf Sefid, AMIS, Piripir, JHBN, Jahan bin, LATG, Ahwaz, QAMS, Qamsar, KCHF, Cheshme Sefid, IKLH, Kolehrood, SNOR, Gerges, Kerman, IBRJ, Broujer, HGHA, Hamedan- Ghay, IGHG, Ghaledghazi, IQOM, Oom, ILBA, Iltan Banvizeh, GABG, Gerges-Qazvin, KRSH, Karshahi, IZEF, Zefreh, SNJK, Sanadaj_Korde, ISFB, Sefidab, IGZV, Ghazvin, ILAS, Lasterj, IFIR, Firoozkoo, GNI, Garni, ASF, Jabal al Asrar, AMF, Mount Meron Ar, MMAI, Kislovodsk Arr, BRTR, Keskin Array, BRTR, Borovoye Array, BVAR, Borovoye Array, FINES, FINESS Array B, IBZA, Zoroastrian, HFS, Hagfors, TORD, Torodi Arr, Bea, BORG, Borgane, TSUM, Tsumbe, USRK, Ussuriysk Arr, INK, Inuvik, YKA, Yellowknife Arr.

21d 22h

Table with columns: WRA, ASAR, TORD, Station Name, Azimuth, Phase ID, Time, Res. Includes Warramunga Arr, Alice Springs, Torodi Bea.

ISC 21 21:49:59.81.4.6:58N.126:86E, h0km, mb3.7/5, mbmp3.8/6, ML3.6/1, Error ellipse: s-maj=31.9km s-min=16.4km az=51.0

MAN 21 21:50:05.0.6:50N.126:80E, h33km, MS3.4, NEIC 21 21:50:07.0.8.6:62N.0.10:126:56E.0.07, h5km, g9km, mb4.4/11, Error ellipse: s-maj=14.9km s-min=8.5km az=206.0

ISC 21 21:50:02.4.1.7.6:61N.0:04:126:79E.0:07, h17km, 10km, n33, c115/36, mb4.2/12, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes DMPP, DDDP, Cateel, DAVAO, DAVAO City (W).

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KAPI, SAUI, FITZ, FITZ Crossi, WBO, WARRAMUNGA ARR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes WARRAMUNGA ARR, ASAR, BBOO, WAKE ISLAND HY.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes WAKE ISLAND HY, MAKANCHI ARRAY, MA2, FUTU, KURBBS.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes PORCUPINE RIVE, MENT, BERG, COLEEN RIVER.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes COLEEN RIVER, RSNC, UPA, UCR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes CATA, ISC, CACAO, RBALA, GMAL, PBNVO, PANP, KNNTU, BURE, EDPE, SAJUE, PIEC, PICV, LCR2, LCR2, LCR2, ACOS, ZANG, YTCV, ABRA, VBRB, CVTV, CVTO, VTRU, CVTR, HDC, TRB2, BCIP, BCIP.

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Table with columns: BCIP, AML, AML, Isla Barro Col, YPLR, NYURE, JTS, JTS, JTS, PTAC, ARE1, VARE2, CEDE, TABAC, JUD3, TIMP, TENO, CUI, VMAH, VRLA, LAPC, BBAC, OTAVO, POPC, APAC, DBBC, CRUC, ACON, LCBC, GUYC2, UREC, ORTC, BETC, NORCA, GARC, PRAC, PTBC, URMCL, KAPI, SAUI, FITZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes H08S2, H08S1, H08S3, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, H01W2, H01W3, H01W1, ASAR, WRA, QSPA, MKAR.

ISC 21 22:03:11.5.1.7.29:07S.76:22E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=51.4km s-min=37.2km az=103.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes H08S2, H08S1, H08S3, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, H01W2, H01W3, H01W1, ASAR, WRA, QSPA, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes WARRAMUNGA ARR, ASAR, BBOO, WAKE ISLAND HY, MAKANCHI ARRAY, MA2, FUTU, KURBBS.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes PORCUPINE RIVE, MENT, BERG, COLEEN RIVER.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes COLEEN RIVER, RSNC, UPA, UCR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes CATA, ISC, CACAO, RBALA, GMAL, PBNVO, PANP, KNNTU, BURE, EDPE, SAJUE, PIEC, PICV, LCR2, LCR2, LCR2, ACOS, ZANG, YTCV, ABRA, VBRB, CVTV, CVTO, VTRU, CVTR, HDC, TRB2, BCIP, BCIP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHAR, NVSH, NVSH, NVSH, NVS, NVS, NVHES, NVHES, BSKT, BSKT, BSKT, ZAAO, ZAAO, SALR, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, BJR3, KEM, KEM, BALA, BALA, POMOR, POMOR, VCHU, VCHU, VCHU, KOTO, KOTO, ELT, ELT, ELT, ERU, ERU, ERU, TAIL, TAIL, MALIN, MALIN, KALT2, KALT2, KALT3, KALT3, KIYZ, KIYZ, KIYZ, GALT, GALT, GALT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHAR, NVSH, NVSH, NVSH, NVS, NVS, NVHES, NVHES, BSKT, BSKT, BSKT, ZAAO, ZAAO, SALR, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, BJR3, KEM, KEM, BALA, BALA, POMOR, POMOR, VCHU, VCHU, VCHU, KOTO, KOTO, ELT, ELT, ELT, ERU, ERU, ERU, TAIL, TAIL, MALIN, MALIN, KALT2, KALT2, KALT3, KALT3, KIYZ, KIYZ, KIYZ, GALT, GALT, GALT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHAR, NVSH, NVSH, NVSH, NVS, NVS, NVHES, NVHES, BSKT, BSKT, BSKT, ZAAO, ZAAO, SALR, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, BJR3, KEM, KEM, BALA, BALA, POMOR, POMOR, VCHU, VCHU, VCHU, KOTO, KOTO, ELT, ELT, ELT, ERU, ERU, ERU, TAIL, TAIL, MALIN, MALIN, KALT2, KALT2, KALT3, KALT3, KIYZ, KIYZ, KIYZ, GALT, GALT, GALT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHAR, NVSH, NVSH, NVSH, NVS, NVS, NVHES, NVHES, BSKT, BSKT, BSKT, ZAAO, ZAAO, SALR, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, BJR3, KEM, KEM, BALA, BALA, POMOR, POMOR, VCHU, VCHU, VCHU, KOTO, KOTO, ELT, ELT, ELT, ERU, ERU, ERU, TAIL, TAIL, MALIN, MALIN, KALT2, KALT2, KALT3, KALT3, KIYZ, KIYZ, KIYZ, GALT, GALT, GALT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHAR, NVSH, NVSH, NVSH, NVS, NVS, NVHES, NVHES, BSKT, BSKT, BSKT, ZAAO, ZAAO, SALR, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, BJR3, KEM, KEM, BALA, BALA, POMOR, POMOR, VCHU, VCHU, VCHU, KOTO, KOTO, ELT, ELT, ELT, ERU, ERU, ERU, TAIL, TAIL, MALIN, MALIN, KALT2, KALT2, KALT3, KALT3, KIYZ, KIYZ, KIYZ, GALT, GALT, GALT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHAR, NVSH, NVSH, NVSH, NVS, NVS, NVHES, NVHES, BSKT, BSKT, BSKT, ZAAO, ZAAO, SALR, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, BJR3, KEM, KEM, BALA, BALA, POMOR, POMOR, VCHU, VCHU, VCHU, KOTO, KOTO, ELT, ELT, ELT, ERU, ERU, ERU, TAIL, TAIL, MALIN, MALIN, KALT2, KALT2, KALT3, KALT3, KIYZ, KIYZ, KIYZ, GALT, GALT, GALT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHAR, NVSH, NVSH, NVSH, NVS, NVS, NVHES, NVHES, BSKT, BSKT, BSKT, ZAAO, ZAAO, SALR, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, BJR3, KEM, KEM, BALA, BALA, POMOR, POMOR, VCHU, VCHU, VCHU, KOTO, KOTO, ELT, ELT, ELT, ERU, ERU, ERU, TAIL, TAIL, MALIN, MALIN, KALT2, KALT2, KALT3, KALT3, KIYZ, KIYZ, KIYZ, GALT, GALT, GALT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes KHAR, NVSH, NVSH, NVSH, NVS, NVS, NVHES, NVHES, BSKT, BSKT, BSKT, ZAAO, ZAAO, SALR, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, BJR3, KEM, KEM, BALA, BALA, POMOR, POMOR, VCHU, VCHU, VCHU, KOTO, KOTO, ELT, ELT, ELT, ERU, ERU, ERU, TAIL, TAIL, MALIN, MALIN, KALT2, KALT2, KALT3, KALT3, KIYZ, KIYZ, KIYZ, GALT, GALT, GALT.

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Table with columns: LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes LUZB, ARTR, ARTR, YALR, ELDR, ELDR, UKR, UKR, VEH, VEH, CHBI, CHBI, KURK, KURK, KURK, KURB, KURB, KURB, KURB, MKK3, MKK3, MKK3, MKK3, MAKZ, MAKZ, MAKZ, MAKZ.

21d 23h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like K15K, Wolf Creek Mou, Bonanza Creek, etc.

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Main table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FETA, DAVA, KEST, KESRA, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LBZ, SANI, DCZ, SOEI, etc.

1255

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like LZH Lanzhou, SEY Sychman, ULN Ulaanbaatar, etc.

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Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like C18K Utukoi River, F20K Avarakt Lake, G29M Pine Creek, etc.

21d 23h

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like G29M Pine Creek, G29M Pine Creek, G29M Pine Creek, etc.

Table with columns: LAO, BW06, PD31, PDAR, PDAR, YNE, YNE, YMP, YMP, GCMT, GCMT, SNOW, SNOW, YHH, YHH, FXWY, FXWY, OGINE, OGINE, ISCO, ISCO, YHL, YHL, YHL, YHL, AHID, AHID, AHID, AHID, O20A, O20A, O20A, O20A, RDMU, RDMU, RDMU, RDMU, E28A, E28A, BOZ, BOZ, Q24A, Q24A, Q24A, Q24A, HWUT, HWUT, HWUT, HWUT, ULM, ULM, TXAR, TXAR, TXAR, TXAR. Includes station names, coordinates, and event details.

SNET 21 23:44:35.9, 1.7, 14.25N; 91.77W, h70km, ML3.9, Presumed earthquake

ICD 21 23:44:36.4, 4.6, 14.33N; 91.65W, h79km, 29km, mb3.6/1, mtmtp3.5/3, Error ellipse: s-maj=64.5km s-min=12.4km az=12.0

CATAC 21 23:44:36.0, 0.5, 14.1N; 5.9W, h56km, 6km, M3.8/12, MLV3.8/12, Error ellipse: s-maj=10.6km s-min=4.1km az=23.9, confirmed

CGC 21 23:44:37.4, 0.9, 14.39N; 91.63W, h65km, 7km, MD4.0, ML4.1, Presumed earthquake

ISC 21 23:44:38.8, 1.1, 14.32N; 0.07, 91.69W, 0.05, h69km, 7km, n37, c210/53, Guatemala

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

comp=N, 0.9nm, 0.6s, bazz=154, slow=8.9, SNR=4.5
comp=N, 0.9nm, 0.6s
CMAR Chiang Mai Arr 145.79 342 PKPbc PKPdf 00 04 04.8 -3.8

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations for the Chiang Mai Arr event.

DJA 21 23:53:57.6, 0.4, 0.0N; 3.12E, h159km, 4km, M3.9/18, mb3.9/4, mb4.0/7, MLV3.7/18, Mw(MB)4.2/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations for the Minahassa Peninsula event.

IDC 22 00:00:46.0, 2.1, 4.70N; 126.85E, h0km, mb3.6/4, mtmtp3.6/4, Error ellipse: s-maj=199.3km s-min=21.1km az=67.0

DJA 22 00:01:03.7, 1.0, 4.0N; 7.12E, h10km, M3.9/8, MLV3.9/8, ISC 22 00:01:00.4, 1.1, 3.98N; 0.07, 125.7E; 0.2, h100km, n8, c182/11, mb3.5/4, Talud Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations for the Talud Islands event.

BUI 22 00:39:30.4, 4.63S; 101.08E, h32km, mb5.7/76, mb5.5/96, Ms5.7/99, Ms7.5/94

ICD 22 00:39:32.6, 0.4, 3.91S; 101.08E, h0km, mb5.3/38, mtmtp5.3/39, ML5.0/1, MS5.1/60, Error ellipse: s-maj=14.5km s-min=9.8km az=58.0

MOS 22 00:39:32.8, 1.0, 3.96S; 101.12E, h14km, mb5.7/87, MS5.2/31, Error ellipse: s-maj=7.1km s-min=3.7km az=110.9

IPGP 22 00:39:33.0, 4.09S; 100.98E, h27km, Mw5.6, Fault plane solution: NP1: phi=329.00000, delta=15.00000, lambda=114.00000, NP2: phi=124.00000, delta=87.00000, lambda=84.00000

NEIC 22 00:39:34.3, 4.00S; 101.03E, h13km, NEIC 22 00:39:34.4, 4.05S; 101.03E, h14km, NEIC 22 00:39:34.9, 4.25S; 100.43E, h16km, Moment Tensor Solution. Duration: 2/5. Moment tensor: Scale 10^17 Nm; Mrr: 0.80; Mss: -0.46; Mtt: -0.34; Mtr: 1.18; Mts: 0.40; Mrt: -1.27; Mst: 1.27

GFZ 22 00:39:34.7, 4.03S; 101.04E, h31km, Mw5.4/62, Moment Tensor Solution. Moment tensor: Scale 10^17 Nm; Mrr: 1.35; Mss: -0.78; Mtt: -0.57; Mtr: -0.08; Mts: 0.85; Mrt: 0.60; Mst: 0.60

NEIC 22 00:39:35.6, 1.6, 4.08S; 0.06, 100.99E, 0.06, h21km, 1km, mb5.6/239, Ms 20.5, 4.533, Mw5.5/98, Mw5.5/18, Error ellipse: s-maj=10.2km s-min=9.6km az=229.0, Moment Tensor Solution. Moment tensor: Scale 10^17 Nm; Mrr: 1.16; Mss: -0.85; Mtt: -0.30; Mtr: 1.26; Mts: 0.95; Mrt: -0.45; Mst: 0.45

PTWC 22 00:39:35.4, 2.0S; 100.90E, Mw5.6/11, ISC-PP 22 00:39:35.4, 2.0S; 100.99E, h2km, Mw5.5/98, Moment Tensor Solution. s11 Moment tensor: Scale 10^17 Nm; Mrr: 0.68; 1.1; Mss: 0.18; 1.5; Mtt: 0.23; 1.5; Mtr: 0.46; 0.9; Mts: -0.05; 1.3; Mrt: 0.12; 1.4; Fault plane solution: Mrr: 4.00E+10, delta: 3.20E+10, lambda: 19.30E+10, NP1: phi=103.60000, delta=103.60000, lambda=78.60000, NP2: phi=124.00000, delta=87.00000, lambda=84.00000

GFZ 22 00:39:37.4, 0.2, 4.52S; 101.1E, h29km, 1km, Ms 4.1/73, mb5.4/173, mb5.9/109, Mw(MB)5.5/109, Error ellipse: s-maj=4.3km s-min=2.9km az=34.2, confirmed

DJA 22 00:39:38.5, 0.1, 4.5S; 101.1E, h44km, 1km, Ms 4.1/81, mb6.0/138, mb6.0/181, MLV6.0/73, Mw5.5/27, Mw(MB)5.5/138, Mw(MB)5.5/27, Mw(MB)5.5/97

GCMT 22 00:39:38.6, 0.1, 4.25S; 0.01, 100.81E, 0.01, h25km, Mw5.6/113, Moment Tensor Solution. s131, c239; s133, c238; Duration: 1/5. Moment tensor: Scale 10^17 Nm; Mrr: 1.37; 0.2; Mss: -0.77; 0.2; Mtt: 0.60; 0.2; Mtr: 1.2; 0.5; Mts: 0.81; 0.1; Mrt: 1.6; 0.5; Best double couple: Ms3.01900E+10, delta: 3.17E+10, lambda: 3.17E+10, NP1: phi=317.00000, delta=317.00000, lambda=317.00000, NP2: phi=12.00000, delta=12.00000, lambda=12.00000

ISC 22 00:39:35.9, 0.3, 4.07S; 0.03, 101.02E, 0.03, h25km, 1km, h25km; PP-P, n1600, c147/1401, mb5.5/450, MS5.4/386, 89C-22P, Southern Sumatra

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations for the Southern Sumatra event.

Large table with columns: Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists numerous seismic stations and their associated data.

Table with columns: WOJ, Location, Time, P, Pn, and numerical values. Includes entries like WONGIRI, PANGKALAN BUN, KUCHING, NGAJI, PACITAN, etc.

Table with columns: Location, Time, P, P, Pmax, and numerical values. Includes entries like MANADO, QIONGZHONG, QIZ, MBWA, SANI, etc.

Table with columns: Location, Time, P, P, Pmax, and numerical values. Includes entries like GULI, DRS, SHL, SHL, SHL, etc.

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ENH	Enshi	35.09	13	P	P	00 46 26.7	-0.6
BAKI	Biak	35.16	86	P	P	00 46 26.9	-1.2
WBO	Warramunga Arr	36.08	118	I	I	00 46 30.0	-0.9
WBO	Warramunga Arr	36.08	118	I	I	00 46 37.4	
WB9	Warramunga Arr	36.08	118	P	P	00 46 36.4	+0.4
WRA	Warramunga Arr	36.09	119	P	P	00 46 36.2	+0.1
WRA	Warramunga Arr	36.09	119	P	P	00 52 10.2	-4.1
WRA	Warramunga Arr	36.09	119	P	P	01 03 20.0	
WRAB	Tennant Creek	36.10	119	P	P	00 46 35.5	-0.5
WRAB	Tennant Creek	36.10	119	P	P	00 46 35.5	-0.6
WRAB	Tennant Creek	36.10	119	P	P	00 46 37.7	
WRAB	Tennant Creek	36.10	119	P	P	00 46 36.7	+0.6
WB1	Warramunga Arr	36.10	119	P	P	00 46 37.4	+1.2
WR8	Warramunga Arr	36.24	119	P	P	00 46 36.5	-0.8
WR8	Warramunga Arr	36.24	119	I	I	00 46 39.0	
JHNI	Jhansi	36.53	325	eP	P	00 46 39.6	-0.1
WHN	Wuhan	36.70	19	↑P	P	00 46 41.4	+0.4
WHN	Wuhan	36.70	19	↑P	P	00 48 08.4	+3.5
WHN	Wuhan	36.70	19	↑P	P	00 52 24.8	+1.7
WHN	Wuhan	36.70	19	↑P	P	00 46 50.7	+8.7
WHN	Wuhan	36.70	19	↑P	P	00 46 40.1	+1.7
WHN	Wuhan	36.70	19	↑P	P	00 46 46.6	+0.9
AS15	Alice Springs	37.22	125	P	P	00 46 46.5	+0.8
AS15	Alice Springs	37.22	125	P	P	00 46 46.0	+0.3
ASAR	Alice Springs	37.23	125	P	P	00 52 29.4	-2.2
ASAR	Alice Springs	37.23	125	P	P	01 03 59.6	
ASAR	Alice Springs	37.23	125	P	P	00 46 44.5	-1.2
AS31	Alice Springs	37.23	125	P	P	00 46 45.7	0.0
AS01	Alice Springs	37.23	125	P	P	00 46 44.9	-0.9
AS09	Alice Springs	37.27	125	P	P	00 46 47.0	+0.9
AS09	Alice Springs	37.28	125	P	P	00 46 46.4	+0.3
AS17	Alice Springs	37.30	125	P	P	00 46 46.4	+0.1
XAN	Xi'an	38.63	11	↑P	P	00 46 56.6	-0.7
XAN	Xi'an	38.63	11	↑P	P	00 48 27.1	+1.0
XAN	Xi'an	38.63	11	↑P	P	00 52 51.6	-0.8
XAN	Xi'an	38.63	11	↑P	P	00 47 00.7	+0.6
XAN	Xi'an	38.63	11	↑P	P	00 47 00.7	+0.3
XAN	Xi'an	38.63	11	↑P	P	00 47 11.1	
XAN	Xi'an	38.63	11	↑P	P	00 47 00.2	-1.4
XAN	Xi'an	38.63	11	↑P	P	00 46 59.7	-1.9
XAN	Xi'an	38.63	11	↑P	P	00 46 59.8	-1.8
XAN	Xi'an	38.63	11	↑P	P	00 47 06.6	+0.6
XAN	Xi'an	38.63	11	↑P	P	00 47 16.7	
NJ2	Nanjing	39.72	24	↑P	P	00 47 06.9	+0.5
NJ2	Nanjing	39.72	24	↑P	P	00 53 15.3	+6.5
NJ2	Nanjing	39.72	24	↑P	P	00 47 07.4	+0.3
NJ2	Nanjing	39.72	24	↑P	P	00 47 26.7	
NJ2	Nanjing	39.72	24	↑P	P	00 47 07.0	-0.1
NJ2	Nanjing	39.72	24	↑P	P	00 47 17.9	
NJ2	Nanjing	39.72	24	↑P	P	00 47 07.8	+0.6
NJ2	Nanjing	39.72	24	↑P	P	00 47 07.8	-0.4
LYN	Lanzhou	39.89	15	P	P	00 47 08.6	+0.7
LYN	Lanzhou	39.89	15	P	P	00 47 16.4	+1.0
LYN	Lanzhou	39.89	15	P	P	00 48 47.8	+4.5
LYN	Lanzhou	39.89	15	P	P	00 49 14.0	+0.7
LYN	Lanzhou	39.89	15	P	P	00 53 12.9	+1.5
LYN	Lanzhou	39.89	15	P	P	00 53 28.3	+4.8
LYN	Lanzhou	39.89	15	P	P	00 47 08.6	+0.7
LYN	Lanzhou	39.89	15	P	P	00 47 17.4	-3.3
JOSI	Joshimath	40.08	331	eP	P	00 47 10.0	+0.3
JOSI	Joshimath	40.08	331	eP	P	00 47 23.0	
JOW	Kunigami	40.47	39	P	P	00 47 13.0	+0.3
JOW	Kunigami	40.47	39	P	P	00 47 11.8	-0.9
JOW	Kunigami	40.47	39	P	P	00 47 12.6	-0.2
GOMU	Geerlu	40.47	352	P	P	00 47 13.1	0.0
GOMU	Geerlu	40.47	352	P	P	00 47 17.4	-3.3
GOMU	Geerlu	40.47	352	P	P	00 53 25.3	+4.6
GOMU	Geerlu	40.47	352	P	P	00 47 13.1	0.0
GOMU	Geerlu	40.47	352	P	P	00 47 17.4	-3.3
GOMU	Geerlu	40.47	352	P	P	00 53 25.3	+4.6

GOMU	GOMU	40.77	330	eP	P	00 47 15.8	+0.5
GOMU	GOMU	40.77	330	eP	P	00 47 33.7	
UTK	UTTARKASHI	40.77	330	eP	P	00 47 15.7	-1.2
UTK	UTTARKASHI	40.77	330	eP	P	00 47 17.2	+0.3
UTK	UTTARKASHI	40.77	330	eP	P	00 47 17.6	+0.7
QIS	Mount Isa	40.95	117	P	P	00 47 22.5	+0.8
QIS	Mount Isa	40.95	117	P	P	00 47 42.7	
QIS	Mount Isa	40.95	117	P	P	00 47 24.0	+1.0
QIS	Mount Isa	40.95	117	P	P	00 47 22.2	-0.8
QIS	Mount Isa	40.95	117	P	P	00 48 13.5	
KLP	Kalpa	41.52	330	eP	P	00 47 21.5	-1.4
KLP	Kalpa	41.52	330	eP	P	00 47 21.5	-1.4
JMZ	Minamidaito	41.71	43	P	P	00 47 32.6	-0.8
JMZ	Minamidaito	41.71	43	P	P	00 47 33.3	+0.2
JMZ	Minamidaito	41.71	43	P	P	00 47 35.1	
JMZ	Minamidaito	41.71	43	P	P	00 47 28.7	+0.4
JMZ	Minamidaito	41.71	43	P	P	00 47 50.5	
SMLA	Simla	41.75	329	eP	P	00 47 28.9	-2.4
SMLA	Simla	41.75	329	eP	P	00 47 30.6	-0.7
SMLA	Simla	41.75	329	eP	P	00 47 29.6	-1.7
SMLA	Simla	41.75	329	eP	P	00 47 30.8	-0.5
SMLA	Simla	41.75	329	eP	P	00 47 31.3	-0.5
SMLA	Simla	41.75	329	eP	P	00 49 24.4	+1.6
SMLA	Simla	41.75	329	eP	P	00 53 54.8	+0.2
BHK	Bhakra	42.37	328	eP	P	00 47 33.3	+0.7
BHK	Bhakra	42.37	328	eP	P	00 49 20.3	-2.9
BHK	Bhakra	42.37	328	eP	P	00 53 56.4	+0.4
BHK	Bhakra	42.37	328	eP	P	00 57 08.8	+0.6
COEN	Coen	42.70	106	P	P	00 47 33.3	+0.7
COEN	Coen	42.70	106	P	P	00 49 20.3	-2.9
COEN	Coen	42.70	106	P	P	00 53 56.4	+0.4
COEN	Coen	42.70	106	P	P	00 57 08.8	+0.6
COEN	Coen	42.70	106	P	P	00 47 30.6	-0.7
COEN	Coen	42.70	106	P	P	00 47 29.6	-1.7
COEN	Coen	42.70	106	P	P	00 47 30.8	-0.5
TIA	Tai'an	42.80	19	P	P	00 47 31.3	-0.5
TIA	Tai'an	42.80	19	P	P	00 49 24.4	+1.6
TIA	Tai'an	42.80	19	P	P	00 53 54.8	+0.2
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an	42.80	19	P	P	00 53 56.4	+0.4
TIA	Tai'an	42.80	19	P	P	00 57 08.8	+0.6
TIA	Tai'an	42.80	19	P	P	00 47 33.3	+0.7
TIA	Tai'an	42.80	19	P	P	00 49 20.3	-2.9
TIA	Tai'an						

22d Oh

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KAVG, CMSA, ASAI, HHU, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CN2, CHMS, AUDCS, FAQ, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like USA0B, USRK, USRK, MOY, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIXI, SAHE BORA, DGTI ARG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TESR, ELIB, MI30, COVR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like APA, BZS, KWP, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MORC Moravsky Berou, GEC2 FDMO, GEC2 GERESS Array S, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BIOA Bad Ischl, AUS 91.21 318, GEC2 GERESS Array S, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KBS Kingsbay, C16K Lisburne, AKUT Akutan, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like KDAK Kodiak Island, CUT Chulitna, H24K Noodin Ferry, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like NEW Newport, M02C Callahan, KHBM Hayfork Bluff, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like P38A Dawn, M63A Gales Ferry, M52A Chestnut Farm, etc.

22d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Spitsbergen Ar, Kingsbay, Hopfen, Jan Mayen East, Danmarks Havn, etc.

AUST 22 02:01:56.0±0.3, 23°S, 119°E, h10km, mb3.8/6, ML2.0/8, Error ellipse: s-maj=7.0km s-min=5.3km az=111.2, confirmed, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Marble Bar, Meekatharra, Giralia, Morawa, Wattoning, WA, Ballidu, Koorda, Wester, Warakurna, Forrest.

IDC 22 02:02:03.5±4.7, 6°90N, 73°14W, h164km, 55km, mbmp4.0/2, Error ellipse: s-maj=347.0km s-min=7.7km az=132.0

RSNC 22 02:02:04.1±0.0, 7°N, 1°37'W, h150km, 1km, M3.2, mb3.6, ML2.9, MLV3.6

FUNV 22 02:02:05.5, 7°19N, 73°30W, h12km, MW3.3, Presumed earthquake

ISC 22 02:02:02.2±1.1, 6.86N, 0°03'73.12W, h104.0, h157km, n33, ±172/64, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Barichara, Barrancabermeje, Pamplona, La Rusia, Ocaña, San Pablo de B, Norcasia, Chingaza, El Rosal, Santa Helena, Cruz Verde, Santo Domingo, Prado.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Apartado, Choc, Los crdobas, La Uribe, Meta, Macarena, Meta, Uribia, Colomb, Garzon, Huila, Popayan, Colomb, Uribia, Colomb, Garzon, Huila, Popayan, Colomb.

ASAR Alice Springs 149.13 234 PKPbc 0.3mm, 0.4s, baz=107, slow=2.3, SNR=5.7

WRA Warramunga Arr 150.35 241 PKPbc 0.3mm, 0.4s, baz=107, slow=2.3, SNR=5.7

IDC 22 02:02:49.3±16.0, 23°49N, 141°71E, h0km, mb4.0/6, mbtmp4.0/6, Error ellipse: s-maj=489.9km s-min=90.0km az=4.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kurchatov Arra, BVAR Borovoye Array, ARCES ARCES Array B, FINES FINESS Array B, HFS Hagfors.

HLW 22 02:04:08.5±27.44N, 34°63E, h8km, 1km, M3.2

SGS 22 02:04:11.1, 27°54N, 34°62E, h7km, M2.7

GII 22 02:04:12.1±0.0, 27°518N, 0°02'34.523E, 0°01, h0km, Mvs2.7, confirmed

ISC 22 02:04:08.3±1.4, 27.45N, 0°03'34.58E, 0°03, h13km, 11km, n49, ±988/65, Red Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tor 1, RSHS, Almuwaylih, KRABS, Safaga, Ayunah, Al Bad, Jabal Katrina, Tor 2, WTBKS, NQSR, DESA, SHRE, JLOS, NUW, HAQS, HRDS, HBST, JMBOS, HOLS, TBKS, NADS, BIDS, EIL, EWJHS, YTVT, HRFI, ASUT, URD14, NEDF, GLABS, HAGS, NBNS, ZFRI, RMNI, TMHRE, KZIT, BRNS, MSBI, MSBI, GHJAJ, NAHD, KASR, AMAZ, NNMR, MZS, MZS, SLTI, MLI, MLI, MMA0B.

IDC 22 02:08:56.3±2.4, 3°84N, 128°55E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=193.3km s-min=23.4km az=69.0

DJA 22 02:09:13.8±0.5, 3°N, 5°12'8E, h148km, 5km, M4.1/18, mb5.2/3, mb4.1/7, MLV4.1/18, Mw(M)4.6/3

ISC 22 02:09:14.1±1.0, 3.23N, 0°07'127.95E, 0°08, h150km, n14, ±131/18, mb3.4/4, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Galela, Maluku, Ternate, Manado, Don Marcelino, Sorong, Gorontalo.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sanana, Namlea, Manokwari, Fak Fak, Warramunga Arr, Makanchi Array, Kurchatov Arra.

IDC 22 02:32:38.4±1.5, 7°04S, 131°58E, h0km, mb3.7/2, mbtmp3.7/5, ML3.9/3, Error ellipse: s-maj=38.1km s-min=15.7km az=85.0

DJA 22 02:32:40.0±0.8, 7°S, 3°13'1E, h22km, 8km, M4.1/10, mb5.0/2, mb4.2/2, MLV4.1/10, Mw(M)4.3/2

ISC 22 02:32:39.5±1.0, 7°10S, 0°06'131.4E, 0°2, h10km, n8, ±3812/9, Tanimbar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Saumlaki, Bandanaira, Fak Fak, Fitzroy Crossi, Warramunga Arr, Alice Springs, Makanchi Array, Kurchatov Arra.

IDC 22 02:33:06.7±2.8, 7°85S, 148°07E, h89km, 22km, mb3.7/9, mbtmp4.1/11, MS3.1/1, Error ellipse: s-maj=41.2km s-min=19.6km az=96.0

NEIC 22 02:33:07.2±1.7, 7°82S, 0°09'147.8E, 0°1, h80km, 8km, mb4.2/12, Error ellipse: s-maj=23.0km s-min=9.3km az=118.0

ISC 22 02:33:08.7±0.5, 7°84S, 0°06'147.72E, 0°08, h100km, n50, ±121/9, mb4.1/12, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, MTSU Mount Surprise, TATA Tamba Isabel, TATA Tamba Isabel, CTA Charters Tower, CTA Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Kuitpie, WRA Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, HTT Hallett, FORT Forrest, MJAR Matushiro Arr, MJAR Matushiro Arr, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, PETK Petropavlovsk, WND Vanda, MKAR Makanchi Array, MKAR Makanchi Array, BOOM Boomsokoye ush, BOOM Granite Mount, H17K Granite Mount, H17K Kurchatov Arr, E19K Redstone River, E19K Indian Mount, ILAR Eielson Array, O28M Mount Outpost, BELA Belgrano 2, AB31 Belknap array, AB31 Kurchatov Arr, ABKAR Akbulak array, TORO Torodi Ar, Beas, TORO Torodi Ar, Beas.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like H10S2 ASCENSION HYDR0, SCH0 Schefferville, CPUP Villa Florida, etc.

MAN 22 04:14:50.6:4.4, 21.59N:143.16E, h406km, 48km, mb2.9/6, mblmp3.9/7, Error ellipse: s-maj=8.5km s-min=18.5km az=82.0

ISC 22 04:14:50.2:2.4, 21.6N:02.1431E:0.7, h400km, n7, c0457/7, mb3.2/6, Mariana Islands region

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like JHJ Hachijo jima 2, WRA Warramunga Arr, MKAR Makanchi Array, etc.

MAN 22 04:24:04.0, 5.65N:126.55E, h84km, MS3.6

ISC 22 04:24:06.2:5.7, 6.12N:126.97E, h109km, 45km, mb3.6/7, mblmp3.9/7, Error ellipse: s-maj=129.2km s-min=13.8km az=64.0

NEIC 22 04:24:09.1:1.5, 5.84N:0.10:126.4E:0.2, h124km, 9km, mb4.3/10, Error ellipse: s-maj=25.5km s-min=12.3km az=72.0

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like DDMP Don Marcelino, GSHP General Santos, DAV Davao City (W), etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like BUKP Cagayan de Oro, TOLIZ Tolitoli, LUWI Luwuk, etc.

MAN 22 04:26:50.0, 6.37N:126.73E, h73km, MS4.5
MAN INTENSITY II - CITY OF MATI MANAY AND TARRAGONA DAVAO ORIENTAL.
GFZ 22 04:26:51.8:0.4, 7.7N:4.12E, h42km, M4.7/12, mb4.8/12

DJA 22 04:26:53.8:0.4, 7.7N:4.12E, h51km, 4km, M4.8/48, mb5.0/48, mb5.3/18, MLV5.0/12, Mw(mB)4.8/18

ISC 22 04:26:54.6:1.4, 6.39N:126.49E, h73km, 11km, mb3.9/19, mblmp4.2/19, MS3.1/16, Error ellipse: s-maj=25.2km s-min=11.0km az=71.0

NEIC 22 04:26:54.4:2.1, 6.49N:0.07:126.51E:0.9, h63km, 6km, mb4.6/38, Error ellipse: s-maj=14.2km s-min=8.4km az=54.0

ISC 22 04:26:53.6:0.8, 6.50N:0.04:126.66E:0.06, h59km, 7km, n146, r1950/138, mb4.5/43, MS3.1/17, Mindanao

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like DDMP Don Marcelino, DAV Davao City (W), DAV Davao City (E), etc.

MAN 22 04:26:54.4:2.1, 6.49N:0.07:126.51E:0.9, h63km, 6km, mb4.6/38, Error ellipse: s-maj=14.2km s-min=8.4km az=54.0

ISC 22 04:26:53.6:0.8, 6.50N:0.04:126.66E:0.06, h59km, 7km, n146, r1950/138, mb4.5/43, MS3.1/17, Mindanao

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like DDMP Don Marcelino, GSHP General Santos, DAV Davao City (W), etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like WBSI Waikabubak, PLAI Plampang, PLAI Plampang, etc.

MAN 22 04:26:50.0, 6.37N:126.73E, h73km, MS4.5

MAN INTENSITY II - CITY OF MATI MANAY AND TARRAGONA DAVAO ORIENTAL.
GFZ 22 04:26:51.8:0.4, 7.7N:4.12E, h42km, M4.7/12, mb4.8/12

DJA 22 04:26:53.8:0.4, 7.7N:4.12E, h51km, 4km, M4.8/48, mb5.0/48, mb5.3/18, MLV5.0/12, Mw(mB)4.8/18

ISC 22 04:26:54.6:1.4, 6.39N:126.49E, h73km, 11km, mb3.9/19, mblmp4.2/19, MS3.1/16, Error ellipse: s-maj=25.2km s-min=11.0km az=71.0

NEIC 22 04:26:54.4:2.1, 6.49N:0.07:126.51E:0.9, h63km, 6km, mb4.6/38, Error ellipse: s-maj=14.2km s-min=8.4km az=54.0

ISC 22 04:26:53.6:0.8, 6.50N:0.04:126.66E:0.06, h59km, 7km, n146, r1950/138, mb4.5/43, MS3.1/17, Mindanao

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like MBWA Marble Bar, GSI Gunungstilog, CMAR Chiang Mai Arr, etc.

MAN 22 04:26:50.0, 6.37N:126.73E, h73km, MS4.5

MAN INTENSITY II - CITY OF MATI MANAY AND TARRAGONA DAVAO ORIENTAL.
GFZ 22 04:26:51.8:0.4, 7.7N:4.12E, h42km, M4.7/12, mb4.8/12

DJA 22 04:26:53.8:0.4, 7.7N:4.12E, h51km, 4km, M4.8/48, mb5.0/48, mb5.3/18, MLV5.0/12, Mw(mB)4.8/18

ISC 22 04:26:54.6:1.4, 6.39N:126.49E, h73km, 11km, mb3.9/19, mblmp4.2/19, MS3.1/16, Error ellipse: s-maj=25.2km s-min=11.0km az=71.0

NEIC 22 04:26:54.4:2.1, 6.49N:0.07:126.51E:0.9, h63km, 6km, mb4.6/38, Error ellipse: s-maj=14.2km s-min=8.4km az=54.0

ISC 22 04:26:53.6:0.8, 6.50N:0.04:126.66E:0.06, h59km, 7km, n146, r1950/138, mb4.5/43, MS3.1/17, Mindanao

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like MORW Morawa, FOR FORT, USRK Ussuriysk Arr, etc.

22d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various signal strength indicators (P, S, A, M, L, R, I, B, O, F, G, D, Z, V, S, U, D, K, A, N, M, I, M, A, N, T, K, T, S, S, K, C, X).

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various signal strength indicators (P, S, A, M, L, R, I, B, O, F, G, D, Z, V, S, U, D, K, A, N, M, I, M, A, N, T, K, T, S, S, K, C, X).

AFAD 22 04:31:24.3, 39°22'N, 28°09'E, h7km, 2km, ML1.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various signal strength indicators (P, S, A, M, L, R, I, B, O, F, G, D, Z, V, S, U, D, K, A, N, M, I, M, A, N, T, K, T, S, S, K, C, X).

GLI 22 04:31:48.6, 0.0, 38°07'N, 0°00'22.015E, 0.001, h0km, Mws4.2, confirmed
IDC 22 04:31:53.1, 0.5, 38°13'N, 22°09'E, h0km, mb4.0/18, mbtmp4.0/28, ML3.6/7, MS3.4/19, Error ellipse: s-maj=10.3km s-min=8.8km az=37.0
MOS 22 04:31:54.1, 1.1, 38°10'N, 21°99'E, h18km, mb4.7/12, Error ellipse: s-maj=6.6km s-min=4.1km az=81.4
THE 22 04:31:55.6, 38°1'N, 0°5'22.0E, 0.5, h18km, ML4.1/25, ML1.1/25
NEIC 22 04:31:55.5, 2.4, 38°12'N, 0°03'22.0E, 0.05, h10km, 1km, mb4.5/25, Error ellipse: s-maj=7.9km s-min=3.8km az=236.0
ATH 22 04:31:55.1, 38°07'N, 22°00'E, h23km, ML4.2/59, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km
PDG 22 04:31:55.6, 1.1, 38°06'N, 22°00'E, h13km, 1km, ML4.0/10, Error ellipse: s-maj=1.2km s-min=1.3km az=0.0
GFZ 22 04:31:56.9, 0.2, 38°12'N, 2°2'22.0E, 1, h10km, M4.2/30, mb4.4/30
NAO 22 04:31:56.9, 38°08'N, 21°99'E, h33km, MB4.3

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AFAD 22 04:31:57.0, 38°20'N, 22°26'E, h40km, 14km, MW3.9
ISC 22 04:31:55.4, 0.5, 38.08N, 0°01'21.99E, 0.01, h18km, 2km, n474, r161/549, mb3.4/34, MS3.5/14, 18C-15D, Greece

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various signal strength indicators (P, S, A, M, L, R, I, B, O, F, G, D, Z, V, S, U, D, K, A, N, M, I, M, A, N, T, K, T, S, S, K, C, X).

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Table with columns: LKR, Lokris, Azimuth, Phase ID, Time, Res, and various signal strength indicators (P, S, A, M, L, R, I, B, O, F, G, D, Z, V, S, U, D, K, A, N, M, I, M, A, N, T, K, T, S, S, K, C, X).

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GVD, GOAD, MMB, PHP, PPH, PSH, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BEHE, BR131, BRTR, BRTR, CEY, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MSBI, RMNI, ANN, ANN, HRFI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WIAZ Waiheke Island, MWZ Matawai, RTZ Ruatahunu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KLR Kul'dur, H1N12 WAKE ISLAND, etc.

TXAR 0.9nm,0.4s Lajitas Array 77.70 60 P 06 06 20.8 0.0
0.2nm,0.5s,baz=297,slow=4.4,SNR=7.8
0.2nm,0.5s

ISC 22 06:26:45.4, 1.0, 4.15N, 62.772E, h0km, mb3.8/10,
mtbmp3.8/10, MS3.6/42, Error ellipse: s-maj=31.2km
s-min=22.5km az=24.0

GCMT 22 06:26:46.9, 0.4, 3.95N, 0.04:63.06E:0.04, h28km, 1km,
MV4.8/73, Moment Tensor Solution. s18,c20; s73,c95;
Duration: 0 Moment tensor: Scale 1016Nm; Mr-1.88; 19;
Mw-1.65; 13; Mw-0.22; 11; Mw-0.20; 18; Mw-0.83; 08;
Mw-0.91; 17; Best double couple: M2, 16300x10^16
NP1: s94, 0.0000; b47, 0.0000; k-123, 0.0000; NP2:
q3: 217, 0.0000; s32, 0.0000; l-60, 0.0000; Principal axes:
T 2.0460, P 3.0000; Azm26.0000; N 0.2320;
Plg23.0000; Azm17.0000; P-2.2800, Plg67.0000;
Azm288.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

NEIC 22 06:26:47.9, 1.6, 4.2N, 62.8E:0.1, h10km, 1km,
mb4.4/13 Error ellipse: s-maj=20.1km s-min=17.5km
az=141.0

ISC 22 06:26:47.0, 0.6, 4.14N, 0.09:62.78E:0.10, h10km, n75,
o566/30, mb4.1/15, MS3.6/41, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like M5EY Mahe Island, DGAR Diego Garcia, PALK Palikele, 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, YAK Yakutsk, etc.

GII 22 06:29:48.3, 0.0, 2.7:62.9N:3.001:33.746E:0.001, h0km,
Mws3.8, confirmed

SGS 22 06:29:54.4, 27.90N:34.64E, h12km, M1.2,
HLW 22 06:29:54.4, 27.90N:34.69E, h18km, 2km, Md2.1, M1.2

ISC 22 06:29:54.1, 1.2, 2.788N:0.04:34.68E:0.04, h16km, n18,
o590/25, Red Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like RSHS, KRABS, AYUS, etc.

ISK 22 06:40:09.5, 33.45N:28.04E, h5km, ML3.3/18
GII 22 06:40:10.7, 0.0, 33:697N:0.001:28.107E:0.001, h0km,
Mws3.3, confirmed

AFAD 22 06:40:19.8, 34.28N:28.09E, h7km, 5km, ML2.6,
ISC 22 06:40:12.6, 1.5, 33.90N:0.05:28.21E:0.05, h12km, 10km,
n77, r-194/84, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KARP Karpathos, ZKR Zakros, ARG Arkhangelos, etc.

Table with columns: Station, Name, Az, El, P, S, SNR, and various other parameters. Includes stations like KDTR, MTRV, GRL, RUS, etc.

Table with columns: Station, Name, Az, El, P, S, SNR, and various other parameters. Includes stations like H1N13, HHC, SONM, TLY, etc.

Table with columns: Station, Name, Az, El, P, S, SNR, and various other parameters. Includes stations like KBZ, AKASG, AKAG, etc.

IDC 22 07:13:28.5-4.2,36:66N*71:03E, h0km, mb3.9/3, mbmp4.0, ML3.6/6, Error ellipse: s-maj=63.9km

ISC 22 07:13:36.1-2.6,36:38N,0-2:71:0E,0.1, h150km, n19, c24120, mb3.8/3, 1C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, El, P, S, SNR, and various other parameters. Includes stations like UCH, EKS2, KK31, etc.

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22d 8h

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mount Harif, Maricunga, Tinogasta, Copiapo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASCension, H10N2, H10N1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SMBT, CANS, KOOLE, etc.

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like PSARD Sardoal, POGA Pongola, PCBR Castelo Branco, etc.

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like FDMO Fiordimonte, LK2D Lefkada island, KEK Kerkira, etc.

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like BFO Black Forest, BFO BFO, BFO BFO, etc.

22d 8h

Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 09 15 16.7).

2020 AUG

Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., WES Weston, UNH University of New Hampshire, PKME Peaks-Kenny Pk).

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Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., CFNY, WSAR Wadi Sarin, Y57A Summit).

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Lovozero, Union, QSPA, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Batken, Pawnee Station, KSU1, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, O20A, RLMT, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like COLA College, GRNC Granite Creek, WRH Wood River Hill, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like R16K Pilot Point, QIZ Qiongzong, SEY Seymchan, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like CRIN San Cristobal, CNCH Conchagua, WRH Wood River Hill, etc.

CATAC 22 08:40:29.6i,0.3, 12°N,2'x8'8W, h28km, M4,2/34, MLv4,2/34, Error ellipse: s-maj=4.9km s-min=2.1km az=38.4, confirmed

MNK	Minsk	70.27	24	i	P	10 32 49.0	-1.2
MNK						10 33 10.2	
MNK						10 35 24.5	
MNK						10 37 06.6	
MNK						10 42 02.1	
MNK	comp=N,10.0nm,0.9s						
MNK	comp=E,17nm,0.9s						
MNK	comp=Z,29nm,0.8s						
MNK	comp=Z,530nm,17.0s						
MNK	comp=N,434nm,16.0s						
MNK	comp=E,325nm,14.0s						
HFS	Hagfors	70.32	14	P	P	10 32 40.2	-2.8
HFS	comp=E,3.2nm,0.5s,baz=198,slow=4.1,SNR=12						
HFS	LR					11 05 52.8	
SYO	Syowa Base	70.51	162j	eP	P	10 32 42.0	-2.1
SYO	Syowa Base	70.51	162j	eP	P	10 33 01.8	-3.5
NB2	NORSAR Subarra	70.58	12	P	P	10 32 43.8	-0.8
NOA	NORSAR Array B	70.58	12	P	P	10 32 44.4	-0.2
NOA	comp=Z,1.0nm,0.8s,baz=219,slow=9.1,SNR=1.9						
GNI	Garni	70.87	43	LR	LR	11 05 25.2	
GGN	Saint George	71.00	323	Iamb	Iamb	10 32 49.0	
EMMW	East Machias	71.16	322	IAMS_20	IAMS_20	10 56 38.5	
SHA1	Shidzhatmaz	71.24	39f	eP	P	10 32 49.0	-0.2
KIV	Kislovodsk	71.36	39	eS	P	10 32 50.4	+0.6
KIV						10 42 08.1	+0.4
KIV						10 46 43.7	+1.2
KIV	comp=Z,29nm,1.1s						
KIV	comp=Z,27nm,1.2s						
KBZ	Khabaz	71.38	39	P	P	10 32 48.3	-1.4
KBZ	comp=Z,2.1nm,0.7s,baz=236,slow=11,SNR=4.6						
KBZ	comp=Z,2.1nm,0.7s						
KBZ	comp=Z,39nm,0.9s						
G65A	Princeton	71.48	323	IAMS_20	IAMS_20	10 57 23.0	
BELA	Belgrano 2	71.57	185	P	P	10 32 50.8	+0.4
M65A	Busby	71.64	318	IAMS_20	IAMS_20	11 00 46.3	
BATG	Bathurst New B	71.70	325	P	P	10 32 50.5	-1.2
BATG	comp=Z,25nm,1.1s						
BORG	Borgarnes	72.01	356	P	P	10 32 53.9	+0.8
BORG	comp=Z,7.3nm,0.9s,baz=185,slow=2.3,SNR=4.7						
BORG	LR					10 59 38.7	
F64A	Sherman	72.29	323	Iamb	Iamb	10 32 57.9	
F64A	comp=Z,35nm,1.3s						
F64A	comp=Z,1.1nm,22.0s						
WVL	Waterville	72.44	321	IAMS_20	IAMS_20	10 57 36.4	
WVL	comp=Z,847nm,20.0s						
WES	Weston	72.47	319	IAMS_20	IAMS_20	11 01 14.2	
PKME	Peaks-Kenny Pt	72.56	322	IAMS_20	IAMS_20	10 56 44.7	
HRV	Adam Dziewonski	72.68	319	IAMS_20	IAMS_20	11 01 36.8	
HRV	comp=Z,673nm,19.0s						
HRV	Adam Dziewonski	72.68	319	P	P	10 32 55.4	-2.2
VSU	Vasula	72.76	21deP	P	P	10 33 00.7	+3.0
VSU	comp=Z,47nm,0.9s						
I62A	Tamworth	73.17	320	Iamb	Iamb	10 33 02.8	
I62A	comp=Z,93nm,1.4s						
I62A	comp=Z,29nm,1.2s						
K62A	Royalston	73.19	318	Iamb	Iamb	10 33 12.3	
K62A	comp=Z,25nm,1.9s						
VORD	Divnogorie	73.21	31	eP	P	10 33 02.8	+2.2
VORD	comp=Z,50nm,1.0s						
VSR	Storzhevoye	73.29	31	eP	P	10 33 02.9	+1.9
VSR	comp=Z,50nm,1.0s						
G62A	West of Eustis	73.30	321	IAMS_20	IAMS_20	10 59 22.3	
D62A	Allapoint, All	73.33	324	Iamb	Iamb	10 33 02.9	
D62A	comp=Z,18nm,1.2s						
H62A	Milan	73.38	321	Iamb	Iamb	10 33 28.4	
H62A	comp=Z,24nm,1.3s						
H62A	comp=Z,762nm,22.0s						
L61B	Northampton	73.39	318	IAMS_20	IAMS_20	11 01 38.7	
S61A	Accomac	73.49	313	IAMS_20	IAMS_20	10 56 54.2	
R61A	Willards	73.50	313	IAMS_20	IAMS_20	10 58 32.5	
VORR	Voronezh	73.58	31	eP	P	10 33 04.9	+2.2
VORR	comp=Z,10.0nm,1.0s						
O60A	Indiantown	73.58	301	IAMS_20	IAMS_20	10 56 33.8	
O60A	comp=Z,794nm,21.0s						
P61A	Hammonton	73.65	315	IAMS_20	IAMS_20	10 58 01.5	
HNH	Hanover	73.70	319	IAMS_20	IAMS_20	11 00 51.8	
J61A	Chester	73.71	319	Iamb	Iamb	10 33 14.8	
J61A	comp=Z,18nm,1.1s						
LBNH	Lisbon	73.72	320	IAMS_20	IAMS_20	11 04 57.2	
JTS	Las Juntas de	73.84	283	LR	LR	11 04 22.9	
LPSR	Galich'ya Gora	73.98	30	eP	P	10 33 08.9	+3.9
LPSR	comp=Z,49nm,0.9s						
MAK	Makhachkala	73.99	42c	iP	P	10 33 01.3	-4.0
MAK						10 35 46.7	
MAK						10 42 31.2	-2.7
MAK	comp=Z,130nm,1.0s						
ODNJ	Ogdensburg	74.10	316	Iamb	Iamb	10 35 09.3	
TRY	Troy	74.17	318	Iamb	Iamb	10 33 08.6	
MCVT	Midlebury Col	74.27	319	Iamb	Iamb	10 33 18.5	
LMQ	La Malbaie	74.32	324	P	P	10 33 05.6	-1.5
UOS	Minazif	74.35	62	P	P	10 33 07.2	-0.7
OBN	Obninsk	74.38	27	eP	P	10 33 10.4	+3.1
OBN						10 33 22.3	
OBN	comp=Z,24nm,1.0s						
OBN	comp=Z,761nm,19.0s						
OBN	comp=Z,668nm,20.0s						
FLET	Fletcher	74.59	320	P	P	10 33 07.5	-1.3
T59A	Double "B" Far	74.61	31	P	P	10 33 08.2	-0.9
VRH	Novokhoporsky	74.62	32	eP	P	10 33 10.4	+1.6
VRH	comp=Z,10.0nm,0.9s						
FINES	FINES Array B	74.81	18	P	P	10 33 08.0	-1.7
FINES	comp=Z,4.8nm,0.9s,baz=215,slow=9.5,SNR=8.5						
FINES	LR					11 08 22.3	
FINES	comp=Z,482nm,18.5s,baz=234,slow=38						
FINES	comp=Z,4.8nm,0.9s						
FINES	FINES Array B	74.81	18	eP	P	10 33 11.1	+1.4
FINES	comp=Z,2.0nm,0.5s						
FINES	FINES Array B	74.81	18	P	P	10 33 08.2	-1.5

FIA1	FINES Array S	74.81	18	P	P	10 33 09.8	+0.1
L59A	Walton	74.86	317	Iamb	Iamb	10 33 25.1	
CBN	Corbin Fredri	74.93	313	IAMS_20	IAMS_20	10 57 48.3	
J59A	Piesco	75.04	318	IAMS_20	IAMS_20	11 02 50.3	
LDAO	Lac Daran	75.06	324	Iamb	P	10 33 10.1	-1.5
KSPA	Keystone Colle	75.10	316	Iamb	Iamb	10 33 26.1	
MOS	Moscow	75.24	27	eP	P	10 33 12.3	0.0
MOS	comp=Z,30nm,0.8s						
NHSC	New Hope	75.30	307	IAMS_20	IAMS_20	10 58 12.2	
V58A	Windy Hill, Pi	75.37	310	IAMS_20	IAMS_20	10 59 58.9	
N58A	Sunbury	75.47	315	IAMS_20	IAMS_20	10 59 08.5	
BINY	Binghamton	75.50	317	P	P	10 33 15.7	+1.5
LONY	Lake Ozonia	75.59	320	IAMS_20	IAMS_20	11 03 28.7	
257A	Skidaway Isan	75.62	305	IAMS_20	IAMS_20	10 58 40.0	
CFNY	Clifton-Fine,	75.70	319	Iamb	Iamb	10 33 17.2	
Y57A	Sunbury	75.76	308	IAMS_20	IAMS_20	10 58 38.4	
P57A	Homestead Farm	75.87	314	Iamb	Iamb	10 33 18.7	
P57A	Marinton	75.87	314	IAMS_20	IAMS_20	11 00 05.2	
M57A	Sunshine Farm	75.95	316	IAMS_20	IAMS_20	10 59 25.3	
456A	Hilliard	76.06	304	IAMS_20	IAMS_20	11 05 00.3	
SSPA	Standing Stone	76.21	315	IAMS_20	IAMS_20	10 59 39.8	
TRQ	Mont Tremblant	76.27	321	Iamb	Iamb	10 33 29.4	
SCHO	Schefferville	76.32	331	P	P	10 33 16.7	-1.9
SCHO	comp=Z,5.1nm,0.9s,baz=127,slow=6.6,SNR=4.1						
SCHO	LR					11 01 39.0	
L56A	Greenwood	76.55	316	Iamb	Iamb	10 33 31.3	
L56A	comp=Z,2.08nm,22.0s						
Q56A	Snyder Ridge	76.56	313	Iamb	Iamb	10 33 35.4	
Q56A	comp=Z,1.5nm,0.9s						
KMSC	Kings Mountain	76.86	308	Iamb	Iamb	10 33 33.0	
KMSC	comp=Z,14nm,1.0s						
R55A	Masterton	76.97	312	IAMS_20	IAMS_20	10 59 32.5	
V55A	Taylorville	76.99	309	Iamb	Iamb	10 33 34.1	
V55A	comp=Z,1.1nm,21.0s						
DELO	Deloro Mine	77.52	318	Iamb	Iamb	10 33 36.4	
TIGA	Tifton	77.55	304	IAMS_20	IAMS_20	11 01 00.8	
U54A	Nelsons Funny	77.67	310	Iamb	Iamb	10 33 41.4	
U54A	comp=Z,7.1nm,22.0s						
S54A	Dings Beckl	77.70	311	Iamb	Iamb	10 33 37.5	
Q54A	Coxs Mills	77.74	312	IAMS_20	IAMS_20	10 59 46.7	
O54A	Avella	77.82	314	IAMS_20	IAMS_20	11 02 42.8	
MAW	Mawson	77.98	158	P	P	10 33 29.9	+2.3
MAW	comp=Z,2.2nm,0.7s,baz=301,slow=7.0,SNR=8.9						
MAW	LR					11 00 27.8	+0.2
MAW	comp=Z,514nm,21.5s,baz=296,slow=30						
MAW	comp=Z,2.4nm,0.7s						
MAW	MAW	77.98	158	P	P	10 33 28.5	+0.9
MAW	comp=Z,1.0nm,0.9s						
MAW	MAW	77.98	158	P	P	10 33 28.4	+2.8
MAW	comp=Z,2.1nm,0.9s						
GOGA	Godfrey	78.02	306	IAMS_20	IAMS_20	10 59 55.1	
JMIC	Jan Mayen	78.05	1	LR	LR	11 02 42.3	
BG3	Lake Jocassee	78.06	308	Iamb	Iamb	10 33 44.7	
ALLY	Alegheny Colle	78.17	315	Iamb	Iamb	10 33 43.9	
V53A	Saluda	78.17	309	Iamb	Iamb	10 33 31.6	
V53A	comp=Z,28nm,1.5s						
P53A	Whippoorwill	78.31	313	IAMS_20	IAMS_20	10 59 54.0	
N53A	Lisbon	78.36	314	IAMS_20	IAMS_20	11 02 14.2	
BELG	Belogorovye	78.38	33	P	P	10 33 26.9	-3.1
BELG	comp=Z,39nm,1.0s,baz=210,slow=2,SNR=4.6						
BELG	Belogorovye	78.38	33c	eP	P	10 33 30.2	+0.2
O53A	New Philadelph	78.44	313	Iamb	Iamb	10 33 46.2	
Y52A	Liburn	78.62	307	Iamb	Iamb	10 33 43.1	
Y52A	comp=Z,24nm,1.1s						
SADO	Sadova	78.62	318	LR	LR	11 02 24.5	
Q52A	Bidwee	78.79	312	Iamb	Iamb	10 33 47.9	
SFJD	Kangerlussuaq	78.80	346	LR	LR	11 02 43.3	
SFJD	comp=Z,290nm,20.2s,baz=172,slow=32						
SFJD	Kangerlussuaq	78.80	346	P	P	10 33 32.9	+0.8
SFJD	comp=Z,1.6nm,1.4s						
152A	Waverly Hall	78.81	305	IAMS_20	IAMS_20	11 01 20.3	
O52A	Adamsville	78.85	313	Iamb	Iamb	10 33 44.5	
O52A	comp=Z,32nm,1.0s						
W52A	Murphy	78.87	308	Iamb	Iamb	10 33 48.3	
W52A	comp=Z,22nm,1.1s						
TKL	Tuckaleechee C	78.91	308	LR	LR	11 02 00.1	
M52A	Chesterland	78.98	315	IAMS_20	IAMS_20	11 01 55.6	
TZTN	Tazewell	79.00	309	IAMS_20	IAMS_20	11 02 30.2	
B							

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NRCA, DEV, FDMO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like FINESS, NC204, DBIC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like JMKN, JMYJ, BSO1, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GTOI, GTA2, GTA2, GZTA2, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZSN, ZSN, K13K, ZAAO, etc.

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

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Table with columns for station name, coordinates, elevation, and various codes. Includes stations like Montemonaco, SAN MARTINO, Montefalcone A, Monte Cornacci, Mosicchio (Ama), Norcia, Offida, Gualdo di Mace, Puro, Montotone, Sant'Angelo in, Fama, Cessapalombo, Pellescritta, Ripe San Gines, Montappone, Sellano, Leonessa, Monte Cavallo, Tortoreto Alta, Gran Sasso, Pievofavera, Gavelli, and others.

Table with columns for station name, coordinates, elevation, and various codes. Includes stations like Monte Orve, Montelago di S, L'Aquila, San Severino M, Capodarco di F Sefro, Piore, Gagliole, Villa Celiera, Arrone, Nocera Umbra, Foligno Prot C, Fagnano, Elicito, Fiamignano, Assisi San Ben, Giano nell'Umb, Monte Martano, Cesi, AVT-Casa Cast, Ancona, Arcevia, Montelago di S, Pietraquaria, and Monte Urbino.

Table with columns for station name, coordinates, elevation, and various codes. Includes stations like Monte Focis G, Frontone, S.Oreste - Sor, Introdacqua, Montecelio, AVT-Monte Val, Villa Valleion, Monte Paganucci, Montegabbione, Pleia, Guarino, Rocco di Cave, San Casciano di Badiali, Posta Fibreno, Barbarano Roma, Castiglione Fio, Lucera (FG) It, and Morici.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MORI, OT05, SGRT, NNLJ, HVAR, UDBI, etc.

NEIC 22 11:04:35.1 ± 1.2, 58.34N ± 0.02, 133.43W ± 0.02, h2km ± 7km, ML3.3(64), ML3.2(AEIC), Error ellipse: s-maj=3.3km, s-min=1.0km az=152.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JIS, R32K, BESE, etc.

NEIC 22 11:04:35.6 ± 1.0, 58.34N ± 0.02, 133.48W ± 0.03, h4km ± 6km, Error ellipse: s-maj=3.4km s-min=2.0km az=143.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SKAG, S31K, Petersburg, etc.

CATAC 22 11:17:50.9 ± 0.4, 9.3N ± 3.8' 4W ± 1.1, h10km ± 2km, M3.5/6, MLV3.5/6, Error ellipse: s-maj=7.1km s-min=3.4km az=46.0

UCR 22 11:17:51.5 ± 1.0, 9.24N ± 84.06W, h28km ± 2km, MW3.8, Presumed earthquake

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PURI, PAMP, LUJA, etc.

NEIC 22 11:21:44.4 ± 1.1, 21.93S ± 0.2, 179.17W ± 0.1, h565km ± 11km, mb4.025, Error ellipse: s-maj=22.8km s-min=14.0km

ICC 22 11:21:45.0 ± 1.5, 21.86S ± 179.18W, h569km ± 15km, mb3.2/8, mbtmp4.1/10, Error ellipse: s-maj=21.9km s-min=17.1km az=130.0

ISC 22 11:21:44.1 ± 0.5, 21.87S ± 0.08, 179.01W ± 0.09, h576km ± n5.0, #198/54, mb4.0/20, Fiji Islands region

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

22d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H21K Melozitna Rive, CCB Clear Creek Bu, CM31 Chiang Mai Arr, etc.

AEIC 22 11:30:16.4z 1.0, 5.2Z, 2N:0.2x175:0E:0.2, h78km, 9km, Error ellipse: s-maj=34, lrm s-min=8.0km az=202...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHEM Shemya Is, Ala, SMY Shemya, LSNW Little Sitkin, etc.

IDC 22 11:58:46.0z 0.9, 49.81Sx116:47W, h0km, mb3.8, mbtmp3.8, MS4.5/28, Error ellipse: s-maj=34.6km...

NEIC 22 11:58:48.5z 2.49, 90S:0.06:115:6W:0.3, h10km, 1km, mb4.8/20, Mws_20.0/30, Mwb5.7/14, Mww5.6/21, Error ellipse: s-maj=29.2km...

NEIC 22 11:58:48.5z 49:90S:115:62W, h10km, GMCT 22 11:58:51.6z 0.1, 49.71S:0.01:115:85W:0.01, h15km, MW5.6/155, Moment Tensor Solution...

NEIC 22 11:58:48.5z 49:90S:115:62W, h10km, s155:c299; Duration: 155 Moment tensor: Scale 1017Nm; Mn: 0.30z: 0.03, Mw: 1.7z: 0.03, Ms: 0.86z: 0.03...

NEIC 22 11:58:48.5z 49:90S:115:62W, h10km, Principal axes: T 2.9550, Plg8.0000, Azm325.0000; N -0.3300, Plg79.0000, Azm188.0000; P -2.6220, Plg7.0000, Azm57.0000...

ISC 22 11:58:47.1z 0.6, 49.85S:0.10:116:2W:0.1, h10km, n249, s182/34, mb4.5/15, MS4.9/203, 3D, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like USHA Ushuaia, LL05 Los Muermos, LR04 Corral, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MT05 Renca, MT13 San Alfonso, VA03 San Esteban, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELK Elko, HATO Hat Creek, MOD Modoc Plateau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for locations like Granite Mounta, KTH, CAST, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for locations like JAOM, JHCC, JHJC, etc.

RHSSO 22 12:11:35.6:0.3, 43.016N:18.26E, h8km, 2km, ML2.2/7 PDG 22 12:11:35.7:0.3, 43.016N:18.32E, h20km, MD3.3/5

ML3.2/13, Error ellipse: s-maj=0.5km s-min=0.6km az=0.0 BEO 22 12:11:36.2:0.3, 43.016N:18.34E, h13km, 2km, ML2.9/18 PRU 22 12:11:36.0:0.2, 43.030N:18.28E, h10km, 1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for locations like ARSA, ARSZ, ARSA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for locations like BLY, BLY, BLY, etc.

SOKA 0.1nm,0.1s,SNR=6.9 eSn Sn 12 13 30.9 -0.4

OBKA 0.3nm,0.2s 4.39 323 ePn Pn 12 12 44.4 +2.4

OBKA 4.0nm,0.4s Sn Sn 12 13 34.0 +1.2

ARSA Arzberg 1.6nm,0.4s,SNR=5.9 4.65 336 Pn Pn 12 12 47.1 +1.5

ARSA 3.1nm,0.5s eSn Sn 12 13 40.8 +1.6

DRGR RONa Rosalia, Austr 4.87 38 fPn Pn 12 12 48.6 0.0

RONa 1.8nm,0.3s,SNR=4.5 4.87 344 Pn Pn 12 12 49.6 +1.0

RONa 1.8nm,0.4s eSn Sn 12 13 46.0 +1.3

MYKA Terra Mystica 4.90 319 ePn Pn 12 12 51.0 +2.0

MYKA 1.6nm,0.4s eSn Sn 12 13 47.3 +2.0

MARR Marisad-Cluj 4.97 41 fPn Pn 12 12 50.6 +0.5

VIP Piskareto 5.00 12 fPn Pn 12 12 53.0 +1.5

CONA Conrad Observa 5.18 341 ePn Pn 12 12 54.5 +1.5

CONA 0.4nm,0.2s eSn Sn 12 13 53.1 +0.7

WINA Altand / Wiene 5.31 343 Pn Pn 12 12 56.3 +1.8

KBA Koelnbreinsper 5.36 320 Pn Pn 12 12 54.9 -0.6

KBA 2.1nm,0.3s,SNR=6.4 eSn Sn 12 13 58.7 +1.8

MODS Modra-Piesok 5.38 352 ePn Pn 12 12 57.1 +1.5

MODS 1.6nm,0.4s eSn Sn 12 12 55.2 -1.9

VYHS Vyhne 5.46 3 ePn Pn 12 12 58.6 +1.9

VYHS 0.1nm,0.1s,SNR=5.0 eSn Sn 12 12 59.9 +2.9

ABTA 1.2nm,0.2s eSn Sn 12 14 01.2 -0.2

MOA Walderau 5.59 331 Pn Pn 12 12 58.9 +0.4

MOA 3.2nm,0.4s,SNR=7.1 eSn Sn 12 14 02.5 +2.2

KECS Kecovo 5.64 15 ePn Pn 12 13 00.2 +1.0

KECS 0.8nm,0.2s eSn Sn 12 13 00.0 0.0

BIOA Bad Ischl, Aus 5.70 326 ePn Pn 12 14 06.9 +1.8

BIOA 1.9nm,0.4s Schwarzeotal 5.93 320 ePn Pn 12 13 05.0 +1.8

LESA 0.1nm,0.1s eSn Sn 12 14 12.6 +1.9

MAUC Maruska 6.33 357 eSn Sn 12 14 20.9 +0.3

WTTA Wattenberg 6.34 314 ePn Pn 12 14 08.8 -0.1

WTTA 0.3nm,0.2s eSn Sn 12 14 23.7 +2.7

WATA 0.5nm,0.1s 6.42 314 ePn Pn 12 13 12.2 +2.2

WATA 2.1nm,0.5s eSn Sn 12 14 23.0 +0.1

CKRC Cerny Krumlov 6.42 335 eSn Sn 12 14 22.0 -0.7

MOTA Moosalm 6.68 313 ePn Pn 12 13 15.6 +2.1

MOTA 0.1nm,0.1s eSn Sn 12 14 31.4 +2.2

FETA Feichtau 6.70 309 ePn Pn 12 13 13.5 -0.4

FETA 0.1nm,0.1s eSn Sn 12 14 29.8 0.0

KHC Kasperske Hory 6.93 333 eSn Sn 12 14 34.3 -0.9

IDC 22 13:00:45.3:7.5, 50.26N:156.13E, h108km, 65km, mb3.0/2, mbmp3.3/3, Error ellipse: s-maj=185.7km s-min=66.5km az=111.0

KRSC 22 13:00:59.6:1.7, 51.24N:157.68E, h131km, 14km, M13.9

ISC 22 13:01:01.1:1.4, 51.34N:109.157E, 0.10, h136km, 9km, n38,+1935/42, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for locations like PAU, PAU, PAU, etc.

IDC 22 12:11:09.3:0.9, 30.59N:141.57E, h0km, mb3.6/10, mbmp3.5/13, ML3.1/3, Error ellipse: s-maj=28.7km s-min=13.2km az=68.0

JMA 22 12:11:12.9:0.2, 31.12N:142.21E, h57km, MV3.6/12, NEAR TORISHIMA IS

ISC 22 12:11:15.3:0.7, 30.84N:141.6E:0.1, h37km, n26, +016/26, mb3.6/10, Southeast of Honshu

22d 18h

ASAR 0.3nm,0.6s
0.4nm,0.6s,baz=9.1,slow=6.3,SNR=11
0.4nm,0.6s

NEIC 22 17:22:51.4, 1.6, 58.34N, 0.01:133.51W, 0.02, h5km, 2km,
ML3.0/65, ML2.6(AEIC), Error ellipse: s-maj=3.0km
s-min=2.7km az=216.0
AEIC 22 17:22:51.5, 1.4, 58.34N, 0.02:133.49W, 0.03, h6km, 6km,
Error ellipse: s-maj=3.1km s-min=2.1km az=161.0
PGC 22 17:22:51.6, 58.32N, 133.50W, h1km, ML3.1/5,
ML3.0(NEIC), 52km east of Juneau, Alaska, Usa

ISC 22 17:22:51.0, 1.2, 58.34N, 0.03:133.48W, 0.02, h1km, 10km,
n74, 0.09/100, Southeastern Alaska

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

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Table with columns: M29M, Somme Creek, 4.80 331, Pn, 17 24 04.8 +0.4. Lists seismic events with station names and arrival times.

AEIC 22 17:49:54.1, 1.6, 54.72N, 0.05:160.61W, 0.05, h20km, 6km,
Error ellipse: s-maj=7.6km s-min=4.1km az=174.0
NEIC 22 17:49:53.4, 1.3, 54.66N, 0.04:160.68W, 0.05,
h21km, 11km, mb3.5/7, ML3.4/29, ML3.2(AEIC), Error
ellipse: s-maj=6.4km s-min=4.3km az=180.0, Alaska

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their parameters.

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Table with columns: DHY, Denali Highway, 10.87 34, Pn, 17 52 26.4 -1.2. Lists seismic events with station names and arrival times.

ISC 22 18:11:05.0, 3.0, 33.03S, 178.35W, h0km, mb3.6/2,
mbtmp3.7/3, ML3.7/1, MS3.3/1, Error ellipse:
s-maj=70.4km s-min=35.9km az=118.0, South of
Kermadec Islands

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their parameters.

DSN 22 18:40:24.7, 1.3, 28.20N, 56.62E, h10km, ML3.6/16, Error
ellipse: s-maj=16.7km s-min=8.8km az=60.0
NEIC 22 18:40:24.4, 1.1, 28.09N, 0.07:56.69E, 0.07, h10km, 1km,
mb4.0/26, Error ellipse: s-maj=11.4km s-min=8.0km
az=145.0

TEH 22 18:40:25.4, 28.06N, 56.87E, h18km, 20km, ML3.8,
Presumed earthquake
OMAN 22 18:40:28.5, 1.4, 27.83N, 56.84E, h10km, mb3.6/5,
mb3.9/20, Error ellipse: s-maj=10.2km s-min=8.5km
az=174.0

ISC 22 18:40:31.8, 6.6, 28.14N, 56.78E, h75km, 62km, mb3.6/21,
mbtmp3.9/23, ML4.0/2, MS3.2/9, Error ellipse:
s-maj=21.8km s-min=12.7km az=168.0

ISC 22 18:40:24.8, 1.4, 28.08N, 0.03:56.70E, 0.04, h17km, 9km,
n139, 0.18/6/158, mb4.0/33, MS3.2/8, Southern Iran

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various parameters. Includes stations like AFRZ, WBK, WBK, JMDO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various parameters. Includes stations like ARCES, HHC, EKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various parameters. Includes stations like WDK, EHYH, EHY, etc.

Table with columns: SGL, RMX, YUH, etc. and station names like La Rumorosa, Yuha Desert, etc.

Table with columns: KRSB, Kingsbay, etc. and station names like Kingsbay, Bjoirnoya, etc.

Table with columns: SKR, Severo-Kuril's, etc. and station names like Severo-Kuril's, Krutoberegovo, etc.

BER 22.02.52.24.3.75:84N;7:49E, h10km, Mw3.7, ML2.9(NAO), Confirmed Earthquake
NAO 22.02.52:28.4.1.7.75:91N;8:57E, h10km, ML2.8
ISC 22.02.52:23.3.1.1.75:87N;0:06.7:55E;0:07, h10km, n14, c=275/23, Greenland Sea

az=108.0
 GCMT 22:21:33.43.2.0.3.52.67S:0°01'.159.99E:0°03.h20km,1km,
 MW4.9/93, Moment Tensor Solution, s39,c49; s93,c135;
 Duration: 0. Moment tensor: Scale 10¹⁹N; Mw: 0.41±.13;
 Mw: 0.35±.11; Mw: 2.64±.10; Mw: 0.12±.18; Mw: 0.91±.08;
 Mw: 0.69±.23; Best double couple: Mw: 0.8100±.016
 NP1: 125.0000°, 677.0000°, -8.0000°. NP2:
 62.217.0000°, 882.0000°, -1.167.0000°. Principal axes:
 T: 3.2070, Plg4.0000°, Azm351.0000°; N: -0.2520,
 Plg75.0000°, Azm247.0000°; P: -2.9540, Plg15.0000°,
 Azm82.0000°; nst1 refers to body waves, cutoff=40s.
 nst2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

ISC 22:21:33.46.4.0.7.52.69S:0°08'.160°E:0°1'.h10km,m52,
 c2517/27,mb4.5/12,MS3.8/12,2C,Macquarie Island
 region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
MCQ	Macquarie Isla	2.02	306	Pn	21 34 07.3	-3.3
PYZ	Puysegur Point	7.58	34	Pn	21 35 29.2	+1.0
WHZ	Wether Hill Ro	8.37	39	P	21 35 39.1	+1.3
MLZ	Mavora Lakes	8.88	37	Pn	21 35 46.4	+1.6
RPZ	Rata Peaks	11.41	42	LR	21 39 52.3	
comp=Z,1.62nm,18.7s,baz=167,slow=37						
MAU	Macquarie's Vall	12.16	47	Pn	21 36 30.1	+1.3
TOZ	Tasmania Univ	13.18	313	Pn	21 36 42.2	-1.0
TOO	Toolangi	18.38	319	P	21 37 52.3	+1.0
comp=Z,1.8nm,1.4s						
URZ	Urewera	18.49	45	LR	21 45 06.0	
comp=Z,1.1m,18.3s,baz=224,slow=40						
CAN	Canberra	19.18	330	P	21 38 00.9	-0.1
comp=Z,1.4nm,0.7s,baz=140,slow=1.7,SNR=1.7						
STKA	St. Kilda	24.90	319	P	21 38 59.9	+0.5
comp=Z,2.57nm,19.7s,baz=176,slow=31						
STKA	St. Kilda	24.90	319	LR	21 46 34.8	
comp=Z,1.4nm,0.5s						
VNDA	Vanda	24.94	179	P	21 39 02.4	+3.1
comp=Z,1.4nm,0.7s,baz=344,slow=8.5,SNR=6.9						
VNDA	Vanda	24.94	179	P	21 38 58.5	-0.8
comp=Z,1.6nm,1.5s						
CTA	Charters Tower	34.36	336	LR	21 54 01.9	
comp=Z,1.04nm,18.1s,baz=192,slow=36						
ASAR	Alice Springs	35.32	315	P	21 40 32.2	+0.5
comp=Z,1.4nm,1.0s,baz=146,slow=6.7,SNR=6.7						
ASAR	Alice Springs	35.32	315	LR	21 53 54.5	
comp=Z,2.52nm,18.8s,baz=150,slow=34						
ASAR	Alice Springs	35.32	315	P	21 40 31.6	-0.1
AS31	Alice Springs	35.32	315	P	21 40 31.7	0.0
AS31	Alice Springs	35.32	315	Iamb	21 40 44.3	
comp=Z,2.0nm,1.1s						
H01W1	Cape Leeuwin H	37.11	280	T	22 19 52.8	
comp=Z,1.33nm,slow=75						
H01W2	Cape Leeuwin H	37.12	280	T	22 19 53.4	
comp=Z,1.33nm,slow=75						
H01W3	Cape Leeuwin H	37.13	280	T	22 19 54.2	
comp=Z,1.33nm,slow=75						
QSPA	South Pole Qui	47.33	180	P	21 40 52.4	+2.9
comp=Z,1.1nm,1.1s,baz=147,slow=8.4,SNR=7.5						
QSPA	South Pole Qui	47.33	180	LR	21 53 25.5	
comp=Z,1.97nm,2.1s,baz=37,slow=31						
QSPA	South Pole Qui	47.33	180	P	21 40 48.6	-0.9
MSVF	Nonsavu	37.51	28	LR	21 54 12.9	
comp=Z,1.98nm,18.5s,baz=142,slow=34						
WRA	Warramunga Arr	38.45	318	P	21 40 57.6	-0.7
comp=Z,1.1nm,0.8s,baz=153,slow=7.6,SNR=5.8						
WRA	Warramunga Arr	38.45	318	P	21 40 58.3	0.0
WB0	Warramunga Arr	38.58	318	P	21 41 06.9	
comp=Z,1.2nm,1.4s						
HNR	Honiara	43.13	359	LR	21 56 55.6	
comp=Z,1.44nm,19.0s,baz=285,slow=33						
FITZ	Fitzroy Crossi	43.92	308	P	21 41 43.0	-0.3
MAW	Mawson	44.51	212	P	21 42 01.7	+7.0
comp=Z,2.5nm,1.0s,baz=152,slow=8.2,SNR=4.7						
PPT2	Papeete2	52.28	67	eS	21 50 06.8	-6.4
comp=Z,1.20nm,30.8s						
PPT2	Papeete2	52.28	67	eLR	21 57 55.9	
PPT	Papeete	52.30	67	LR	22 02 08.6	
comp=Z,60nm,18.1s,baz=197,slow=34						
TROLL	Troll, Antar	54.64	188	P	21 43 06.5	+1.7
comp=Z,1.77nm,0.8s						
SNA4	Sanae	55.38	186	IP	21 43 14.1	+4.0
comp=Z,89nm,0.8s						
SNA4	Sanae	55.38	186	P	21 43 15.6	+5.5
comp=Z,8.5nm,1.1s,baz=171,slow=9.1,SNR=9.7						
SNA4	Sanae	55.38	186	P	21 43 08.8	-1.3
VNA3	Neumayer Olymp	56.17	184	IP	21 43 18.0	+2.3
comp=Z,7.4nm,0.8s						
VNA2	Neumayer-Watz	56.38	185	P	21 43 18.3	+1.2
comp=Z,4.8nm,0.8s,baz=158,slow=8.4						
VNA1	Neumayer-Stat	56.70	184	P	21 43 21.6	+2.2
comp=Z,1.5nm,0.9s						
KAPI	Kappang	58.09	310	LR	22 08 17.2	
comp=Z,9.7nm,18.2s,baz=109,slow=36						
H04S2	CROZET ISLANDS	62.27	227	T	22 53 46.5	
comp=Z,139,slow=75,SNR=482						
H04S1	CROZET ISLANDS	63.64	227	T	22 53 46.1	
comp=Z,139,slow=75,SNR=365						
H04S3	CROZET ISLANDS	63.66	227	T	22 53 46.0	
comp=Z,139,slow=75,SNR=366						
TAOE	Nuku Hiva Isla	64.68	70	eLR	22 03 59.6	
comp=Z,1.69nm,23.6s						
H03S2	Juan Fernandez	79.53	133	T	23 13 57.8	
comp=Z,21.1s,slow=74,SNR=492						
H03S1	Juan Fernandez	79.53	133	T	23 13 59.3	
comp=Z,21.0,slow=74,SNR=492						
H03S3	Juan Fernandez	79.53	133	T	23 13 58.5	
comp=Z,21.0,slow=74,SNR=492						
H08S2	Diego Garcia H	82.75	267	T	23 16 49.6	
comp=Z,142,slow=76,SNR=146						
H08S1	Diego Garcia H	82.76	267	T	23 16 49.2	
comp=Z,142,slow=76,SNR=77						
H08S3	Diego Garcia H	82.77	267	T	23 16 51.1	
comp=Z,142,slow=76,SNR=1788						
JNU	Nakatsue	89.27	336	LR	22 22 58.3	
comp=Z,1.4nm,18.8s,baz=148,slow=33						
PALK	Pallekele	89.57	293	LR	22 22 22.5	
comp=Z,2.0nm,19.3s,baz=136,slow=32						
KSRS	Korea Array	94.13	335	LR	22 29 18.1	
comp=Z,1.2nm,18.4s,baz=165,slow=36						

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
KHKI	Kahang-Kahang	0.65	218	Op	21 57 07.1	+1.5
KHKI	Kahang-Kahang	0.65	218	Pn	21 57 32.6	+0.3
KHKI	Kahang-Kahang	0.65	218	S	21 57 07.0	+0.7
SRBI	Singaraja	0.82	253	S	21 57 34.4	+0.9
SRBI	Singaraja	0.82	253	eS	21 57 34.4	+0.9
SRBI	Singaraja	0.82	253	Pn	21 57 34.4	+0.9
DNP	Denpasar	1.14	224	P	21 57 09.4	+1.4
DNP	Denpasar	1.14	224	S	21 57 36.7	0.0
DNP	Denpasar	1.14	224	eS	21 57 36.7	0.0
DNP	Denpasar	1.14	224	Pn	21 57 09.4	+1.4
RTBI	Rangdo, Negare	1.22	240	P	21 57 09.1	+0.6
RTBI	Rangdo, Negare	1.22	240	S	21 57 35.0	-2.8
RTBI	Rangdo, Negare	1.22	240	eS	21 57 35.0	-2.8
RTBI	Rangdo, Negare	1.22	240	Pn	21 57 09.1	+0.6
TSWI	Taliwang, Sumb	1.24	136	P	21 57 08.4	-0.2
TSWI	Taliwang, Sumb	1.24	136	S	21 57 35.0	-2.8
TSWI	Taliwang, Sumb	1.24	136	eS	21 57 35.0	-2.8
TSWI	Taliwang, Sumb	1.24	136	Pn	21 57 08.4	-0.2
IGBI	Denpasar	1.29	221	P	21 57 09.0	+0.1
IGBI	Denpasar	1.29	221	S	21 57 35.8	-2.6
IGBI	Denpasar	1.29	221	eS	21 57 35.8	-2.6
IGBI	Denpasar	1.29	221	Pn	21 57 09.0	+0.1
ABJI	Asem Bagus	1.76	271	P	21 57 13.4	+1.0
ABJI	Asem Bagus	1.76	271	S	21 57 40.3	-0.5
ABJI	Asem Bagus	1.76	271	eS	21 57 40.3	-0.5
ABJI	Asem Bagus	1.76	271	Pn	21 57 13.4	+1.0
JAGI	Jajag, Banyuw	1.94	251	P	21 57 13.5	-0.5
JAGI	Jajag, Banyuw	1.94	251	S	21 57 44.9	-2.5
JAGI	Jajag, Banyuw	1.94	251	eS	21 57 44.9	-2.5
JAGI	Jajag, Banyuw	1.94	251	Pn	21 57 13.5	-0.5
PLAI	Plampang	2.00	119	P	21 57 14.6	0.0
PLAI	Plampang	2.00	119	S	21 57 45.9	-2.5
PLAI	Plampang	2.00	119	eS	21 57 45.9	-2.5
PLAI	Plampang	2.00	119	Pn	21 57 14.6	0.0
DBNI	Kabupaten Domp	2.37	106	P	21 57 18.9	+0.9
DBNI	Kabupaten Domp	2.37	106	S	21 57 52.5	-1.8
DBNI	Kabupaten Domp	2.37	106	eS	21 57 52.5	-1.8
DBNI	Kabupaten Domp	2.37	106	Pn	21 57 18.9	+0.9
BLNI	Banyuglugur	2.39	272	P	21 57 19.2	+0.0
BLNI	Banyuglugur	2.39	272	S	21 57 48.4	+1.2
BLNI	Banyuglugur	2.39	272	eS	21 57 48.4	+1.2
BLNI	Banyuglugur	2.39	272	Pn	21 57 19.2	+0.0
KAPI	Kappang	4.66	53	P	21 57 49.4	+1.9
KAPI	Kappang	4.66	53	S	22 02 12.6	+1.3
KAPI	Kappang	4.66	53	eS	22 02 12.6	+1.3
KAPI	Kappang	4.66	53	Pn	21 57 49.4	+1.9
FITZ	Fitzroy Crossi	13.85	138	P	21 59 40.4	+1.9
comp=Z,1.8nm,0.4s,baz=315,slow=7.5,SNR=11						
FITZ	Fitzroy Crossi	13.85	138	S	22 02 12.6	+1.3
comp=Z,1.2nm,0.5s,baz=328,slow=23,SNR=6.3						
WRA	Warramunga Arr	21.45	126	P	22 01 00.1	-0.3
comp=Z,2.0nm,0.5s,baz=306,slow=9.5,SNR=29						
WRA	Warramunga Arr	21.45	126	PcP	22 04 52.3	-0.8
comp=Z,0.4nm,0.6s,baz=308,slow=1.9,SNR=2.3						
ASAR	Alice Springs	23.28	135	P	22 01 17.8	+0.7
comp=Z,2.2nm,0.7s,baz=314,slow=9.1,SNR=27						
ASAR	Alice Springs	23.28	135	PcP	22 04 56.5	-0.3
comp=Z,0.3nm,0.6s,baz=316,slow=2.1,SNR=2.7						
ASAR	Alice Springs	23.28	135	ScP	22 08 07.8	-2.6
comp=Z,0.2nm,0.5s,baz=298,slow=2.0,SNR=2.3						
STKA	Stephens Creek	33.75	339	P	22 02 50.4	+0.9
comp=Z,1.8nm,0.7s,baz=321,slow=9.1,SNR=2.9						
KSRS	Korea Array	46.42	13	P	22 04 33.4	+0.3
comp=Z,1.7nm,0.8s,baz=192,slow=7.9,SNR=6.8						
MJAR	Matsushiro Arr	48.83	24	P	22 04 50.4	-1.1
comp=Z,2.1nm,0.6s,baz=184,slow=9.2,SNR=8.3						
SONM	Songio Array	56.09	352	P	22 05 44.4	-0.2
comp=Z,0.8nm,0.7s,baz=177,slow=10,SNR=6.9						
MKAN	Makanchi Array	62.12	334	P	22 06 25.1	-0.6
comp=Z,0.6nm,0.5s,baz=157,slow=6.2,SNR=2.6						
CPUP	Villa Florida	145.42	191	PKPbc	22 15 41.2	+0.3
comp=Z,0.3nm,0.4s,baz=121,slow=5.9,SNR=3.1						

ISC 22:21:57:32.9:450.0,21.24S:69°54'W,h0km, Error ellipse:
 s-maj=198.7km s-min=105.8km az=19.0,Northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
I08B0	LAS PENAS INFR	5.10	12	Op	22 25 40.0	

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details. Includes stations like KTH, BMRM, BPBCA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details. Includes stations like G25L, P29M, G16K, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details. Includes stations like MKAR, MAKZ, AB31, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like CO03, RTLL, BI02, CO06, ACCO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like M31M, M29M, M27K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like VILB, LPAZ, LPAZ, etc.

NEIC 22:22:35.20.0.4, 5.8:32N.0.02x133.51W.0.03, h2km, 7km, ML2.9/52, ML2.5(AEIC), Error ellipse: s-maj=2.4km s-min=1.9km az=170.0

AEIC 22:22:35.20.4.1.7, 5.8:36N.0.02x133.53W.0.03, h1km, 11km, Error ellipse: s-maj=2.5km s-min=2.0km az=151.0

PGC 22:22:35.20.5.0.5, 5.8:33N.133.56W, h1km, ML2.8/6, ML2.6(AEIC), 49km east of Juneau, Alaska, Usa Southeastern Alaska

ISC 22:22:35.19.9.1.1, 5.8:34N.0.02x133.49W.0.02, h5km, 10km, n57, c096/61, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like JIS, JIS, R32K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like S32K, S32K, P32M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like P32M, P32M, S34M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like S34M, S34M, S34M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like S34M, S34M, S34M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like S34M, S34M, S34M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like S34M, S34M, S34M, etc.

CATAC 22:22:38.20.0.0.5, 7.3N.3.7W, h175km, 5km, M4.3/6, mb4.2/4, mB5.0/1, MLV4.3/6, Mw(mB)4.2/1, Error ellipse: s-maj=9.7km s-min=5.3km az=124.5, confirmed

IDC 22:22:38.23.0.0.7, 6.74N.72.92W, h163km, 7km, mb3.4/7, mbmp4.0/11, MS2.6/1, Error ellipse: s-maj=17.0km s-min=8.1km az=129.0

NEIC 22:22:38.23.4.2.1, 6.76N.0.06x72.95W.0.09, h161km, 7km, mb4.0/11, Error ellipse: s-maj=12.7km s-min=7.4km az=110.0

RSNC 22:22:38.24.4.0.0, 7.1N.1.7W, h150km, 1km, M4.2, mB5.0, mb4.7, ML3.7, Mw(mB)4.3

FUNV 22:22:38.25.2.7, 7.16N.73.28W, h1km, MW3.9, Presumed earthquake

ISC 22:22:31.9.0.6, 6.83N.0.03x73.10W.0.04, h155km, 5km, n96, c1875/143, mb3.8/10, Northern Columbia

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like BARC, BARC, PAMC, etc.

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

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

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

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

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

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

IDC 22:22:56.36.4.1.9, 22.47N.94.41E, h106km, 19km, mb3.5/3, mbmp3.8/16, Error ellipse: s-maj=25.3km s-min=12.3km az=42.0

NEIC 22:22:56.36.5.1.3, 22.60N.0.06x94.55E.0.06, h103km, 7km, mb4.2/11, Error ellipse: s-maj=9.6km s-min=7.6km az=221.0

NDI 22:22:56.36.8.2.9, 22.60N.93.91E, h10km, ML3.5, MW3.3, Presumed earthquake

ISC 22:22:56.36.0.0.7, 22.57N.0.06x94.37E.0.07, h106km, n45, c1858/54, mb3.9/20, Myanmar

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

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

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

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

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

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

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

23rd Oh

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, MLR Muntele Rosu, BURAR Bucovina Array, ASAR Alice Springs, FINES FINES Array B, etc.

MDD 22:23:10:16.1±1.2, 361°06'N-9°97'W, h0km, mb_Lg2.6/8, Error ellipse: s-maj=9.2km, s-min=7.7km, az=40.0

INMG 22:23:10:17.2±1.3, 35°90'N-10°13'W, h25km, ML1.4, Error ellipse: s-maj=8.4km, s-min=6.1km, az=91.0

CNMR 22:23:10:22.4, 35°37'N-9°52'W, h17km, Error ellipse: s-maj=9.2km, s-min=7.7km, az=40.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MORF Marletele, PTEO Sao Teotonio, PBDV Barranco-do-Ve, etc.

IDC 22:23:14:37.4±4.3, 177°25'S-178°50'W, h599km, ±22km, mb2.8/3, mbtmp3.7/4, Error ellipse: s-maj=107.8km

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

VNDA Vanda, 60.62 185 P, 23 23 51.1 +0.1

KRNET 22:23:27:13.7±0.1, 42°14'N-78°65'E, h18km, mb2.1, SOMET 22:23:27:13.6±4.2, 15°N-78°68'E, h15km

NNC 22:23:27:14.0±0.7, 42°22'N-78°79'E, h0km, mb2.9, mpv2.7, Error ellipse: s-maj=4.6km, s-min=2.3km, az=162.0

ISC 22:23:27:13.2±1.4, 42°14'N-78°76'E, h0km, ±11km, n25, ±11°43', 6C-10D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PRZ Przheval'sk, TARG Taragay, ANVS Anan'yevoy, etc.

2020 AUG

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

GCG 22:23:49:08.5±2.3, 15°70'N-92°48'W, h151km, ±18km, MD4.7, MW3.4, Presumed earthquake

CATAC 22:23:49:09.5±0.6, 16°1'N-9°39'W, h146km, ±5km, M3.6/6, MLv3.6/6, Error ellipse: s-maj=18.5km, s-min=5.2km

MEX 22:23:49:10.0±0.7, 15°64'N-92°54'W, h158km, ±6km, MD4.3, ISC 22:23:49:06.3±1.4, 15°63'N-06°92'57'W, ±0.04, h173km, ±10km, n44, ±27°17', Mexico-Guatemala border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PAVE Pavencul, PATR El Naranjo, PATR El Naranjo, etc.

IDC 23:00:26:00.4±57.0, 16°03'S-174°63'W, h0km, mb4.2/3, s-min=17.7km, az=78.0, Tonga Islands

STKA Stephens Creek, 42.70 240 P, 23 34 00.4 +1.1

WRA Warramunga Arr, 48.55 257 P, 23 34 45.0 -0.9

ASAR Alice Springs, 48.80 252 P, 23 34 47.5 -0.3

IDC 23:00:50:50.0±5.0, 16°20'S-173°07'W, h0km, ±10km, n190, ±19°28', mb4.7/4.5, MS3.6/2.3, 19C-13D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AF1 Afiamalu, AF1 Afiamalu, AF1 Afiamalu, etc.

DZM Mont Dzumac, 2.59 29 Pn, 23 50 23.6 +1.0

DZM Koumang, New Ca, 21.92 255 P, 23 50 32.8 -1.3

PPT Papeete, 22.52 97 LR, 23 50 40.0 -1.1

1312

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

IDC 23:00:26:00.4±57.0, 16°03'S-174°63'W, h0km, mb4.2/3, s-min=17.7km, az=78.0, Tonga Islands

STKA Stephens Creek, 42.70 240 P, 23 34 00.4 +1.1

WRA Warramunga Arr, 48.55 257 P, 23 34 45.0 -0.9

ASAR Alice Springs, 48.80 252 P, 23 34 47.5 -0.3

IDC 23:00:50:50.0±5.0, 16°20'S-173°07'W, h0km, ±10km, n190, ±19°28', mb4.7/4.5, MS3.6/2.3, 19C-13D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AF1 Afiamalu, AF1 Afiamalu, AF1 Afiamalu, etc.

DZM Mont Dzumac, 2.59 29 Pn, 23 50 23.6 +1.0

DZM Koumang, New Ca, 21.92 255 P, 23 50 32.8 -1.3

PPT Papeete, 22.52 97 LR, 23 50 40.0 -1.1

URZ Urewera, 21.63 200 LR, 23 50 41.5 +0.1

TOZ Tahuroa Rod, 23.70 203 P, 23 50 53.5 +0.9

BFZ Birch Farm, 26.10 199 P, 23 50 34.17 +0.2

HNR Honiara, 27.14 281 LR, 23 50 33.7 -0.4

EIDS Eidsvold, 34.65 249 P, 23 50 37.9 -2.4

ARM A Armadillo, 35.21 240 P, 23 50 33.1 -2.2

23d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like GYE3, AGU4, AC07, etc.

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Table with columns: PB16, IOPC Station P, BOAV, BOVA, BOVB, BOVC, BOVQ, BOVW, BOVX, BOVY, BOVZ, etc. Lists stations and their coordinates.

IDC 23 01:14:10.5:3.7.2.85S.140.26E, h0km, mb3.3/3, mbmtmp3.5/4, ML3.71, Error ellipse: s-maj=112.7km s-min=30.6km az=93.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WRA, FITZ, ASAR, MKAR, etc.

1314

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ARPR, KOVA, DYBB, etc.

NEIC 23 01:18:11.0:1.4.5.7S:0.1:154.5E:0.1, h127km, 8km, mb4.2/19, Error ellipse: s-maj=20.6km s-min=15.8km az=48.0

IDC 23 01:18:14.7:3.7.5.76S:154.50E, h166km, 32km, mb3.7/12, mbtmp4.2/15, MS4.6/1, Error ellipse: s-maj=22.0km s-min=16.3km az=65.0

ISC 23 01:18:09.6:0.7.5.70S:0.09:154.58E:0.10, h118km, n46, c099/40, mb4.2/19, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RABL, HNR, PMG, PMG, etc.

IDC 23 01:18:14.7:3.7.5.76S:154.50E, h166km, 32km, mb3.7/12, mbtmp4.2/15, MS4.6/1, Error ellipse: s-maj=22.0km s-min=16.3km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WRA, FITZ, ASAR, MKAR, etc.

23d 1h

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like YAK, EDM, E09A, I07A, F10A, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes stations like P18A, PFO, PFO, PFO, etc.

1316

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like UPNV, Y22A, ECSD, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TANN Tannenbergssta, BMR Baia Mare, CLF Chambon-Foret, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BMR Baia Mare, CLF Chambon-Foret, ECH Echery, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like COVR Voineasa-Covas, ABTA Abfattersbach, SOKA Sobota, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keskin Array B, Warramunga Arr, Tennant Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBOO, AS31, ASAR, WRR, WRA, WRA, FORT, FITZ, MBWA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like O20K, M13K, RED, DFR, RDT, etc.

NEIC 23 02:00:47.7±1.1, 21.9S; 0.2±177.3W; 0.1, h212km, 8km, mb4.3/12, Error ellipse: s-maj=28.6km s-min=14.7km az=146.0

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PNL Peninsula, G19K Tagagawik, G19K Purcell Moun, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MDD1 Midelt array s, MDD1 Midelt array s, MDD1 Midelt array s.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like JMA 23 02:47:09.4, JMA 23 02:47:09.4.

Text block containing station information: IDC 23 03:00:51.0, 0.0, 5.20, 98S; 146.37E, h0km, mb4.4/14, mtmtp4.5/19, ML4.8/4, MS3.6/13, Error ellipse: s-maj=12.6km s-min=6.8km az=102.2.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,1.9nm,0.3s,ba=2.0,slow=21,SNR=5.7.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,2.4nm,0.3s,ba=293,slow=12,SNR=3.4.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,340nm,18.9s,ba=19,slow=41.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,52nm,0.7s.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,1.9nm,0.6s.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,4.4nm,0.7s.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,1.7nm,0.3s,ba=76,slow=10,SNR=48.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,2.1nm,0.3s,ba=336,slow=21,SNR=8.9.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,1.42nm,19.3s,ba=106,slow=38.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,1.2nm,0.7s.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,2.5nm,1.1s.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,5.1nm,1.9s.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,2.5nm,1.0s.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA comp=Z,1.9nm,0.3s,ba=159,slow=33.

23d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONMI Songo Array, BRTR Kessik Array B, CMAR Chiang Mai Arr, etc.

IDC 23 03:45:24.9, 0.9, 2.6'S; 138.98'E, h0km, mb4.0/6, mbmp4.1/8, ML1.2/1, MS3.2/6, Error ellipse: s-maj=43.7km s-min=21.2km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GENI Genyem, WAMI Wamena, BAKI Biak, etc.

IDC 23 04:06:36.7, 1.4, 3.3'N; 136.87'E, h110km, 32km, mb2.8/5, mbmp3.6/7, Error ellipse: s-maj=71.0km s-min=14.8km az=69.0

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BNDI Bandanaira, SAUI Saumlaki, etc.

JMA 23 04:06:36.8, 0.2, 3.3'N; 136.87'E, h408km, MV3.0/22, SE OFF KIL PENINSULA

1324

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAI Aioi, JMT Wachi, JWN Monobe, etc.

IDC 23 04:29:04.9, 2.2, 1.6'S; 127.29'E, h0km, mb3.3/2, mbmp3.3/3, ML3.2/1, Error ellipse: s-maj=28.4km s-min=66.0km

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

SCB 23 04:52:13.0, 1.4, 2.1'S; 54.566'W, h203km, 22km, MB5.5, ML3.0/2, Error ellipse: s-maj=8.1km s-min=6.4km az=0.0, Southern Bolivia

1325

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Station Type, Station Class, Time, Residual. Includes entries for IPOC Station P, Chusmia, and AOE Aiguile.

NEIC 23 05:19:28.9.1.9, 59.83N, 0.02:136.68W, 0.03, h8km, 3km, mb3.8/4, ML3.9/82, Mwr3.6/55, ML3.8(AEIC), Mw1.4, (OTT), Error ellipse: s-maj=2.4km s-min=2.1km az=211.0, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mrr:1.05; Mth:0.51; Mtt:1.56; Mtr:1.46; Mtr:2.92; Mtr:0.30; Fault plane solution: Ms:3.55000x10^14. NP1: q=185.96000; b=2.86000; lambda:162.46000; phi:294.16000; theta:374.45000; z:32.28000; Principal axes: T 3.3829, Plg1.0000, Azm1.448000, N 0.3200, Plg58.0000, Azm31.0000, P -3.7035, Plg8.0000, Azm53.0000;

AEIC 23 05:19:28.5.1.8, 59.83N, 0.02:136.68W, 0.03, h3km, 5km Error ellipse: s-maj=2.3km s-min=1.9km az=186.0, NEIC 23 05:19:28.9, 59.82N, 136.71W, h9km

NEIC 23 05:19:29.59.83N, 136.67W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mrr:0.2; Mth:1.20; Mtt:1.21; Mtr:0.25; Mtr:1.17; Mtr:1.14; Fault plane solution: Ms:1.70000x10^15. NP1: q=67.00000; b=383.00000; lambda=-6.00000; phi=173.00000; theta=1173.00000; Principal axes: T 1.6714, Plg1.0000, Azm292.0000, N 0.0583, Plg81.0000, Azm195.0000, P -1.7297, Plg9.0000, Azm22.0000;

IDD 23 05:19:28.5.1.0, 59.69N, 136.66W, h0km, mb3.6/1, mbmp3.5/6, ML3.5/5, MS2.8/3 Error ellipse: s-maj=16.8km s-min=9.0km az=22.0, PGC 23 05:19:29.0.0.0, 59.83N, 136.67W, h1km, ML4.0/27, Mw4.1, 81km northwest of Skagway, Ak Southeastern Alaska

ISC 23 05:19:28.6.1.0, 59.82N, 0.02:136.72W, 0.02, h7km, 8km, n178, c1511/201, Southeastern Alaska

Main station list table for 1325, including stations like Million Dollar, Pleasant Camp, Windy Craggy, Mendenhall, Dusty Glacier, Mount Kennedy, and many others with their respective codes, station names, azimuths, and residuals.

2020 AUG

Main station list table for 2020 AUG, including stations like Eaglecrest, Burwash Landin, Juneau Island, Mount Upton, and many others with their respective codes, station names, azimuths, and residuals.

23d 6h

Main station list table for 23d 6h, including stations like Wood River Hill, Satah River, Doyon Strip, and many others with their respective codes, station names, azimuths, and residuals.

SJA 23 06:16:13.6.0.0, 70.60S, 69.83W, h49km, 9km, ML3.8, MW3.8, NEIC 23 06:16:14.4.1.0, 20.60S, 0.03:69.84W, 0.02, h50km, 6km,

mb3.7/4, ML3.9(GUC), Error ellipse: s-maj=3.9km s-min=3.2km az=161.0
GUC 23 06:16:15.1-0.8, 20:61S:69:80W, h48km, 3km, ML3.9
ISC 23 06:16:14.0-0.8, 20:59S:02:69.91W, 0.04, h54km, 7km,
n60, c150/88, 1C-13D, Northern Chile

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Diego Aracena, Huaiquique, Pisagua, etc.

ASAR Alice Springs 44.89 255 P P 06 27 52.5 +0.9
ASAR 0.5nm, 0.5s, bazi=93, slow=7.7, SNR=12
GSPA South Pole Qui 70.92 140 P P 06 30 45.6 -0.9
TXAR Lajas Array 86.28 57 P P 06 32 09.0 +0.5
ILAR Eielson Array 86.98 13 P P 06 32 10.7 -0.1
GERES GERSs Array B 148.90 345 PKPbc PKIKP 06 39 10.8 -0.1

TRN 23 06:38:23.6, 10:27N-62:67W, h79km, MD4.3, Venezuela.
FUNV 23 06:38:26.6, 10:47N-62:62W, h31km, MW3.7, Presumed earthquake
ISC 23 06:38:22.3-1.5, 10:50N-0:07-62:69W, 0.05, h10km, 13km,
n23, c157/38, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Kent House, Port of Spain, Trinidad, etc.

BUT 23 06:52:29.7-1.3, 44:48N-0:03-115:23W, 0.04, h14km, 8km,
Error ellipse: s-maj=4.6km s-min=3.2km az=47.0
NEIC 23 06:52:29.2-1.0, 40:44N-0:02-115:22W, 0.04, h16km, 9km,
s-maj=2.6km az=73.0, Western Idaho

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Pearl Lake, Tcata, Bigot, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Wollman Farm, Wahluke Slope, etc.

NEIC 23 07:48:49.5-1.9, 14:55S:0:1-167:4E, 0.2, h153km, 3km,
mb4.3/17, Error ellipse: s-maj=23.6km s-min=13.8km
az=113.0
NOU 23 07:48:50.3, 14:68S:167:58E, h162km, mb4.4/29,
Vanuatu Islands

ICD 23 07:48:51.4-3.8, 14:64S:167:27E, h170km, 31km,
mb3.9/10, mbtmp4.2/11, MS2.7/2, Error ellipse:
s-maj=24.9km s-min=20.3km az=45.0
ISC 23 07:48:50.8-0.7, 14:55S:0:03-167:5E, 0.1, h170km, n57,
c110/55, mb4.2/13, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sarautout, Kounac, etc.

ICD 23 06:20:27.2-2.3, 19:29S:177:76W, h578km, 23km, mb2.6/5,
mbtmp3.6/6, Error ellipse: s-maj=40.3km s-min=23.4km
az=147.0
ISC 23 06:20:28.8-1.0, 19:1S:0:2-178:0W, 0.2, h600km, n7,
c150/49, mb3.2/5, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Novsava, Warramunga Arr, etc.

ICD 23 06:20:28.8-1.0, 19:1S:0:2-178:0W, 0.2, h600km, n7,
c150/49, mb3.2/5, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Novsava, Warramunga Arr, etc.

ICD 23 06:20:28.8-1.0, 19:1S:0:2-178:0W, 0.2, h600km, n7,
c150/49, mb3.2/5, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Novsava, Warramunga Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PMON, PBOQ, BQOM, CEDA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MNHN, TKL, WVT, WMOK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like G003, PB03, PB03, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Hateruma jima, Kuro-shima, Ishigaki jima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PDAR, YHL, M27K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CEVE, LFU, LFU, etc.

NEIC 23 11:04:23.0 ± 1.1, 181.05S; 0.09-172.0W; 0.1, h10km, 1km, mb4.5/20, Error ellipse: s-maj=19.4km s-min=11.5km az=233.0

IDC 23 11:04:27.9 ± 2.9, 17.81S; 172.33W, h42km, 25km, mb3.7/10, mbmp4.0/12, ML4.8/2, MS3.2/12, Error ellipse: s-maj=30.4km s-min=12.9km az=125.0

HEL 23 11:59:58.9 ± 0.1, 67.94N; 25.88E, h0km, ML1.4, Explosion IDC 23 12:00:00.5 ± 7.3, 67.99N; 25.74E, h0km, Error ellipse: s-maj=48.1km s-min=31.5km az=169.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NIUE, AFI, AFI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HAZ, HAZ, HAZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HEF, HEF, HEF, etc.

NET 23 11:33:27.8 ± 1.1, 13.05N; 89.58W, h63km, ML3.9, Presumed earthquake, CATA 23 11:33:28.7 ± 0.5, 13.1N; 89.58W, h35km, 3km, M4.0/19, ML4.0/19, Error ellipse: s-maj=6.7km s-min=3.8km

23d 13h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like STKA Stephens Creek, OXZ Oxford, RPZ Rata Peaks, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like RKGY Rocky Gully, MUN Munding, MYLDM Mylahad Datu, etc.

1334

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MNSI Mandailing Nat, BNX BinXian, RPSI Rantau Prapat, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SONM, J18K, G2A2, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CBB, CBB, CBB, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AK01, AK01, AK09, etc.

IDC 23 13:17:19.51, 9.5, 5.89S-153.94E, h0km, mb3.6/4, mbtm337/5, ML2.11, MS2.8/2, Error ellipse: s-maj=48.0km s-min=34.1km az=135.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HNR, HNR, HNR, etc.

B/JI 23 13:18:13.2, 26°26'N-95°50'E, h74km, mB4.9/3, mB4.4/30 IDC 23 13:18:14.9, 27.2, 0.03N-95.55E, h91km, 5km, m3.7/14, mB4.9/17, MS2.8/2, Error ellipse: s-maj=13.7km s-min=10.8km az=77.0 NDI 23 13:18:14.9, 25.2, 26°23'N-95.44E, h104km, ML4.5, ML4.4, Presumed earthquake GFZ 23 13:18:14.0, 26.2, 26°23'N-95.44E, h82km, M4.5/21, mB4.6/21 NEIC 23 13:18:15.2, 1.2, 26°10'N-079.95E, h0.08, h87km, 6km, mB4.6/48, Error ellipse: s-maj=10.5km s-min=8.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CHUM Lake Minchumin, HARP HAARP, H22K Ishatitna Cre, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ACDD El Pedregal, CO03 El Pedregal, PB14 IPOC Station P, etc.

IDC 23 13:55:20.7+1.6, 10.225x107.52E, h0km, mb4.0/9, mbmp4.0/9, MS3.1/2, Error ellipse: s-maj=72.8km s-min=1.0km az=51.0

IDC 23 14:15:12.8-4.1, 2.7775x177.17W, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=88.8km s-min=24.2km az=90.0, Kermadec Islands region

IDC 23 14:16:08.5-0.5, 2.7745x171.04W, h0km, mb4.3/10, mbmp4.3/15, ML4.1/5, MS3.6/16, Error ellipse: s-maj=17.6km s-min=11.2km az=72.0

IDC 23 13:55:26.9-0.7, 9.68S, 0.09:11E:0.09, h28km, n45, s149/44, mb4.2/14, South of Jawa

IDC 23 14:16:09.4-0.6, 2.7775x171.22W, h0km, mb4.3/10, mbmp4.3/15, ML4.1/5, MS3.6/16, Error ellipse: s-maj=12.3km s-min=6.1km az=89.0

IDC 23 14:16:11.7, 2.7782x171.36W, h22km, NEIC 23 14:16:11.7, 2.7782x171.36W, h22km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CMJI Cimerak, BBUI Bungbulang, BBUI Bungbulang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AC04 Llanos de Chal, AC05 Llanos de Chal, AC03 Copiapo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CPUP Villa Florida, CPUP Villa Florida, PLCA Paso Flores, etc.

23d 14h

Table with columns for station name, time, and other details. Includes stations like SDBA SAO DESIDERIO, SMTB Santa Maria do, BOAV Boa Vista, etc.

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Table with columns for station name, time, and other details. Includes stations like KURBB Kurchatov Arra, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

1338

Table with columns for station name, time, and other details. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, etc.

IDC 23 14:18:34.6i:0.9, 12'00N:124.40E, h0km, mb3.7/9, mbtmp:3.7/9, MS3.2/19, Error ellipse: s-maj=47.3km s-min=16.6km az=67.0

MAN 23 14:18:36.0, 11'88N:124.06E, h5km, MS3.9 MAN INTENSITY I - CATAINGAN MASBATA

ISC 23 14:16:35.4:2.0, 11'30N:0.03:124.14E:0.03, h13km, n50, i141/53, mb3.7/9, MS3.3/17, p17, p17

IDC 23 14:24:26.6:4.2, 4.25S:101.17E, h0km, mb3.3/5, mbtmp:3.4/5, Error ellipse: s-maj=169.0km s-min=23.6km az=57.0

ISC 23 14:24:29.9:3.9, 4.45S:101.0E:0.9, h29km, n18, i097/6, mb3.4/5, Southwest of Sumatera

TAP 23 14:28:38.0, 24'89N:122'35E, h8km, 1km, ML3.0, D JMC 23 14:28:38.0:0.1, 24'30N:122'4E:0.3, h1km, 0.2km

ISC 23 14:28:38.1:1.0, 24'89N:0.02:122'37E:0.02, h10km, 9km, n75, c055/116, 1D, Taiwan region

Table with columns for Code, Station Name, Time, Res, and other details. Includes stations like TWB1 Santiao Chiao, TWB2 Santiao Chiao, TWB3 Santiao Chiao, etc.

Table with columns: CHNS, Tsauling, 2.01 231 eP, Pb, 14 29 14.3 -0.5, TPUB, Ta-pu, 2.24 226 P, Pn, 14 29 16.8 +1.5

IDC 23 14:46:40.6, 1.3, 49.54N; 156.35E, h0km, mb3.8/10, mbtmp3.8/12, ML3.7/2, MS2.8/3, Error ellipse: s-maj=29.7km s-min=20.8km az=137.0

MOS 23 14:46:45.9, 0.9, 49.55N; 156.39E, h67km, mb4.3/4, Error ellipse: s-maj=13.3km s-min=3.9km az=82.6

NEIC 23 14:46:45.7, 1.4, 49.60N; 0.1, 156.35E, 0.2, h35km, 2km, mb4.3/17, Error ellipse: s-maj=20.9km s-min=16.5km az=119.0

KRSC 23 14:46:47.1, 1.9, 49.74N; 157.33E, h45km, 25km, ML4.4, ISC 23 14:46:48.2, 1.6, 49.77N; 0.1, 156.97E, 0.06, h62km, 12km, n116, s141/127, mb4.1/18, Kuril Islands

Main table for station 1339, listing station names, coordinates, and various parameters like Time, Res, and ISC.

Main table for station 2020 AUG, listing station names, coordinates, and various parameters like Time, Res, and ISC.

Main table for station 23d 15h, listing station names, coordinates, and various parameters like Time, Res, and ISC.

23d 16h

Table with columns: TOO, Toolang, 33.29 190, P, P, 16 53 20.2 -0.4, etc. Lists various locations and their associated data points.

2020 AUG

Table with columns: BBJJ, Bungbulang, 44.73 264, P, P, 16 54 54.5 -2.0, etc. Lists various locations and their associated data points.

1342

Table with columns: ENH, Enshi, 53.96 313, P, P, 16 56 07.5 +1.0, etc. Lists various locations and their associated data points.

23d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like M26K Nabesna, AK, BARN Bernard Glacier, etc.

2020 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DLBC Dease Lake, IUG Iuzhny, IUG Iuzhny, etc.

1344

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like APA comp=Z,507nm,4.8s, KLMM Klimovskoe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RCHB, BMRD, BOST, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31, KRBS, KRBS, etc.

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

VIE 23 17:03:52.0, 4.45:23N, 16:06E, h3km, 1km, mb2.5/19, m12/720, Error ellipse: s-maj=2.7km s-min=1.8km

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

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

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

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

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

SOME 23 16:57:41.6, 39:62N-73:30E, h5km

KRNET 23 16:57:43.4, 0.1, 39:56N-73:65E, h13km, mb3.2

NNC 23 16:57:45.3, 3.5, 39:57N-73:91E, h0km, mb3.3, mpv3.2

Error ellipse: s-maj=25.4km s-min=14.1km az=165.0

ISC 23 16:57:46.3, 1.2, 39:74N-0.06E, h310km, n29, c=23/52, 20C-19D, Tajikistan-Xinjiang border region

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

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

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

IDC 23 17:05:41.5, 1.9, 32:40S-68:88W, h0km, mb4.0/1, mbmtpl4.1/2, ML3.3/1, Error ellipse: s-maj=88.9km

s-min=50.6km az=63.0, Mendoza Province

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

23d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KKN, LSA, PKI, etc.

2020 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMQ, GAT2, SATY, etc.

1346

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HHC, SONM, ULN, etc.

23d 17h

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1348

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, and multiple columns of numerical data and codes. The table lists various stations and their associated parameters across the entire page.

23d 17h

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like CHM Karatay Array, YSS Yuzhno-Sakhal, MAW Mawson, etc.

2020 AUG

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like NRIK Noril'sk, GQSA South Pole Qui, BELG Belogomorye, etc.

1350

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like HSKC Hora Svate Klot, NOR Nord, YKA Yellowknife Arr, etc.

ADC 23 17:39:38.2,2.9,38S; 108°61E, h0km, mb4.5/5, mbmp4.5/5, MS4.6/6, Error ellipse: s-maj=83.2km

ISC 23 17:39:42.1, 1.9, 9.4S, 0°3, 108°6E, 0.4, h27km, n21, s-min=29.1km az=57.0

ISC 23 17:40:26.6, mb4.6/5, MS4.6/6, South of Java

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

NNC 23 17:45:36.4±2.0, 49°72N-83°40E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=21.0km s-min=13.7km az=74.0,

Suspected Mining explosion.

ASRS 23 17:45:43.1±0.5, 50°N, 2°8'E, h9km, MLh3.3/13, Error ellipse: s-maj=5.2km s-min=3.6km az=43.7, confirmed

ISC 23 17:45:35.6±0.8, 49.64N-100.83E±0.03, h0km, n25, 1974/47, 6C-11D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UKR Ust-Kan, UKR ELDR, UKR ELDR, etc.

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Tashtagol, Zalesovo Array, Verkhnyaya Baz, Karatay Array, etc.

IDC 23 17:54:47.4-0.6, 9:59S, 108:40E, h0km, mb4.4/20, mbmp4.4/22, ML4.0/2, MS4.1/1, Error ellipse: s-min=20.7km s-max=12.5km az=56.0

DJA 23 17:54:48.8-0.4, 10:54S, 108:40E, h10km, M5.1/50, mb5.4/19, ML5.0/50

GFZ 23 17:54:48.5-0.4, 10:56S, 108:40E, h10km, M5.0/20, mb5.0/20

NEIC 23 17:54:48.2-1.2, 9:76S, 108:22E, h0km, h10km, mb4.8/33, Error ellipse: s-min=14.8km s-max=11.6km az=22.0

ISC 23 17:54:50.0-0.4, 9:82S, 108:21E, h22km, m189, s=1844/193, mb4.8/33, C-1D, South of Jawa

Main station list table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Cimerak, Bungbulang, Waduk Cacaban, etc.

Main station list table with columns: MYLDM, Lahad Datu, Time, Res. Includes stations like FITZ, BSJ, TNTI, etc.

Main station list table with columns: KPKS, TNS, MDOK, HILR, etc. Includes stations like Alma-Ata, Zaisan, Kuratov, etc.

NAO 23 18:00:18.4-1.2, 71:40N, 11:32W, h2km, 9km, ML3.9
BER 23 18:00:19.6-3.7, 71:43N, 11:10W, h0km, 11km, MW4.2, ML3.9(NAO), Confirmed Earthquake

DNK 23 18:00:20.8-1.7, 71:47N, 10:75W, h36km, 15km, ML2.4, Presumed earthquake

ISC 23 18:00:16.9-0.7, 17:53N, 106:10W, h0km, h10km, n45, s=234/59, Jan Mayen Island region

Main station list table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Jan Mayen, Scoresbysund, etc.

23d 18h

Table with columns: KBS, Kingsbay, 9.35 28 eP, Pn, 18 02 33.4 +2.0, 18 02 36.6, comp=Z,5,1nm,0.2s, etc.

MAN 23 18:03:34.0, 4.88N:124.30E, h510km, MS4.7
NEIC 23 18:03:37.8, 1.7, 5.15N:0.09:124.1E:0.1, h483km, 8km,
mb4.3/51, Error ellipse: s-maj=15.3km s-min=12.9km
az=81.0
GFZ 23 18:03:37.5, 0.1, 5.15N:2.12E:4.1, h486km, M4, 4/61,
mb4.4/61
IDC 23 18:03:38.1, 0.6, 5.06N:124.16E, h493km, 6km, mb3.6/22,
mtbmp4.5/24, Error ellipse: s-maj=16.0km s-min=6.4km
az=75.0
DJA 23 18:03:38.8, 0.5, 5.15N:12.4E:4.1, h460km, 6km, M4, 7/29,
mb5.1/17, mb4.8/29, ML5.5/22, Mw(mb)4.4/17
ISC 23 18:03:37.5, 0.5, 5.10N:0.04:124.12E:0.06, h487km, 5km,
n270, 1903/290, mb4.3/86, Mindanao

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

2020 AUG

Main table listing seismic events with columns: KKS, Kolaka, Sulawesi, 9.53 195 P, P, 18 05 51.1 +1.2, 18 05 50.7 +0.3, comp=Z,64nm,0.9s, etc.

1352

Table listing seismic events with columns: ASAR, comp=Z,3.8nm,0.7s, baz=352, slow=24, SNR=19, ScP, ScP, 18 14 49.1 +0.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Osenpovka, Magadan, Arslanbob, Erkin-Say, Karamyk, Zalesovo Beam, Zalesovo Beam, Kabul, Batken, Kurchatov, Taraz, Karatay Arra, Borovoye, Borovoye, NRIK, AB31, ARBKA, ARTI, RAYN, J20K, I21K, MAW, MAW, MAW, ILAR, VANDA, VANDA, BRTR, ARCES, ARCES, FINES, QSPA, QSPA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Palo, Lapu-Lapu.

IDC 23 18:30:51.0-0.7,5:81S;153:37E,h0km,mb4.0/14, mbmp4.0/17,ML3.8/2,MS3.6/11,Error ellipse: s-min=17.6km s-min=14.8km az=105.0

ISC 23 18:30:56.3-0.6,5:84S;0:09-153:28E;0:07,h32km,n23, 0:95/21,mb3.9/13,MS3.5/8,New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Keravat, Port Moresby, Honiara, Warramunga Arr, ASAR, ASAR, STKA, DAV, Rata Peaks, MJAR, KSR5, CMAR.

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

IDC 23 18:47:01.8-1.4,9:61N;127:56E,h0km,mb3.5/4, mbmp3.6/5,ML3.9/1,Error ellipse: s-maj=34.6km s-min=19.3km az=94.0

MAN 23 18:47:07.9,9:22N;126:74E,h15km,MS3.6 ISC 23 18:47:03.2-2.1,9:34N;104:126:98E;0:08,h5km,n13km, n20,0:17/35,mb3.5/4,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like General Luna, Sufigao, Cateel, Davao, Musuan, Cagayan de Oro, Davao City (W), Davao, DAV, DMPH, Palo, Tagbilaran, Lapu-Lapu, LSP, Siquijor, Cotabato-PC H, Don Marcelino, Dipolog City, Sibulan, Pagadian, Warramunga Arr, ASAR, MKAR, BVAR.

IDC 23 18:53:50.9-3.6,0:04S;153:34E,h81km,49km,mb3.3/8, mbmp3.7/9,ML1.7/1,MS2.8/2,Error ellipse: s-maj=32.4km s-min=20.1km az=149.0

ISC 23 18:53:46.1-1.0,6:05S;0:2-153:6E;0:2,h32km,n14, 0:190/10,mb3.6/8,New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Keravat, Port Moresby, WAKE ISLAND Hy, Gaotai, Makanchi Array, Zalesovo Beam, Elselon Array, Kurchatov Arra, Borovoye Array.

KRNET 23 18:56:22.0-0.1,41:27N;71:92E,h16km,mb2.2 NNC 23 18:56:25.0-1.4,41:38N;71:86E,h0km,mb2.5,mpv3.0, Error ellipse: s-maj=11.8km s-min=4.2km az=168.0

SOME 23 18:56:24.6,41:35N;71:90E,h15km ISU 23 18:56:25.4,41:28N;71:89E,h9km ISC 23 18:56:22.5-1.2,41:28N;0:03-71:94E;0:03,h5km,n11km, n18,0:07/31,15C-1D,Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Arkit, Arslanbob, Erzincan, Osh, Pschem, Salom-Elgin, Batken.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Charvak, IUG, IUG, SFK, TVKasya, MRKS, MRKS, MRKS, EKS2, EKS2, KK31, KK31, BRLS, BRLS, BRLS.

AFAD 23 18:56:37.1,38:17N;38:71E,h12km,2km,MW4.0 ISK 23 18:56:37.6,38:18N;38:69E,h8km,ML4.0/17 IDC 23 18:56:38.8-0.7,38:13N;38:71E,h0km,mb3.7/7, mbmp3.7/15,ML3.1/7,MS3.3/7,Error ellipse: s-maj=12.5km s-min=8.6km az=117.0

ISC 23 18:56:38.9-0.6,38:12N;0:02-38:70E;0:02,h10km,n69, 0:145/87,mb3.8/12,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Malatya/Merkez, Adyaman-Kaht, MDYL, Divanyol-Malat, Sivrice-Elazig, Elazig, ngs, Adyaman-Merk, Sivrice-Elazig, ANIURFA, Sivrice-Elazig, ANIURFA, Elazig, ATAB, AKCA, AKCA, HEKM, HEKM, Arapgir-MALATY, Kova, SANLIURFA, SANLIURFA, Tuncel-Merkez, Diyarbakir, Gaziantep, KAHRAMANMARAS, Gurin, SVAS, ilic-Erzincan, SANLIURFA, SURC, NIZIP, KHMM, KHMM, KHMM, KHMM, KAHRAMANMARAS, Gaziantep, KHRAMANMARAS, ERZIN, ERZIN, ERZIN, Uzumlu, BNGE, BNGE, SARI, SARI, CUAYA, CUAYA, KAMA, YEDI, YEDI, ANDN, ANDN, SVAN, SVAN, ADANA, SCER, KARO, KARO, KARACAYIR, VARTO-MUS, KESKIN ARAY B, KESKIN ARAY B, SARI, SARI, CUAYA, CUAYA.

IDC 23 18:56:38.9-0.6,38:12N;0:02-38:70E;0:02,h10km,n69, 0:145/87,mb3.8/12,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Malatya/Merkez, Adyaman-Kaht, MDYL, Divanyol-Malat, Sivrice-Elazig, Elazig, ngs, Adyaman-Merk, Sivrice-Elazig, ANIURFA, Sivrice-Elazig, ANIURFA, Elazig, ATAB, AKCA, AKCA, HEKM, HEKM, Arapgir-MALATY, Kova, SANLIURFA, SANLIURFA, Tuncel-Merkez, Diyarbakir, Gaziantep, KAHRAMANMARAS, Gurin, SVAS, ilic-Erzincan, SANLIURFA, SURC, NIZIP, KHMM, KHMM, KHMM, KHMM, KAHRAMANMARAS, Gaziantep, KHRAMANMARAS, ERZIN, ERZIN, ERZIN, Uzumlu, BNGE, BNGE, SARI, SARI, CUAYA, CUAYA, KAMA, YEDI, YEDI, ANDN, ANDN, SVAN, SVAN, ADANA, SCER, KARO, KARO, KARACAYIR, VARTO-MUS, KESKIN ARAY B, KESKIN ARAY B, SARI, SARI, CUAYA, CUAYA.

23d 21h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PFO Pinyon Flats O, MENT Mentasta, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SJA 231:22:01.5, GUC 231:22:04.3, etc.

2020 AUG

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like BI02 San Fabin de, ML02 Panimavida, GO05 Hualane, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NEIC 231:24:46.8, PAS 231:24:47.9, etc.

1356

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ECXB San Vicente, SV2X Sierra Juarez, ESJX Sierra Juarez, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like TPO Tropic Hills, U16A Lo Ma Camp, QSM Queen of Sheba, etc.

23d 23h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like WTTA Wattenberg, ARCA ALCALIA, SOTA Sankt Qurin, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like IDC 23 22:52:39.8, NEIC 23 22:52:39.4, etc.

2020 AUG

Main table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like UGM Yogyakarta, YOGI YOGI, SMRI Semarang, etc.

1360

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BOSA Boshof, BOSA Boshof, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like BORG, MATG, 113A, etc.

WEL 23:28:40.0±1.1, 36°S±15°17'9"E, h259km, 12km, M3.6/7, ML3.6/11, MLV3.6/7, Error ellipse: s-maj=29.7km s-min=12.0km az=124.7, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like WMGZ, HAZ, HAZ, etc.

IDC 24:00:16:52.0±0.9, 2:37N, 126:55E, h0km, mb3/7.0, mbmp3/7.10, Error ellipse: s-maj=41.1km s-min=17.7km az=74.0

ISC 24:00:16:59.1±0.9, 2.3N, 126:52E, h55km, n10, c1501/10, mb3.6/9, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like FITZ, WRA, ASAR, CMAR, etc.

SJA 24:00:21:00.9±0.7, 36:55S, 73:26W, h26km, 3km, ML3.3, MW3.7

GUC 24:00:21:02.8±0.8, 36:66S, 73:08W, h21km, 3km, ML3.6

ISC 24:00:21:02.2±1.0, 36:59S, 73:05W, h12km, 9km, n24, c1502/37, 3C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like B105, B105, B105, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like CCSP, B102, B102, etc.

IDC 24:00:22:31.6±3.7, 1:47S, 136:10E, h0km, mb3.4/2, s-maj=30.7km az=80.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like WRA, ASAR, MKAR, etc.

DJA 24:00:24:13.7±2.6, 9°N, 23°12'7"E, h123km, 18km, M5.4/16, mb5.7/14, mb5.7/16, MLV6.0/8, Mw(MB)5.2/14, MwwMwp4.8/5, Mwp5.1/5

MAN 24:00:24:18.0±7.65N, 126:88E, h19km, MS4.9

MAN INTENSITY III - BAGANGA MANAY AND CATEEL

DAVAO ORIENTAL - INTENSITY II - MATI CITY DAVAO

ORIENTAL: LINGIG SURIGAO DEL SUR; ROSARIO

AGUSAN DEL SUR

GCMT 24:00:24:19.8±0.2, 7:75N, 126:67E, h2km, MW4.9/91, Moment Tensor Solution. s54,c77; s91,c142; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-2.99s; 14; Mw3.09±0.08; M90-1.0±0.10; M90.18±.14; M90.11±.07; M90.30±.21; Best double couple: M0.323500x10^16 Np1.9878.00000°, 843.00000°, -82.00000°. NP2: 9±248.00000°, 848.00000°, -97.00000°. Principal axes: T -3.4480, P1g2.0000, A1p342.0000; N -0.4420, 21.63, 6.3

P1g5.0000°, Azm252.0000°, P -3.0210, P1g64.0000°, Azm96.0000°. nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 24:00:24:20.1±0.9, 7:69N, 126:62E, h43km, mb5.1/58 Error ellipse: s-maj=8.4km s-min=4.4km az=113.9

NEIC 24:00:24:23.9±2.0, 7:71N, 126:73E, h55km, 4km, mb4.9/271, Mw4.8/11, Error ellipse: s-maj=9.8km s-min=9.0km az=219.0

GFZ 24:00:24:24.8±0.1, 8°N, 127°12'E, h66km, M4.8/55, mb5.1/55

IDC 24:00:24:25.7±1.0, 7:70N, 126:70E, h78km, mb5.4/31, mbmp4.7/33, MS4.0/24, Error ellipse: s-maj=11.9km s-min=6.9km az=82.0

ISC 24:00:24:22.6±0.3, 7:71N, 126:79E, h51km, 2km, h51km, pp-P, n855, c1294/902, mb4.9/252, MS4.0/31, 7C-5D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like CDOP, BIFP, DAV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like SNPH, MMFH, GAMI, etc.

IDC 24:00:24:25.7±1.0, 7:70N, 126:70E, h78km, mb5.4/31, mbmp4.7/33, MS4.0/24, Error ellipse: s-maj=11.9km s-min=6.9km az=82.0

ISC 24:00:24:22.6±0.3, 7:71N, 126:79E, h51km, 2km, h51km, pp-P, n855, c1294/902, mb4.9/252, MS4.0/31, 7C-5D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, IAML, and various station codes like SAUI, GENI, MMRI, etc.

24d Oh

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SLVN Son La, KULM Kulim, and various Warramunga Arr stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like XAN comp=Z,1.1nm,0.8s, AS15 Alice Springs, and various international stations like LZHM Lanzhou.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWA0 Narrogin (SRO), NWA0 Narrogin (SRO), and various international stations like AUARC Lightning Ridg, and various Warramunga Arr stations.

24h Oh

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Novokhoporsk, Wood River Hill, College, etc.

2020 AUG

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like I29M, J29N, TOKA, etc.

1364

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YKAW3, YKAW3, YKA, etc.

24d Oh

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MKAR, ZALV, SHLS, PDGK, NRIK, etc.

2020 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBZ, VSR, VORD, KIV, etc.

1368

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NEF, KSP, MBB, CJR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMB Musomishta, BOVS Bovan, WLF Waferdange, etc.

GCG 24 01:52:06.7, 0.6, 13.38N:90.75W, h6km, 29km, MD4.2, Presumed earthquake

CATAC 24 01:52:08.2, 0.8, 14°N, 6°W, h20km, 6km, M2.9/12, MLV2 9/12, Error ellipse: s-maj=13.8km s-min=4.9km

ISC 24 01:52:05.4, 3.0, 13.41N:01.9085W, 0.07, h11km, 15km, n19, 0.84/29, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yecopaca, Chim, FAME, etc.

KRSC 24 02:36:04.0, 1.6, 5.5535N:166.44E, h36km, 8km, MI3.9, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BKI Bering, KBT Krutoberegovo, MKZ Mys Kozlova, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UGLR Ugllovaya, AVH Avacha, KRX Arik, etc.

IDC 24 02:53:50.3, 1.4, 6.55S: 129.14E, h0km, mb3.7/3, mbmp3.7/5, ML3.8/2, Error ellipse: s-maj=112.7km

ISC 24 02:53:51.2, 1.4, 7.3S:0.1, 129.4E:0.2, h35km, n6, 0.27/8, mb3.7/3, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, etc.

SCB 24 03:02:59.5, 1.3, 21.38S:66.88W, h176km, 23km, ML3.7/2, Southern Bolivia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YJA Yavi, PB09 IPOC Station P, PB02 IPOC Station P, etc.

SDD 24 03:03:56.9, 2.5, 18.28N:70.49W, h10km, 8km, MD3.2, ML1.9, MW2.3, Presumed earthquake

OSPL 24 03:03:57.5, 2.0, 18.24N:70.45W, h12km, 12km, ML2.4, Presumed earthquake

ISC 24 03:03:54.2, 1.3, 18.22N:0.05, 70.41W:0.03, h11km, 9km, n13, 0.94/23, 12C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BANI BANI, ABDR Alto Bander, NEDR Neiba UASD, etc.

UCR 24 03:13:06.7, 0.1, 11.40N:88.67W, h18km, 999km, MW4.0, Presumed earthquake

CATAC 24 03:13:26.7, 0.7, 11°N, 3°W, h23km, 6km, M3.4/24, MLV3.4/24, Error ellipse: s-maj=7.0km s-min=3.4km

ISC 24 03:13:20.7, 1.7, 11.08N:0.05, 87.37W:0.06, h9km, 12km, n43, 0.91/56, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COPN Copaltepe, NANN Nandasma, MAS3 Ai N del Volca, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILCN San Idelfonso, PKGN Cerro Pekin, LCRUZ La Cruz, etc.

TAP 24 03:23:08.8, 24.52N:122.56E, h15km, ML2.9, C, JMA 24 03:23:09.6, 0.1, 24°N, 122°E:0.3, h23km, 1km, MW2.3/12, NW OFF ISHIGAKIJIMA IS

ISC 24 03:23:09.0, 1.1, 24.55N:0.03, 122.56E:0.02, h18km, 5km, n45, 0.89/47, 2C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E0S3 E0S3, E0S2 E0S2, JYNG JYNG, etc.

SDD 24 03:27:53.8, 1.7, 19.70N:72.88W, h4km, 13km, MD3.4, ML2.6, MW2.2, Presumed earthquake

SSNC 24 03:27:54.2, 1.3, 19.30N:73.01W, h13km, 13km, MD2.9, ML2.0, Presumed earthquake

ISC 24 03:27:49.8, 1.3, 19.55N:0.10, 72.94W:0.04, h14km, 11km, n10, 0.67/18, 9C, Haiti region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MCDR Montecristi, MASC Masc, MASC Masc, etc.

ASRS 24 06:30:00.0, 0.8, 54.178N, 86.41E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ICD 24 06:29:58.2, 4.1, 54.21N, 86.68E, h0km, mbmt2.8/2, ML2.7/2, Error ellipse: s-maj=35.6km s-min=16.2km az=67.0, Southwestern Siberia

Code	Station Name	A°	AZ°	Phase ID	Time h m s	Res ISC
I46RU	ZALESOVO INFRA	1.13	257	Op	06 30 36.0	
ZALV	Zalevovo Beam	1.19	257	Pg	06 30 19.5	-0.3
ZALV		1.3nm, 0.3s, baz=74, slow=17, SNR=11		Lg	06 30 34.5	
KURBB	Kurchatov Arra	6.15	238	Pn	06 31 31.8	+1.7
KURBB		0.2nm, 0.3s, baz=50, slow=12, SNR=4.4				
KURBB		0.6nm, 0.3s				
MKAR	Makanchi Array	7.94	202	Pn	06 31 55.2	+0.4
MKAR		0.1nm, 0.3s, baz=25, slow=15, SNR=5.6				
MKAR		0.1nm, 0.3s				

ICD 24 06:32:32.5, 0.5, 11.07N, 125.50E, h0km, mb4.3/21, mbmp4.3/22, ML4.4/1, MS3.2/15, Error ellipse: s-maj=26.1km s-min=9.5km az=79.0

MAN 24 06:32:39.0, 11.16N, 125.68E, h13km, MS4.3

MAN INTENSITY IV - GUIJANSALCEDO AND MERCEDSEASTERN SAMAR . INTENSITY III - GENERAL MACARTHURLAWAAN QUINAPONDAN AND GIPORLOS EASTERN SAMAR; TAGCLOBAN CITY; INTENSITY III - PALO PASTRANA JARO JULITTA DULAG TANAUAN TOLOSA BARUGO BURAUEN TABONTABON AND STA. FE LEYTE; MAYDOLONG AND BORONGAN EASTERN SAMAR; INTENSITY I - CAN-AVID EASTERN SAMAR.

NEIC 24 06:32:39.1, 0.8, 11.15N, 0.09, 125.6E, 0.1, h39km, 7km, mb4.3/34, Error ellipse: s-maj=19.5km s-min=12.1km az=72.0

ISC 24 06:32:35.4, 1.5, 11.19N, 0.03, 125.60E, 0.05, h16km, 9km, n101, s151/93, mb4.4/40, MS3.2/14, Samar

Code	Station Name	A°	AZ°	Phase ID	Time h m s	Res ISC
PLP	Palo	0.61	268	Op	06 32 52.6	+3.2
SCPH	Surigao	1.40	185	eS	06 33 02.9	+0.5
SCPH				Pg	06 33 22.0	+1.4
LLP	Lapu-Lapu	1.83	242	eP	06 33 10.1	-0.4
LLP				Sb	06 33 38.1	+3.9
MMPH	Masbate	2.26	301	eS	06 33 18.6	-0.2
MMPH				iS	06 33 47.1	-1.1
TBP	Tagbilaran	2.27	229	eP	06 33 17.2	-1.7
TBP				Sb	06 33 47.1	-1.3
LSIP	Lazi, Siquijor	2.82	224	eP	06 33 25.7	+0.3
LSIP				Sb	06 33 57.9	+0.1
CGP	Cagayan de Oro	2.86	198	eS	06 33 25.8	-0.3
CGP				eS	06 34 00.7	-0.1
SNPH	Sibulan	2.96	232	iP	06 33 26.9	-1.0
SNPH				iP	06 34 10.4	-0.3
BIFH	Bislig	3.03	166	iS	06 33 24.5	+1.2
BIFH				iS	06 33 42.4	-1.8
BUPK	Musuan	3.08	189	eS	06 34 17.3	+2.9
DCPH	Dipolog City	3.41	221	eP	06 33 32.3	-3.1
IBAJ	Ibajay, Aklan	3.42	281	eP	06 33 34.4	-1.3
IBAJ				Sb	06 34 13.9	+3.3
CDOP	Cateel, Davao	3.48	161	eP	06 33 30.5	+1.6
CDOP				Sn	06 34 12.2	+2.4
DMPH	Davao City-Mi	4.08	181	eP	06 33 53.6	0.0
DMPH				iS	06 34 56.7	+1.0
DAV	Davao City (W)	4.09	180	Pn	06 33 36.5	-0.8
DAV		25nm, 0.3s, baz=96, slow=16, SNR=1.2		Lg	06 34 36.8	
DAV		199nm, 0.3s, baz=109, slow=4.7, SNR=4.2				
DAV		336nm, 0.4s				
DAV	Davao City (W)	4.09	180	Pn	06 33 39.0	+1.7
GOP	Guinayanang	4.10	312	eP	06 33 41.7	+4.3
GOP				Sb	06 34 32.4	-4.4
LQP	Lukban	4.92	307	eP	06 33 54.2	+5.3
SBUM	Sibu	18.86	238	Iamb	06 36 20.6	-1.2
SBUM				Iamb	06 36 26.1	
GUMO	Guam	18.97	81	LR	06 42 58.2	
SLVN	Son La	23.12	239	P	06 37 40.1	-0.9
SLVN				Iamb	06 37 53.7	
MYKOM	Kota Tinggi	23.52	248	P	06 37 44.5	-0.5
MYKOM				Iamb	06 37 59.2	
KSRS	Korea Array	26.24	4	P	06 38 10.9	+1.3
CMAR	Chiang Mai Arr	26.75	289	P	06 38 11.6	-2.9
CMAR		1.1nm, 0.3s, baz=95, slow=10.0, SNR=6.2		LR	06 49 38.4	
CMAR		comp=Z, 2.9nm, 1.8, 1s, baz=115, slow=38				
CMAR	Chiang Mai Arr	26.75	289	P	06 38 14.6	+0.1
FITZ	Fitzroy Crossi	29.10	180	P	06 38 35.0	-0.5
FITZ		comp=Z, 6.4nm, 0.5s, baz=7.2, slow=9.0, SNR=29				
FITZ		comp=Z, 6.4nm, 0.5s				
WRA	Warramunga Arr	32.11	164	P	06 39 00.5	-1.6
WRA		comp=Z, 1.1nm, 0.5s, baz=345, slow=9.3, SNR=12		PcP	06 41 50.1	-1.2
WRA		comp=Z, 0.2nm, 0.5s, baz=348, slow=2.5, SNR=4.8				
USRK	Ussuriysk Ar.	33.35	8	P	06 39 13.3	+0.6
USRK		comp=Z, 5.0nm, 0.7s, baz=200, slow=8.7, SNR=9.0				
USRK		comp=Z, 1.4nm, 22.0s, baz=254, slow=34		LR	06 51 16.2	
USRK		comp=Z, 5.0nm, 0.7s				
ASAR	Alice Springs	35.58	167	P	06 39 14.0	+1.2
BRDH	Bariadaha	34.35	294	LR	06 56 30.9	
BRDH		comp=Z, 7.9nm, 1.8, 4s, baz=150, slow=42				
AS31	Alice Springs	35.58	167	P	06 39 31.2	-1.0
ASAR	Alice Springs	35.58	167	P	06 39 31.1	-1.1
ASAR		comp=Z, 0.2nm, 0.4s, baz=332, slow=2.2, SNR=2.8		PcP	06 41 59.9	-1.3
ASAR		comp=Z, 1.1nm, 0.3s				
ASAR	Alice Springs	35.58	167	P	06 39 31.8	-0.4
GT2A	Gaotai	36.34	325	eP	06 39 41.4	+2.6
GT2A		comp=Z, 6.0nm, 0.8s		pmax		
CTA	Charters Tower	37.13	147	LR	06 57 16.7	
CTA		comp=Z, 1.8nm, 1.8, 3s, baz=30, slow=40				
KLR	Kul Kurdy	38.27	7	LR	06 57 08.4	
KLR		comp=Z, 1.8nm, 1.8, 3s, baz=186, slow=38				
HILR	Hailur Arr	38.56	354	P	06 57 39.8	+0.4
HILR		comp=Z, 1.4nm, 0.4s, baz=170, slow=8.1, SNR=2.5				
HNR	Honiara	39.83	120	LR	06 54 05.9	
HNR		comp=Z, 4.9nm, 22.0s, baz=4.0, slow=32				
SONM	Songino Array	39.94	340	P	06 54 10.4	+1.4
SONM		comp=Z, 1.2nm, 0.5s, baz=158, slow=8.8, SNR=7.1		LR	06 57 45.0	
SONM		comp=Z, 2.4nm, 1.8, 3s, baz=84, slow=38				
SONM		comp=Z, 1.2nm, 0.5s				
SONM	Songino Array	39.94	340	P	06 54 08.9	-0.1
H1S3	WAKE ISLAND Hy	40.30	75	T	07 23 24.0	
H1S1	WAKE ISLAND Hy	40.35	75	T	07 23 17.0	
H1S2	WAKE ISLAND Hy	40.32	75	T	07 23 35.0	
H1N1	WAKE ISLAND Hy	40.60	73	T	07 23 32.4	
H1N2	WAKE ISLAND Hy	40.61	73	T	07 23 40.3	
H1N3	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N4	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N5	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N6	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N7	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N8	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N9	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N10	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N11	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N12	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N13	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N14	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N15	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N16	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N17	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N18	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N19	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N20	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N21	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N22	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N23	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N24	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N25	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N26	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N27	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N28	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N29	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N30	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N31	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N32	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N33	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N34	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N35	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N36	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N37	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N38	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N39	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N40	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N41	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N42	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N43	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N44	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N45	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N46	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N47	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N48	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N49	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N50	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N51	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N52	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N53	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N54	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N55	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N56	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N57	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N58	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N59	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N60	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N61	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N62	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N63	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N64	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N65	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N66	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	
H1N67	WAKE ISLAND Hy	40.62	73	T	07 23 44.0	

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Table with columns: TAM, Station Name, Frequency, Power, and other technical details. Includes stations like Tamnasset, Anoyia, Arkhangelos, etc.

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Naryn, Naryn, AAK, etc.

Table of seismic stations and their parameters. Columns include station name, coordinates, and various seismic parameters like pmax, m, and b.

Table of seismic stations and their parameters. Columns include station name, coordinates, and various seismic parameters like pmax, m, and b.

NOU 24 07:13:17.9, 17:05S-167.67E, h0km, MLV4.3/13, Vanuatu Islands, Vanuatu Islands

Table of seismic stations and their parameters. Columns include station name, coordinates, and various seismic parameters like pmax, m, and b.

ISC 24 07:27:41.9, 39°01'N-35°85'E, h5km, ML3.5/34 AFAD 24 07:27:41.9, 39°04'N-35°88'E, h6km, 1km, ML3.5

ISC 24 07:43:21.0, 38°39'N-02°35'33E, 0.02, h6km, 9km, n55, +18°/80, Turkey

Table of seismic stations and their parameters. Columns include station name, coordinates, and various seismic parameters like pmax, m, and b.

Table of seismic stations and their parameters. Columns include station name, coordinates, and various seismic parameters like pmax, m, and b.

ISC 24 07:30:27.7, 5.53°16'N-87°80'E, h0km, mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=26.6km s-min=17.8km az=77.0

ASRS 24 07:30:27.0-0.0, 5.53°62'N-87°96'E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table of seismic stations and their parameters. Columns include station name, coordinates, and various seismic parameters like pmax, m, and b.

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ISC 24 07:31:21.4:1.1, 16.78N, 0.05:61.06W, 0.07, h44km, 10km, n37, e152/51, mb3.6/7, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H05N1 Guadeloupe/Mar, H05N1 La Diserade, G, DSDZ DSDZ, DSDZ Broadband at M, etc.

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

Main table with columns: YLYR, comp, N, J, m, s, ISC, Time, Res. Includes stations like ULAN-YDE, TYRANG, TYRANG, TYRANG, etc.

Main table with columns: KPC, comp, N, J, m, s, ISC, Time, Res. Includes stations like KPC Khapcheranga, KPC Khapcheranga, KPC Khapcheranga, etc.

IDC 24 07:49:19.7:0.8, 53.39N, 109.64E, h0km, mb3.8/6, mtbmp3.8/14, ML3.8/7, MS3.5/14, Error ellipse: s-maj=12.8km s-min=9.2km az=153.0

MOS 24 07:49:19.5:1.3, 53.34N, 109.80E, h10km, mb4.4/8, Error ellipse: s-maj=7.8km s-min=5.7km az=64.5

NEIC 24 07:49:20.6:1.3, 53.42N, 109.79E, 0.08, h10km, 1km, mb4.4/23, Error ellipse: s-maj=15.9km s-min=7.3km az=195.0

BYKL 24 07:49:22.4:0.1, 53.31N, 109.73E, h20km, 2km, FELT L=IV MSK at Suvo, Uro.

ISC 24 07:49:22.9:0.9, 53.34N, 109.72E, 0.02, h25km, 7km, n137, e158/197, mb4.2/20, MS3.6/14, 9C-6D, Lake Baykal region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NVAR, KLVR, KLMM, HLID, ARCES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RABL, MANU, PMG, PMG, HNR, COEN, etc.

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

IDC 24 08:20:37.8-4.8, 54.59N:87.17E, h0km, mbtmp2.7/2, M2.6/2, Error ellipse: s-maj=42.7km s-min=25.5km az=50.0

ASRS 24 08:20:41.0-1.4, 54.34N:86.69E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, etc.

BUI 24 08:21:37.0-5.30S:153.80E, h10km, mB5.1/6, mb4.9/4.2, M4.7/3, Mst7 4.4/4

NEIC 24 08:21:39.7-1.5, 57.6S:107.153.41E-0.08, h10km, 1.1km, mb4.7/7.0, Error ellipse: s-maj=13.6km s-min=11.2km az=83.0

GCMT 24 08:21:41.7-0.3, 6.03S:0.02:153.64E-0.02, h22km, 1km, MW4.8/88, Moment tensor. Solution. s13C18, s88C117; Duration: 0 Moment tensor. Scale 10^16Nm; Mr1.39t.21; Mw0.91t.11; Mw-2.30t.13; Mw-0.32t.18; Mw-0.91t.08; Mw-0.78t.16; Best double couple: M2.2, 15100x10^16 Np1.358.00000, s35.00000, lambda6.00000. NP2:

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJAR, BBJJ, RAR, TJN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IL31, IL31, ILAR, etc.

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Table with columns: MFID, Camas Ranch, 69.48 328, P, Iamb, Iamb, 10 16 17.9 +0.7, 10 16 18.9, 10 16 23.1 +0.6, 10 16 22.5 +0.1, 10 16 22.6 +0.1, 10 16 22.8 +0.4, 10 16 33.6 +0.7, 10 16 55.9 +0.1, 10 16 57.9, 10 17 32.7 -0.9, 10 17 36.5 +0.9, 10 24 26.2 -0.8, 10 24 30.4 +0.2, 10 24 31.1 +1.0, 10 24 31.0 -1.0, 10 24 31.5 -0.5, 10 24 49.3 +1.1, 10 24 59.4 +4.6

KRNET 24 10:10:43.20.0, 1.40:49Nk:72:61E, h11km, mb2.8
ISU 24 10:10:44, 40:54Nk:72:60E, h3km
SOME 24 10:10:45.7, 40:57Nk:72:77E, h5km
ISC 24 10:10:43.0.0.9, 40:50Nk:0.03:72:68E:0.02, h10km, 6km, n22, c1913/43, 22C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC, 0.08 72, P, Sg, 10 10 45.6 +0.2, 10 10 48.0 +0.8, 10 10 46.0 -0.8, 10 10 48.1 -1.2, 10 11 07.4 +0.5, 10 10 59.4 +1.0, 10 11 10.9 +0.9, 10 10 59.9 -0.2, 10 11 12.3 -1.7, 10 11 02.2 +0.5, 10 11 16.3 -0.1, 10 11 05.8 -0.7, 10 11 22.3 0.0, 10 11 09.8 -0.2, 10 11 29.0 +0.7, 10 11 10.4 +0.4, 10 11 30.2 +0.3, 10 11 24.0 +0.6, 10 11 53.6 -0.5, 10 11 27.1 +0.4, 10 11 57.9 +1.6, 10 11 24.8 -0.1, 10 11 55.4 -1.9, 10 11 32.1 +0.5, 10 12 06.3 +1.9, 10 11 28.2 -0.5, 10 12 01.0 +1.0, 10 11 32.2 -0.4, 10 12 06.3 +0.2, 10 11 30.2 -1.1, 10 12 04.3 -0.1, 10 11 31.2 -1.1, 10 12 06.0 -0.2, 10 11 34.4 +2.8, 10 11 43.1 +1.4, 10 12 19.6, 10 11 50.3 -0.4, 10 11 50.3 -0.4, 10 12 37.8 +1.3, 10 11 50.6 -1.1, 10 12 37.9 -0.2, 10 11 56.0 -1.7, 10 12 47.1 -1.0, 10 12 04.5 -2.4, 10 13 01.8 -1.8

IDC 24 10:13:53.8-0.7, 3:75S:29:18E, h0km, mb3.9/12, mbmp4.0/15, ML2, 1/1, MS3, 4/8, Error ellipse: s-maj=19.8km s-min=9.8km az=110.0
NEIC 24 10:13:58.1-2.1, 3:76S:0.07:29:3E:0.1, h10km, 1km, mb4.2/11, Error ellipse: s-maj=19.9km s-min=11.0km az=282.0
ISC 24 10:13:54.9-0.5, 3:82S:0.06:29:21E:0.10, h10km, n37, c237/33, mb4.1/16, MS3, 4/5, 4C, Lake Tanganyika region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC, 3.54 26, Pn, P, 10 14 49.4 -0.7, 10 14 56.1 -1.7, 10 15 37.1, 10 16 25.4, 10 14 50.7 +0.6, 10 15 56.6 -1.4, 10 18 15.2, 10 19 28.0, 10 16 03.7 -0.7, 10 16 08.6 -2.8, 10 16 38.1 -0.3, 10 18 43.3 -3.1, 10 19 50.7, 10 21 41.5, 10 16 38.4 0.0, 10 18 16.9 -0.6, 10 21 43.8 -8.0, 10 23 50.7, 10 18 18.5 +1.0, 10 18 41.0, 10 18 19.7 +0.9, 10 18 33.3 0.0, 10 18 36.0, 10 18 40.4 +1.9, 10 18 42.5 -0.1

Table with columns: LBTT, Lobatse, 21.36 189, P, Iamb, Iamb, 10 18 44.9 +2.3, 10 18 47.6, 10 19 18.9 +0.2, 10 28 43.5, 10 19 59.4, 10 35 19.1, 10 21 59.2 +0.3, 10 23 12.0 +0.3, 10 23 50.1, 10 23 19.7 -0.7, 10 23 20.0 -1.3, 10 24 45.7 +1.9, 10 24 58.8 +0.1, 10 24 58.9 +0.3, 10 24 58.0 -1.3, 10 25 03.3, 10 25 11.6 +4.2, 10 25 16.3 +4.1, 10 25 16.0 +3.5, 10 25 20.0 +3.2, 10 25 20.2 0.0, 10 59 11.7, 10 26 27.4 +0.3, 10 26 37.0, 10 26 38.9 +2.2, 10 26 42.8, 11 10 11.0

IDC 24 10:19:07.9-2.2, 35:71Nk:136:16E, h80km, 38km, mb2.9/2, mbmp3.3/3, MS2, 5/1, Error ellipse: s-maj=84.6km s-min=26.7km az=155.0
JMA 24 10:19:07.2-0.0, 35:45Nk:0:09:136:3E:0.1, h36km, JMA Feb 11 at SHIGA GIFT BORDER REGION
ISC 24 10:19:07.0-1.1, 35:43Nk:0:03:136:28E:0.03, h33km, 3km, n26, c1512/33, 6D, Western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC, 0.26 292, P, Sg, 10 19 14.3 0.0, 10 19 15.5 +1.0, 10 19 15.2 +0.2, 10 19 20.9 +0.7, 10 19 16.4 +0.1, 10 19 22.9 +0.4, 10 19 19.0 -0.3, 10 19 28.3 +0.3, 10 19 21.3 +0.0, 10 19 21.0 0.0, 10 19 30.9 -0.1, 10 19 22.9 +0.4, 10 19 34.4 +0.6, 10 19 23.1 -0.2, 10 19 35.8 +0.6, 10 19 23.9 +0.3, 10 19 36.2 +0.6, 10 19 24.6 +0.2, 10 19 28.2 +1.1, 10 19 26.6 +0.6, 10 19 41.0 +1.0, 10 19 38.3 0.0, 10 19 22.2 +2.4, 10 19 39.1 +1.7, 10 19 38.1 +0.8, 10 20 45.0, 10 19 47.6 +0.7, 10 20 19.1 +1.6, 10 19 53.5 +0.6, 10 20 21.4 +1.2, 10 20 30.7 +1.1, 10 21 34.7 +0.6, 10 23 22.3, 10 28 34.2 -1.7, 10 28 58.9 -3.3

BUI 24 10:24:27.1, 4:68S:101:12E, h23km, mb5.1/10, mb5.0/53, MS4.5/19, MS7.4/21
IDC 24 10:24:30.4-0.6, 3:94S:101:06E, h0km, mb4.6/24, mbmp4.6/25, ML4.4/1, MS3.7/29, Error ellipse: s-maj=21.4km s-min=9.7km az=52.0
MOS 24 10:24:30.7-0.7, 3:99S:101:09E, h17km, mb5.1/43, Error ellipse: s-maj=11.4km s-min=5.2km az=107.7
NEIC 24 10:24:32.4-1.5, 4:03S:0.06:101:01E:0.07, h10km, 1km, mb5.0/58, Error ellipse: s-maj=12.1km s-min=9.7km az=228.0
DJA 24 10:24:32.5-0.3, 4:52S:101:1E, h10km, M5.1/36, mb5.6/12, mb5.2/17, MLV5.0/36, Mw(MB)5.1/12
GFZ 24 10:24:34.2-0.3, 4:53S:101:1E, h24km, M4.8/25, mb4.9/25, confirmed
ISC 24 10:24:33.0-0.5, 4:02S:0:04:101:02E:0.04, h17km, 2km, h18km, pp-P, n323, c1916/304, mb4.9/105, MS3.8/42, 20C-5D, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC, 1.27 78, P, P, 10 24 57.4 +0.2, 10 25 16.1 +1.8, 10 24 57.4 -0.2, 10 25 00.5 -1.4, 10 25 00.6 -1.4, 10 25 01.3 -0.9, 10 25 01.3 -0.9, 10 25 01.7 -1.1, 10 25 06.8 -1.4, 10 25 07.4 -0.8, 10 25 06.1 -2.2, 10 25 07.2 -1.2

Table with columns: KRJI, LHSI, Lahat, 2.50 86, P, AML, AML, 10 25 15.3 -2.2, 10 25 22.5 +1.5, 10 25 23.6 +1.3, 10 25 23.8 +1.4, 10 25 24.1 +0.2, 10 25 33.6 -1.5, 10 25 29.4 +1.4, 10 25 31.3 +0.9, 10 25 38.0 +0.1, 10 25 39.2 +1.3, 10 25 44.3 -0.2, 10 25 48.1 +0.9, 10 25 49.3 +2.0, 10 25 51.0 -0.6, 10 26 06.8 +5.6, 10 26 17.5 +1.3, 10 26 04.3 -0.5, 10 26 06.4 +1.1, 10 26 07.5 +2.2, 10 26 10.4 +3.5, 10 26 08.2 +1.3, 10 26 09.9 +3.0, 10 26 10.2 +3.2, 10 26 12.6 -0.8, 10 26 14.9 +0.2, 10 26 19.9 -0.8, 10 26 19.1 -1.6, 10 26 20.0 -0.8, 10 26 19.8 -1.0, 10 26 33.0 +2.2, 10 26 32.8 +1.7, 10 26 31.5 -0.8, 10 26 38.2 +3.5, 10 26 35.1 +0.5, 10 26 38.2 +3.5, 10 26 37.1 +1.3, 10 26 40.7 -3.1, 10 26 40.9 -2.9, 10 26 40.9 -2.9, 10 26 47.7 +1.9, 10 26 46.9 +1.1, 10 26 47.4 +1.6, 10 26 58.1 +1.5, 10 26 57.3 +0.7, 10 26 58.6 -0.3, 10 26 58.9 0.0, 10 26 59.3 +0.4, 10 27 39.3 +3.5, 10 27 46.9 -0.8, 10 27 45.4 -2.3, 10 27 45.2 -1.6, 10 28 33.5 -0.6, 10 28 46.3 +1.3, 10 28 46.3 +1.1, 10 28 46.3 +1.3, 10 28 49.8 -0.9, 10 28 57.5, 10 29 02.7 -0.5, 10 29 15.5, 10 29 04.9 +1.7, 10 29 09.4 +0.1, 10 29 09.1 -0.1, 10 29 13.7, 10 29 09.3 +0.1, 10 29 31.3 +0.2, 10 29 29.4 -1.8, 10 33 26.8 +1.1, 10 39 28.7, 10 29 31.5 +0.4, 10 29 30.1 -1.0, 10 29 34.8 -0.1, 10 29 34.8 -0.1, 10 29 34.8 -0.1, 10 29 35.4 +0.5, 10 37 28.9, 10 29 44.7 -0.3, 10 30 05.7, 10 29 49.2 +1.0, 10 29 50.4 -1.2, 10 34 12.3 +1.0, 10 29 59.8 +0.4, 10 30 01.2, 10 30 00.3 +0.9, 10 43 40.0, 10 30 21.9 -0.1, 10 30 21.9 -0.1, 11 00 13.7, 11 00 14.3, 11 00 15.2, 10 30 30.2 -0.4, 10 30 38.6, 10 30 32.8 +0.1, 10 30 32.8 +0.1, 10 30 32.8 +0.1, 10 30 36.4 -1.4, 10 30 47.8 +3.7, 10 30 47.5 -0.2

Table with columns for station name, frequency, time, and signal strength. Includes stations like Guiyang, Cape Leeuwin, Everest, Chengdu, Warramunga Arr, Alice Springs, etc.

Table with columns for station name, frequency, time, and signal strength. Includes stations like Korea Array, Wouju Array, Monobe, Kashi, Urumqi, etc.

Table with columns for station name, frequency, time, and signal strength. Includes stations like Chinkent, Chinkent, Zakamensk, Karatay Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PETK, KIRV, BOSA, SEY, etc.

SOME 24 10:27:55.7, 41°93N, 82°12E, h15km
NNC 24 10:28:03.5, 3.9, 42°05N, 81°90E, h0km, mb2.9, mpv2.4,
Error ellipse: s-maj=37.4km s-min=19.6km az=178.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KM31, MAZK, MAZK, etc.

10nm,0.7s
KM31 Makanchi Array 5.01 4 1Pn Pn 10 29 16.0 +1.1
MAZK Makanchi 5.02 2 1Pn Pn 10 29 18.8 -8.8

CNRM 24 11:11:34.1, 34°94N, 3°78W, h4km, ML2.8
MDD 24 11:11:34.9, 0.5, 34°91N, 3°78W, h0km, mb_Lg2.5/14,
Error ellipse: s-maj=4.5km s-min=2.9km az=154.0

ISC 24 11:11:33.9, 1.2, 34°95N, 0°02.3, 375W, 0°02, h4km, ±10km,
n56, e092/91, Morocco

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PALE, AKLM, EMEL, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like UBSS, MAUR, PALU, etc.

ISC 24 11:55:44.0, 1.0, 20°39S, 178°18W, h543km, 21km, mb3.2/6,
mbmp4, 1/9, Error ellipse: s-maj=24.2km s-min=23.9km
az=133.0

24d 14h

Table with columns for station name, frequency, and signal strength. Includes stations like TOR, EIL, HRFI, TAM, LISJ, GHAJ, DBIC, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like VOIR, LOT, GZR, MAK, PLO, VRI, BZS, GHRR, OZUR, ONER, MARR, BIZ, MORH, DRGR, BURAR, OBKA, ISO, MPLH, SOKA, CGRP, STAL, FUSE, ACOM, CTI, TRPA, MYKA, PSZ, PSZ, PSZ, KMPD, ARSA, ARSA, SRO, SESA, ABAH, ABTA, RONA, PALK, KBA, KBA, KECS, CONA, VYHS, VYHS, KOLS, FUORN, ESDC, ESDC, WINA, MODS, MODS, LPG, LESA, HYB, HYB, HYB, HYB, TUE, TUE, BUE, MOA, MOA, WTTA, WTTA, FETA, DAVOX, SQT, WATA.

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Table with columns for station name, frequency, and signal strength. Includes stations like MOTA, JAVC, LANS, PVAQ, PBDV, KWP, LUBAR, NIE, RETA, SSB, SSB, DAVA, DAVA, BNALP, KRUC, KRUC, ATE, UBR, PFVI, PBEJ, CKRC, VRAC, VRAC, VRAC, VRAC, MESJ, MESJ, AK07, GEC2, GEC2, GEC2, GERES, GERES, AK06, AK10, AK05, TREC, CAF, CAF, AK01, KIEV, KIEV, KIEV, KIEV, AKASG, AKASG, AKASG, AKKB, AKKB, AKKB, AKKB, MORC, MORC, PLOUS, PLOUS, PESTR, EVO, EVO, KHC, KHC, KHC, KHC, KHC, KHC, BOURN, ZVC, PARRA, PARRA, PMRV, PMRV, PMRV, GR3C, KRLC, GR1C, LFF, GRB5, RNPFS, RNPFS, RNPFS, RNPFS, BFO, BFO, BFO, BFO, GRB3, RNPFS, DPC, DPC, DPC.

24d 15h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Paso Flores, La Paz, LPZA, etc.

JMA 24 14:21:00.1±0.2, 23.9N;0.6±125.4E;0.6, h36km, MV3.3/11, NEAR MIYAKOJIMA ISLAND

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Miyako jima, JOGS, etc.

SJA 24 14:35:16.0±0.7, 19.61S;69.32W, h108km±3km, ML3.8, MV3.8

GUC 24 14:35:16.7±0.6, 19.58S;69.22W, h106km±3km, ML3.7

IDC 24 14:35:19.3±0.9, 19.53S;68.83W, h129km±45km, mb3.9/2, mbtm3.4/3, Error ellipse: s-maj=54.8km s-min=49.8km

ISC 24 14:35:16.4±0.8, 19.64S;0.03±69.29W;0.06, h109km±5km, n4±1, r136/58, 3C-4D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Chusmiza, Pisagua, Huaquiique, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like IPOC Station P, Alice Springs, etc.

WAKE ISLAND Hyl27.27 279 T T 17 13 48.3

WAKE ISLAND Hyl27.28 279 T T 17 13 44.2

WAKE ISLAND Hyl27.29 280 T T 17 13 43.6

WAKE ISLAND Hyl27.30 280 T T 17 13 44.9

WAKE ISLAND Hyl27.31 280 T T 17 13 45.5

WAKE ISLAND Hyl27.32 280 T T 17 13 47.1

WAKE ISLAND Hyl27.33 280 T T 17 13 47.1

WAKE ISLAND Hyl27.34 280 T T 17 13 47.1

WAKE ISLAND Hyl27.35 280 T T 17 13 47.1

WAKE ISLAND Hyl27.36 280 T T 17 13 47.1

WAKE ISLAND Hyl27.37 280 T T 17 13 47.1

WAKE ISLAND Hyl27.38 280 T T 17 13 47.1

WAKE ISLAND Hyl27.39 280 T T 17 13 47.1

WAKE ISLAND Hyl27.40 280 T T 17 13 47.1

WAKE ISLAND Hyl27.41 280 T T 17 13 47.1

WAKE ISLAND Hyl27.42 280 T T 17 13 47.1

WAKE ISLAND Hyl27.43 280 T T 17 13 47.1

WAKE ISLAND Hyl27.44 280 T T 17 13 47.1

WAKE ISLAND Hyl27.45 280 T T 17 13 47.1

WAKE ISLAND Hyl27.46 280 T T 17 13 47.1

WAKE ISLAND Hyl27.47 280 T T 17 13 47.1

WAKE ISLAND Hyl27.48 280 T T 17 13 47.1

WAKE ISLAND Hyl27.49 280 T T 17 13 47.1

WAKE ISLAND Hyl27.50 280 T T 17 13 47.1

WAKE ISLAND Hyl27.51 280 T T 17 13 47.1

WAKE ISLAND Hyl27.52 280 T T 17 13 47.1

WAKE ISLAND Hyl27.53 280 T T 17 13 47.1

WAKE ISLAND Hyl27.54 280 T T 17 13 47.1

WAKE ISLAND Hyl27.55 280 T T 17 13 47.1

WAKE ISLAND Hyl27.56 280 T T 17 13 47.1

WAKE ISLAND Hyl27.57 280 T T 17 13 47.1

WAKE ISLAND Hyl27.58 280 T T 17 13 47.1

WAKE ISLAND Hyl27.59 280 T T 17 13 47.1

WAKE ISLAND Hyl27.60 280 T T 17 13 47.1

WAKE ISLAND Hyl27.61 280 T T 17 13 47.1

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Arroyo Zacate, Puerto Escondi, etc.

IDC 24 15:05:55.1±2.3, 9.96N;125.69E, h0km, mb3.4/4, mbtm3.4/4, Error ellipse: s-maj=105.3km s-min=24.0km az=58.0

MAN 24 15:06:01.0, 10.06N;126.08E, h13km, MS3.9

ISC 24 15:05:57.5±1.5, 10.02N;100.4±126.01E;0.05, h12km±10km, n19, r153/26, mb3.4/4, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Surigao, Palo, Bislig, etc.

IDC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

ISC 24 15:17:01.3±67.0, 21.03S;178.44E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=1182.0km s-min=157.4km az=82.0, South of Fiji Islands

KRSC 24 14:44:36.3±2.2, 49.52N;156.83E, h6km±35km, M13.7, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Severo-Kuril's, Pauzhetka, etc.

IDC 24 14:53:14.1±2.9, 30.36S;177.33W, h0km, mb3.5/2, mbtm3.5/2, Error ellipse: s-maj=59.4km s-min=26.8km az=87.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Raoul Island, Alice Springs, etc.

MEX 24 14:53:24.7±0.7, 14.35N;92.79W, h22km±48km, MD4.2

GCG 24 14:53:25.7±0.8, 14.46N;92.53W, h53km±18km, MD4.0, Presumed earthquake

ISC 24 14:53:19.9±1.5, 14.18N;0.07±92.70W;0.04, h32km±13km, n23, r285/37, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Catarina, Retalhuleu, etc.

NEIC 24 15:30:19.5±2.1, 44.258N;0.009;115.03W;0.03, h10km±2km, ML3.3/18, ML3.7/33(BUT), Mw3.4/19(SLM), Error ellipse: s-maj=4.0km s-min=3.1km az=286.0

NEIC 24 15:30:19.5±2.1, 44.258N;115.09W, h10km, Moment Tensor Solution, Moment tensor: Scale 10¹⁴Nm; Mrr-0.28; Mss-0.78; Mtt-0.50; Mss-0.13; Mss-0.98; Mrr-0.57; Fault plane solution: M=1.33000x10¹⁴ NP1=340.00000°, 875.00000°, -25.00000°. NP2=77.00000°, 866.00000°, -164.00000°. Principal axes: T=1.3337, P1=6.0000, Azm30.0000; N=0.0003, P1=61.0000; Azm131.0000; P=-1.3339, P1=28.0000; Azm297.0000; BUT 24 15:30:20.5±1.8, 44.26N;0.02;115.06W;0.03, h9km±9km Error ellipse: s-maj=3.6km s-min=2.6km az=196.0

IDC 24 15:30:22.9±2.5, 44.07N;114.88W, h0km, mbtm3.1/3, ML2.8/3, Error ellipse: s-maj=30.2km s-min=13.6km az=147.0

ISC 24 15:30:20.4±0.8, 44.27N;0.03;115.06W;0.03, h11km±63, r1503/48, Western Idaho

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Hailey, Camas Ranch, etc.

MPMC	comp=Z,28nm,1.4s	IAMs_20	IAMs_20	17 51 10.2
WAKIN	comp=Z,3um,22.0s Tinemaha, Big	74.09 44	IAMs_20 IAMs_20	17 52 02.5
TAKR	Walker	74.11 42	IAMB IAMB	17 26 51.2
BC3	Big Chuckawall	74.19 48	IAMB IAMB	17 27 02.2
BC3	comp=Z,2um,20.0s	IAMs_20	IAMs_20	17 51 43.2
HATC	Hat Creek Radi	74.21 39	IAMs_20 IAMs_20	17 51 18.7
BEKR	Beckworth	74.32 40	IAMB IAMB	17 26 56.4
GLA	Glamis	74.33 49	IAMs_20 IAMs_20	17 51 46.1
QSM	Queen of Sheba	74.41 45	IAMB IAMB	17 27 03.8
TPUB	Ta-pu	74.42 300	IAMs_20 IAMs_20	17 52 57.7
DSP	Deep Springs	74.43 43	IAMB IAMB	17 26 58.1
LHV	Little Huntton	74.57 42	IAMB IAMB	17 26 42.8
IRM	Iron Mountain	74.66 48	IAMB IAMB	17 26 50.7
IRM	comp=Z,35nm,1.5s	IAMs_20	IAMs_20	17 52 06.9
GWY	Greenwater Val	74.66 45	IAMB IAMB	17 26 53.0
QSPA	South Pole Qui	74.68 180	P	17 26 35.6 +0.2
QSPA	comp=Z,19nm,1.0s,baz=34,slow=2.5,SNR=27	LR	LR	17 54 24.2
QSPA	comp=Z,2um,21.0s,baz=44,slow=32	P	P	17 26 34.5 -1.0
QSPA	comp=Z,19nm,1.1s	IAMB IAMB	IAMB IAMB	17 26 38.2
QSPA	South Pole Qui	74.68 180	IAMs_20	17 54 12.4
QSPA	South Pole Qui	74.68 180	P	17 26 34.5 -1.0
FURC	Furnace Creek	74.68 45	IAMs_20 IAMs_20	17 53 39.3
SHOC	Shoshone, Teco	74.78 45	IAMs_20 IAMs_20	17 53 04.0
NVAR	Mina Array Bea	74.81 42	P	17 26 38.0 +1.2
NVAR	comp=Z,9.0nm,1.1s,baz=226,slow=8.3,SNR=19	LR	LR	17 51 59.4
NVAR	Mina Array Bea	74.81 42	P	17 26 37.1 +0.3
PAHR	Pat Rah Range	74.84 41	IAMB IAMB	17 26 55.2
SBUM	Sibu	74.88 277	P	17 26 38.7 +1.2
NV11	Mina Array Sit	74.90 42	IAMB IAMB	17 26 41.6
WCT	Wildcat Mounta	75.02 45	IAMB IAMB	17 26 56.2
KDAK	Kodiak Island	75.04 12	P	17 26 39.4 +2.1
KDAK	comp=Z,7.3nm,0.8s,baz=190,slow=6.1,SNR=3.0	LR	LR	17 53 29.2
KDAK	Kodiak Island	75.04 12	P	17 26 37.6 +0.3
KDAK	comp=Z,25nm,1.3s	Pmax	Pmax	
KDAK	Kodiak Island	75.04 12	P	17 26 37.6 +0.3
KDAK	comp=Z,25nm,1.2s	IAMB IAMB	IAMB IAMB	17 27 09.9
TPH	Tonopah	75.32 43	Pmax	17 26 39.5 -0.2
TPH	comp=Z,23nm,1.1s	Pmax	Pmax	
TPH	Tonopah	75.32 43	P	17 26 39.5 -0.2
TPN	Topopah Spring	75.36 45	P	17 26 39.5 -0.4
TPNV	comp=Z,33nm,1.7s	MLR	MLR	
TPNV	Topopah Spring	75.36 45	P	17 26 39.5 -0.4
COR	Corvallis	75.47 35	IAMs_20 IAMs_20	17 54 54.0
MOD	Modoc Plateau	75.56 39	IAMB IAMB	17 27 04.1
MOD	comp=Z,31nm,1.4s	IAMs_20 IAMs_20	IAMs_20	17 52 25.3
KSRS	Korea Array	75.61 316	P	17 26 41.4 +0.3
KSRS	comp=Z,2.0nm,0.9s,baz=140,slow=6.4,SNR=7.3	LR	LR	17 57 09.3
KSAR	Wonju Array Be	75.63 316	P	17 26 38.4 -2.8
KSAR	Wonju Array Be	75.63 316	P	17 26 38.4 -2.8
TYV	TYV	75.98 333	eP	17 26 43.1 +0.2
TYV	TYV		sP	17 36 25.0 -0.5
TYV	comp=Z,13nm,1.1s	Pmax	Pmax	
TYV	comp=Z,200nm,3.4s	Pmax	Pmax	
TYV	comp=N,100nm,4.0s	smax	smax	
TYV	comp=E,200nm,4.0s	smax	smax	
INCN	Inchon	76.50 315	IAMs_20 IAMs_20	17 57 14.5
O18K	Koktuh Hills	76.52 10	IAMB IAMB	17 26 55.9
KNMB	Chin-me Tao	76.77 300	IAMs_20 IAMs_20	17 59 59.8
WVOR	Wild Horse Val	76.87 39	IAMB IAMB	17 27 06.7
WVOR	comp=Z,2um,20.0s	IAMs_20 IAMs_20	IAMs_20	17 55 35.1
WVOR	Wild Horse Val	76.87 39	P	17 26 50.5 +2.1
USA0B	Ussuriysk Arra	76.91 323	eP	17 26 49.7 +1.4
USA0B	Ussuriysk Arra	76.91 323	P	17 26 48.9 +0.6
USRK	comp=Z,1.8nm,0.7s,baz=58,slow=4.7,SNR=6.9	LR	LR	17 54 22.8
USRK	comp=Z,2um,21.6s,baz=128,slow=31	LR	LR	
USRK	Ussuriysk Ar.	76.91 323	P	17 26 47.9 -0.4
TUC	Tucson	76.95 51	P	17 26 49.6 +0.6
TUC	comp=Z,26nm,1.5s	Pmax	Pmax	
TUC	comp=Z,3um,20.0s	MLR	MLR	
TUC	Tucson	76.95 51	P	17 26 49.6 +0.6
TUC	comp=Z,26nm,1.5s	IAMB IAMB	IAMB IAMB	17 26 59.0
TUC	Tucson	76.95 51	P	17 26 51.6 +2.7
NLWA	Neilton Lookou	76.97 32	IAMs_20 IAMs_20	17 55 53.6
L14K	Kuka Creek	77.00 6	P	17 26 47.9 -0.5
L14K	comp=Z,19nm,1.1s	IAMB IAMB	IAMB IAMB	17 26 58.1
M16K	Timber Creek	77.10 8	IAMB IAMB	17 26 57.1
H02S2	DAWSON INLET T	77.12 24	T	18 51 39.1
H02S1	DAWSON INLET T	77.12 24	T	18 51 39.1
I07A	Ize	77.32 37	IAMB IAMB	17 27 08.1
K13K	Kusilvak Mount	77.41 5	IAMB IAMB	17 26 54.1
RED	Redoubt Volcan	77.47 11	IAMB IAMB	17 26 57.8
J08A	Circle Bar Ran	77.50 38	IAMB IAMB	17 27 00.3
N19K	Bonanza Creek	77.54 10	IAMB IAMB	17 27 02.2
M17K	Hollita River	77.66 8	IAMB IAMB	17 27 08.8
L16K	Owhat River	77.70 7	IAMB IAMB	17 27 00.5
WUAZ	Wupatki	78.03 48	IAMs_20 IAMs_20	17 52 49.0
ELK	Elko	78.05 42	LR	17 57 11.1
ELK	comp=Z,892nm,18.2s,baz=230,slow=32	LR	LR	

ELK	comp=Z,22nm,1.6s	IAMs_20	IAMs_20	17 59 11.4
BBB	Bella Bella	78.19 27	LR	17 53 46.1
G06A	Pilot Rock	78.35 36	IAMB IAMB	17 27 13.5
MDJ	Mudanjiang	78.54 323	IAMs_20 IAMs_20	17 54 49.5
STLK	Strandline Lak	78.64 11	IAMB IAMB	17 29 51.4
HAWA	Hanford	78.68 35	IAMB IAMB	17 55 31.8
GRNR	Gornyy	78.74 331	iP	17 26 58.6 +0.2
GRNR	comp=Z,4.0nm,1.3s	Pmax	Pmax	
K17M	Kayak Island	78.80 15	IAMs_20 IAMs_20	17 55 17.9
K17M	comp=Z,1um,19.0s	IAMB IAMB	IAMB IAMB	17 27 33.6
EYAK	Cordova Ski Ar	79.03 14	IAMs_20 IAMs_20	17 55 41.8
V35K	Ketchikan	79.05 23	IAMs_20 IAMs_20	17 53 06.4
BMO	Blue Mountains	79.05 37	IAMs_20 IAMs_20	17 54 35.7
U33K	Whale Pass	79.09 22	IAMs_20 IAMs_20	17 54 01.4
MFID	Camas Ranch	79.13 39	IAMs_20 IAMs_20	17 54 16.9
DUG	Dugway, Toole	79.35 43	IAMs_20 IAMs_20	17 57 53.7
BERG	Berg Lake	79.38 15	IAMs_20 IAMs_20	17 55 40.2
J17K	VABM Dome	79.39 7	IAMB IAMB	17 27 09.9
D08A	Wollman Farm	79.41 35	IAMB IAMB	17 27 19.1
GHO	Glory Hole Cre	79.44 12	IAMB IAMB	17 27 09.2
S31K	Pelican	79.47 19	IAMs_20 IAMs_20	17 54 42.5
DIV	Divide	79.54 14	IAMB IAMB	17 27 10.3
HKFS	Hong Kong Pa S	79.54 297	IAMs_20 IAMs_20	17 58 11.5
NJ2	Nanjing	79.55 307	eP	17 27 05.3 +2.1
NJ2	comp=Z,22nm,0.5s	Pmax	Pmax	
NJ2	comp=Z,2um,14.7s	L	L	
NJ2	comp=Z,3um,19.4s	L	L	
NJ2	comp=Z,3um,22.6s	L	L	
WRAK	Wrangell Islan	79.60 22	IAMs_20 IAMs_20	17 54 15.9
S32K	Killisnoo	79.63 20	IAMs_20 IAMs_20	17 54 05.6
BMRM	Bremner River	79.66 14	IAMs_20 IAMs_20	18 00 02.7
F10A	Beach Ranch, E	79.73 36	IAMB IAMB	17 27 21.8
J18K	Innoko River	79.74 8	P	17 27 04.5 +0.9
CUT	Chulitna	79.77 11	IAMs_20 IAMs_20	17 54 50.5
L22K	Petersville	79.79 11	IAMs_20 IAMs_20	17 55 13.9
SCM	Sheep Creek Mo	79.83 13	IAMB IAMB	17 27 11.3
CRQM	Cirque	79.83 15	IAMB IAMB	17 27 11.8
CRQM	comp=Z,24nm,1.0s	IAMs_20 IAMs_20	IAMs_20	17 57 03.4
YAH	Yahits	79.85 16	IAMs_20 IAMs_20	17 57 04.5
MA2	Magadan	79.91 343	LR	17 58 37.6
TGL	Tana Glacier	79.91 15	IAMB IAMB	17 27 14.7
PLID	Pearl Lake	79.95 38	IAMB IAMB	17 27 22.1
PLID	comp=Z,38nm,1.9s	IAMs_20 IAMs_20	IAMs_20	17 55 16.5
KLR	Kul'dur	80.08 327	eP	17 27 06.6 +0.8
VRDI	Verde Repeater	80.17 15	IAMB IAMB	17 27 13.5
H2U	Hansel Valley	80.18 42	IAMB IAMB	17 27 15.0
R32K	Eaglecrest	80.28 20	IAMs_20 IAMs_20	17 55 07.8
P29M	Windy Craggy	80.35 18	IAMs_20 IAMs_20	17 55 20.9
BESE	Besse Mountai	80.41 20	IAMs_20 IAMs_20	17 54 29.2
LOGN	Logan Glacier	80.44 16	IAMs_20 IAMs_20	17 57 41.1
BNX	BinXian	80.45 323	iP	17 27 07.9 +0.1
BNX	comp=Z,9.0nm,0.8s	sP	sP	17 27 11.3 -1.4
BNX	comp=Z,290nm,5.4s	S	S	17 37 15.9 +2.0
BNX	comp=Z,850nm,19.5s	sS	sS	17 37 21.0 +1.2
BNX	comp=Z,1um,24.4s	Pmax	Pmax	
BNX	comp=Z,2um,18.8s	L	L	
O28M	Mount Upton	80.61 16	IAMs_20 IAMs_20	17 57 36.6
DL2	Dalian	80.62 315	eP	17 27 08.9 0.0
DL2	comp=Z,48nm,1.1s	S	S	17 37 22.8 +6.9
DL2	comp=Z,770nm,18.0s	Pmax	Pmax	
DL2	comp=Z,1um,19.5s	L	L	
O29M	Mount Kennedy	80.66 17	IAMB IAMB	17 28 56.6
O29M	comp=Z,1um,20.0s	IAMs_20 IAMs_20	IAMs_20	17 55 43.1
KTH	Kantishna Hill	80.71 10	IAMB IAMB	17 27 21.4
TRF	Thorofare Moun	80.73 11	IAMs_20 IAMs_20	17 55 31.8
VHRN	Van Horn	80.74 55	IAMB IAMB	17 27 22.3
J20K	Nowinta River	80.78 9	IAMB IAMB	17 27 18.8
T35M	Gold Queen	80.79 23	IAMs_20 IAMs_20	17 54 22.4
HARP	HAARP	80.80 13	IAMB IAMB	17 27 42.6
MNTX	Cornudas Mount	80.81 54	IAMB IAMB	17 27 26.3
MNTX	comp=Z,36nm,1.9s	IAMs_20 IAMs_20	IAMs_20	17 55 59.8
MNTX	comp=Z,1um,20.0s	80.81 54	P	17 27 12.5 +2.4
MNTX	Cornudas Mount	80.84 46	IAMB IAMB	17 27 19.6
PV05	Paradox Valley	80.84 46	IAMB IAMB	17 27 19.6
HWUT	Hardware Ranch	80.87 42	IAMs_20 IAMs_20	17 55 29.1
RND	Reindeer	80.95 11	IAMB IAMB	17 27 34.6
RND	comp=Z,40nm,1.3s	IAMs_20 IAMs_20	IAMs_20	17 57 00.6
PV20	West Nyswonger	81.06 46	IAMB IAMB	17 27 34.4
BCYI	Bear Canyon	81.09 39	IAMB IAMB	17 27 20.2
NEW	Newport	81.10 35	LR	17 57 06.0
NEW	comp=Z,1um,19.8s,baz=225,slow=31	LR	LR	
NEW	Newport	81.10 35	IAMs_20 IAMs_20	17 56 54.9
S34M	Telegraph Cree	81.16 22	IAMs_20 IAMs_20	17 54 44.2

PV12	Saucer Basin,	81.16 46	IAMB IAMB	17 27 30.4
TXAR	Lajitas Arra	81.22 56	P	17 27 14.2 +1.8
TXAR	comp=Z,3.2nm,1.1s,baz=245,slow=5.4,SNR=12	LR	LR	17 55 23.4
TXAR	comp=Z,2um,21.1s,baz=235,slow=30	81.22 56	P	17 27 11.3 -1.1
MCK	McKinley	81.23 11	IAMs_20 IAMs_20	17 57 20.1
M26K	Nabesna, AK	81.29 14	IAMB IAMB	17 27 20.1
I20K	Nagadenden	81.32 8	IAMB IAMB	17 27 22.9
TASM	ASL Pad, Albuq	81.35 50	IAMs_20 IAMs_20	17 55 28.1
TASM	ASL Pad, Albuq	81.35 50	IAMs_20 IAMs_20	17 55 28.0
TASM	ASL Pad, Albuq	81.35 50	IAMs_20 IAMs_20	17 55 28.1
ALQ	Albuquerque	81.35 50	IAMs_20 IAMs_20	17 55 28.1
ANMO	Albuquerque	81.35 50	LR	17 57 09.1
ANMO	comp=Z,2um,19.0s,baz=224,slow=31	Pmax	Pmax	17 27 16.3 +3.1
UNM	Universidad Na	81.42 67	IAMs_20 IAMs_20	17 54 24.6
M27K	Edge Creek, AK	81.52 15	IAMB IAMB	17 27 27.4
M27K	comp=Z,40nm,1.3s	IAMs_20 IAMs_20	IAMs_20	18 00 54.8
BWN	Browne	81.54 11	IAMs_20 IAMs_20	17 56 19.0
Q32M	Nakina River	81.56 20	IAMB IAMB	17 27 28.0
Q32M	comp=Z,2.1nm,1.3s	IAMs_20 IAMs_20	IAMs_20	17 56 07.7
P32M	comp=Z,2um,20.0s	81.56 19	IAMs_20 IAMs_20	17 55 36.9
AHID	Auburn Hatcher	81.75 42	IAMs_20 IAMs_20	17 59 53.2
O30N	Mendenhall	81.76 18	IAMB IAMB	17 27 22.6
O30N	comp=Z,16nm,0.9s	IAMs_20 IAMs_20	IAMs_20	17 56 26.1
K24K	Donnelly Dams	81.91 12	IAMB IAMB	17 27 24.7
DLBC	Dease Lake	81.94 22	LR	17 55 41.1
NEA2	Nenana	81.99 11	IAMs_20 IAMs_20	17 56 32.3
N30M	Aishikik Lake	82.03 17	IAMs_20 IAMs_20	17 56 27.2
MSO	Missoula	82.07 37	P	17 27 16.6 -0.1
MSO	comp=Z,26nm,1.6s	IAMB IAMB	IAMB IAMB	17 55 24.9
DLMT	Dillon	82.13 39	IAMs_20 IAMs_20	17 56 15.2
L27K	comp=Z,1um,22.0s	82.14 14	IAMB IAMB	17 27 30.4
BCAR	Beaver Creek A	82.15 14	P	17 27 16.2 -0.3
QIZ	Qiongzhong	82.20 292	P	17 27 19.0 +1.3
QIZ	comp=Z,440nm,15.1s	S	S	17 37 39.3 +0.7
QIZ	comp=Z,450nm,19.2s			

24d 17h

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like F21K Alatina River, G23K Bananza Creek, T25A Trinidad, etc.

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Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like XAN comp=Z,710nm,16.5s, XAN comp=Z,1um,20.6s, XAN comp=Z,1um,20.6s, etc.

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Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like 742A Van Buren, NNA Nana, ULN Ulanbaatar, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like ANGG Ammassalik, ARTI Arti, KIRV Kirov, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like ECH Echery, HERR Herculeane, MORH Hony, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like SPWE Spurr West, SPNN North Nagishla, SEW Seward, etc.

IDD 24 17:30:13.2z.0.7, 61.53N:150.31W, h0km, mb3.7/11, mblmp3.7/14, ML3.3/3, MS3.9/2, Error ellipse: s-maj=20.0km s-min=9.8km az=109.0. NEIC 24 17:30:29.0z.0.8, 61.50N:0.03:149.93W:0.03, h54km, 5km, mb3.9/3, ML3.6/206, MB3.8/4(AEIC), Error ellipse: s-maj=4.4km s-min=0.5km az=148.0. AEIC 24 17:30:21.0z.0.8, 61.61N:0.03:149.91W:0.05, h48km, 6km, mb3.9/3, ML3.6/206, MB3.8/4(AEIC), Error ellipse: s-maj=3.4km az=185.0. ISC 24 17:30:20.0z.0.8, 61.49N:0.03:149.91W:0.02, h56km, 6km, n196, o089/166, mb3.8/2, Southern Alaska

Table with columns for Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like M22K Willow, PMR Palmer, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like P19K Oil Pt, P19K Chitina, BMRM Bremner River, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like E23K Chandalar, LBZ Lake Benmore, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ASAR 4.2nm,0.6s, STKA Stephens Creek, CMAR Chiang Mai Arr, etc.

IDC 24 19:44:26.6:4.9, 45:35N, 149:96E, h97km, 43km, mb3.4/11, mbtmp3.8/12, Error ellipse: s-maj=30.4km s-min=25.3km

MOS 24 19:44:26.0:2.0, 45:27N, 150:06E, h116km, mb4.4/1, Error ellipse: s-maj=14.6km s-min=10.3km az=135.3

NEIC 24 19:44:26.3:1.4, 45:5N, 0:1, 149:7E, 0:1, h86km, 5km, mb4.1/11, Error ellipse: s-maj=17.3km s-min=11.8km az=140.0

JMA 24 19:44:27.6:1.2, 45:5N, 150:06E, h30km, MV.2/13, KURILE ISLANDS REGION

SKHL 24 19:44:27.5:0.2, 45:10N, 150:10E, h116km, 5km, mb4.8/3, msh5.7/3

ISC 24 19:44:25.7:0.7, 45:06N, 0:07, 150:21E, 0:07, h100km, n71, 45:127N, mb3.9/17, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like REI Reidovoe, KUR Kuril'sk, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BCAR Beaver Creek A, I28M Miner Creek, G29M Pine Creek, etc.

IDC 24 20:05:36.4, 38:10N, 38:60E, h7km, 3km, ML1.3, Turkey

NSSP 24 20:07:46.9, 41:82N, 45:90E, h10km, Ms3.0

AZER 24 20:07:47.9, 41:83N, 45:92E, h22km, m/3.2

NORS 24 20:07:48.6, 41:93N, 46:01E, h10km, MPVA.3.9

MOS 24 20:07:49.4, 41:93N, 46:01E, h26km, MPVA.3.9

TIF 24 20:07:49.3, 41:94N, 45:97E, h29km

DRS 24 20:07:50.5, 41:95N, 45:96E, h9km

ISC 24 20:07:49.3, 0.9, 41:89N, 0:01, 45:95E, 0:01, h17km, 8km, n135, 45:123/246, mb3.2/3, 5C-6D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LGD Lagodekhi, TLTR Tlyarata, DDFL Dedoplistskaro, etc.

IDC 24 19:04:10.3:0.9, 3:76S, 131:64E, h0km, mb3.9/10, mbtmp3.9/13, ML4.0/3, Error ellipse: s-maj=41.6km s-min=13.9km az=77.0

DJA 24 19:04:15.9:0.2, 4:52S, 13:2E, h74km, 7km, M4.2/20, mb4.9/3, mb4.3/10, MLv4.1/20, Mw(mB)4.1/3

ISC 24 19:04:13.7:0.6, 3:92S, 0:06, 131:58E, 0:05, h29km, n22, 45:227/17, mb3.9/17, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, BNDI Bandanaira, SNI Sorong, etc.

comp=Z, 2.0nm, 0.5s, baz=57, slow=4.6, SNR=33

comp=Z, 2.0nm, 0.5s, baz=57, slow=4.9, SNR=2.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=4.7, SNR=1.9

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.5

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.5

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

comp=Z, 2.0nm, 0.5s, baz=57, slow=5.5, SNR=4.2

Table with columns: KRNR, comp-Z, pmax, pmax, and various station names like KZRT, KZRT, KZRT, etc.

Table with columns: KBZ, Khabaz, 2.90 310 Pn, P, 20 08 38.2 -2.4, and various station names like KBZ, KBZ, KBZ, etc.

Table with columns: TEKS, Tekeris, 1.68 66, eSg, Sg, 20 24 58.2 +0.2, and various station names like TEKS, TEKS, TEKS, etc.

Table with columns: Station Name, Code, Station Name, Δ, AZZ, Phase ID, Time Res, h m s, ISC. Includes stations like Batken, Kastek, Degeres, etc.

Table with columns: Station Name, Code, Station Name, Δ, AZZ, Phase ID, Time Res, h m s, ISC. Includes stations like Afi, MSVF, DZM, H1S1, etc.

Table with columns: Station Name, Code, Station Name, Δ, AZZ, Phase ID, Time Res, h m s, ISC. Includes stations like Matakaoa Point, Waipu Caves, Raukumara Rang, etc.

24d 21h

Table containing station names, codes, and seismic data for stations in the 24d 21h region, including UPA 2421:51:07.4s.0.9, MOS 2421:51:07.1s.1.0, UCR 2421:51:08.9s.0.7, etc.

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Table listing seismic stations in the 2020 AUG region, including JTS Las Juntas de 0.70 336 P, JTS Las Juntas de 0.70 336 J, JTS Las Juntas de 0.70 336 Sg, etc.

2020 AUG

Table listing seismic stations in the 2020 AUG region, including WILN Americas 2 2.91 329 P, WILN Managua 2.93 328 S, WILN Managua 2.93 328 Pn, etc.

1400

Table listing seismic stations in the 1400 region, including WILN Americas 2 2.91 329 P, WILN Managua 2.93 328 S, WILN Managua 2.93 328 Pn, etc.

CMLA	Chad da Macela	59.85	52	eP	P	22 01 13.1	-0.5
CMLA	Chad da Macela	59.85	52	iAmb	IAMB	22 01 20.1	
CMLA	Chad da Macela	59.85	52	P	P	22 01 11.8	-1.7
CMLA	Chad da Macela	59.85	52	IAMS_20	IAMS_20	22 23 26.9	
PGRON	Lagoa das Cont	59.97	52	eP	P	22 01 13.9	-0.5
PGRON	Lagoa das Cont	59.97	52	iAmb	IAMB	22 01 17.1	
PSMN	Pico do Norte	60.06	53	eP	P	22 01 14.1	-0.9
PSMN	Pico do Norte	60.06	53	iAmb	IAMB	22 01 17.0	
BARTOL	Pico Bartolomeu	60.13	52	eP	P	22 01 15.0	-0.6
BARTOL	Pico Bartolomeu	60.13	52	iAmb	IAMB	22 01 21.0	
Q32M	Nakina River	60.87	334	IAMS_20	IAMS_20	22 30 59.0	
S32K	Killisnoo	61.11	332	IAMS_20	IAMS_20	22 32 20.5	
R32K	Eaglecrest	61.49	333	IAMS_20	IAMS_20	22 29 45.7	
SFJD	Kangerlussuaq	61.70	14	LR	LR	22 28 21.5	
SFJD	Kangerlussuaq	61.70	14	P	P	22 01 22.5	-3.1
SFJD	Kangerlussuaq	61.70	14	pmax	pmax		
SFJD	Kangerlussuaq	61.70	14	MLR	MLR		
SFJD	Kangerlussuaq	61.70	14	P	P	22 01 21.7	-3.9
SFJD	Kangerlussuaq	61.70	14	P	P	22 01 22.5	-3.1
SFJD	Kangerlussuaq	61.70	14	IAMB	IAMB	22 01 34.3	
SFJD	Kangerlussuaq	61.70	14	iP	P	22 01 20.9	-4.7
SFJD	Kangerlussuaq	61.70	14	IAMB	IAMB	22 01 23.5	
SFJD	Kangerlussuaq	61.70	14	P	P	22 01 21.7	-3.9
SFJD	Kangerlussuaq	61.70	14	P	P	22 01 21.7	-3.9
SFJD	Kangerlussuaq	61.79	335	IAMS_20	IAMS_20	22 31 29.5	
BESE	Bessie Mountain	61.80	333	IAMS_20	IAMS_20	22 31 36.9	
BESE	Bessie Mountain	61.83	334	IAMS_20	IAMS_20	22 31 36.6	
S31K	Pelican	62.12	332	IAMS_20	IAMS_20	22 33 40.4	
N32M	Quiet Lake	62.42	336	IAMS_20	IAMS_20	22 32 42.7	
GDH	Godhavn	62.85	12	iP	P	22 01 29.2	-4.0
GDH	Godhavn	62.85	12	IAMB	IAMB	22 01 31.5	
ILULI	Ilulissat	63.34	13	iP	P	22 01 32.8	-3.6
ILULI	Ilulissat	63.34	13	IAMB	IAMB	22 01 34.7	
ILULI	Ilulissat	63.34	13	P	P	22 01 33.3	-3.2
ILULI	Ilulissat	63.34	13	P	P	22 01 42.4	-1.5
ILULI	Ilulissat	63.34	13	P	P	22 02 22.7	
N31M	Mendenhall	64.36	335	IAMS_20	IAMS_20	22 32 00.4	
N31M	Mendenhall	64.36	335	IAMB	IAMB	22 03 00.4	
N31M	Mendenhall	64.36	335	IAMS_20	IAMS_20	22 33 57.9	
SAQQ	Saqqaaq	63.80	12	iP	P	22 01 35.6	-3.9
SAQQ	Saqqaaq	63.80	12	IAMB	IAMB	22 01 44.9	
ISOG	Isortoq, Green	64.02	19	iP	P	22 01 36.9	-4.2
ISOG	Isortoq, Green	64.02	19	IAMB	IAMB	22 01 50.0	
ISOG	Isortoq, Green	64.02	19	P	P	22 01 37.5	-3.5
HYT	Haines Junction	64.09	334	P	P	22 01 40.9	-0.9
NIQA	Niaqornat	64.10	11	iP	P	22 01 39.5	-1.9
NIQA	Niaqornat	64.10	11	IAMB	IAMB	22 01 50.6	
N30M	Aishikkik Lake	64.23	335	IAMS_20	IAMS_20	22 32 04.9	
O29M	Mount Kennedy	64.31	333	IAMS_20	IAMS_20	22 32 30.0	
ANGG	Ammassalik, Gr	64.51	20	iP	P	22 01 40.3	-3.9
ANGG	Ammassalik, Gr	64.51	20	IAMB	IAMB	22 01 41.9	
SAATT	Saattut	64.51	12	iP	P	22 01 40.3	-3.8
SAATT	Saattut	64.51	12	IAMB	IAMB	22 01 44.6	
NUUG	Nuugaatsiaq	64.81	11	iP	P	22 01 42.7	-3.4
NUUG	Nuugaatsiaq	64.81	11	IAMB	IAMB	22 01 45.1	
PCA	Pinnaacle	64.96	333	IAMS_20	IAMS_20	22 33 23.3	
O28M	Mount Upton	65.23	334	IAMS_20	IAMS_20	22 35 47.5	
EFI	East Failand	65.24	167	P	P	22 01 49.8	+0.6
RES	Resolute Bay	65.27	332	LR	LR	22 31 20.3	
M29M	Somme Creek	65.28	336	IAMS_20	IAMS_20	22 34 25.7	
UPNV	Upervnavik	65.36	9	iP	P	22 01 46.0	-3.7
UPNV	Upervnavik	65.36	9	IAMB	IAMB	22 01 48.0	
H31M	Peel River	65.51	340	IAMS_20	IAMS_20	22 31 42.5	
K29M	Barlow Dome	65.60	337	IAMS_20	IAMS_20	22 33 59.1	
LOGN	Logan Glacier	65.61	333	IAMS_20	IAMS_20	22 34 00.4	
USHA	Ushuaia	66.67	170	LR	LR	22 24 40.2	
I30M	Mount Dempster	65.89	339	IAMB	IAMB	22 03 14.6	
GRNC	Granite Creek	65.91	333	IAMS_20	IAMS_20	22 34 10.3	
PMOZ	Porto Moniz, M	65.93	58	P	P	22 01 55.7	+1.4
PMOZ	Porto Moniz, M	65.93	58	iP	P	22 01 54.0	-0.2
PMOZ	Porto Moniz, M	65.93	58	eS	S	22 01 44.1	+3.4
PMOZ	Porto Moniz, M	65.93	58	eLR	LR	22 21 33.0	
PMOZ	Porto Moniz, M	65.93	58	IAMS_20	IAMS_20	22 27 57.6	
BARN	Barnard Glacie	66.00	333	IAMS_20	IAMS_20	22 34 19.9	
G31M	Satah River	66.12	341	IAMS_20	IAMS_20	22 35 08.7	
PMAR	Madeira	66.16	59	eP	P	22 01 55.2	-0.6
MACI	Morro de la Ar	66.30	63	P	P	22 01 57.6	+0.8
MACI	Morro de la Ar	66.30	63	P	P	22 01 56.8	-0.1
EPYK	Eagle Plains	66.63	340	IAMS_20	IAMS_20	22 34 27.2	
M27K	Edge Creek, AK	66.66	335	IAMS_20	IAMS_20	22 32 02.1	
I29M	Oglivie Camp	66.66	338	IAMS_20	IAMS_20	22 34 27.0	
INK	Inuvik	66.69	342	LR	LR	22 35 29.6	
INK	Inuvik	66.69	342	IAMB	IAMB	22 02 44.3	
INK	Inuvik	66.69	342	P	P	22 01 56.5	-1.8
MCARA	McCarthy VSAT	66.74	334	IAMS_20	IAMS_20	22 34 43.3	
KULLO	Kullorsuaq	66.77	8	iP	P	22 01 54.4	-4.3
KULLO	Kullorsuaq	66.77	8	IAMB	IAMB	22 01 59.3	
G30M	taoh Zrail Nji	66.79	340	IAMS_20	IAMS_20	22 36 24.4	
KAIM	Kayak Island	66.80	332	IAMS_20	IAMS_20	22 33 12.0	
VRDI	Verde Repeater	66.87	333	IAMB	IAMB	22 03 12.2	
VRDI	Verde Repeater	66.87	333	IAMS_20	IAMS_20	22 36 00.7	
BCAR	Beaver Creek A	66.92	335	P	P	22 01 58.9	-1.1
F30M	Barrier River	66.99	341	IAMS_20	IAMS_20	22 35 45.8	
GLB	Gilgahia Butte	67.11	333	IAMS_20	IAMS_20	22 36 09.1	
H29M	Whitestone	67.12	339	IAMS_20	IAMS_20	22 37 06.2	
M26K	Nabesna, AK	67.15	335	IAMS_20	IAMS_20	22 34 28.0	
G29M	Pine Creek	67.35	340	IAMS_20	IAMS_20	22 32 35.4	
MID	Middleton Isia	67.53	331	IAMS_20	IAMS_20	22 36 55.3	
L26K	Log Cabin Wild	67.55	335	IAMS_20	IAMS_20	22 35 55.8	

MENT	Mentasta	67.67	335	IAMB	IAMB	22 03 20.9	
I27K	Kandik River	67.99	338	P	P	22 02 05.3	-1.4
I27K	Kandik River	67.99	338	IAMB	IAMB	22 03 02.2	
SOEG	Soedaln	68.01	19	iP	P	22 02 02.8	-3.9
KLU	Klutina	68.07	333	IAMS_20	IAMS_20	22 34 52.4	
HARP	HAARP	68.07	334	IAMS_20	IAMS_20	22 35 10.4	
E29M	Blow River	68.08	341	IAMB	IAMB	22 02 21.4	
P23K	Montague Isan	68.23	331	IAMS_20	IAMS_20	22 33 56.8	
H27K	Steamboat Moun	68.25	339	IAMS_20	IAMS_20	22 33 48.0	
F28M	Old Crow	68.33	340	IAMS_20	IAMS_20	22 37 12.2	
G27K	Doyon Strip	68.56	339	IAMS_20	IAMS_20	22 38 06.1	
E28M	Babbage River	68.71	341	IAMB	IAMB	22 02 23.6	
SCM	Sheep Creek Mo	68.82	333	IAMS_20	IAMS_20	22 35 14.2	
K24K	Donnelly Dome	68.86	335	IAMB	IAMB	22 02 59.8	
POHA	Pohakuloa	68.88	287	IAMS_20	IAMS_20	22 25 51.0	
J25K	Salcha River	69.01	336	P	P	22 02 11.4	-1.7
J25K	Salcha River	69.01	336	IAMB	IAMB	22 03 52.5	
J25K	Salcha River	69.01	336	IAMS_20	IAMS_20	22 35 22.3	
E27K	Coleen River	69.18	340	IAMB	IAMB	22 02 22.0	
E27K	Coleen River	69.18	340	IAMS_20	IAMS_20	22 37 44.4	
SML	Sawmill	69.26	333	IAMS_20	IAMS_20	22 35 28.9	
DHY	Denali Highway	69.27	334	IAMS_20	IAMS_20	22 35 34.1	
PRP	Porcupine Dome	69.43	337	IAMS_20	IAMS_20	22 36 19.3	
D27M	Malcolm River	69.48	342	IAMS_20	IAMS_20	22 37 23.4	
HDA	Harding Lake	69.57	336	IAMB	IAMB	22 02 27.9	
PPTF	Pamatai, Papee	69.57	247	IAMS_20	IAMS_20	22 24 39.9	
PPT	Papeete	69.58	247	LR	LR	22 24 59.7	
RCO1	Rabbit Creek A	69.67	332	IAMB	IAMB	22 02 38.3	
IL31	Eielson Array	69.68	336	IAMB	IAMB	22 03 37.0	
ILAR	Eielson Array	69.68	336	P	P	22 02 15.9	-1.2
ILAR	Eielson Array	69.68	336	IAMB	IAMB	22 38 08.6	
ILAR	Eielson Array	69.68	336	P	P	22 02 15.0	-2.1
SLKM	Skliak Lake	69.72	331	IAMB	IAMB	22 03 20.4	
SLKM	Skliak Lake	69.72	331	IAMS_20	IAMS_20	22 36 43.4	
FYU	Fort Yukon	69.74	338	IAMS_20	IAMS_20	22 35 56.4	
F26K	Sheerley River	69.82	339	IAMS_20	IAMS_20	22 36 35.4	
BRLK	Bradley Lake	69.83	330	IAMB	IAMB	22 03 30.1	
BRLK	Bradley Lake	69.83	330	IAMS_20	IAMS_20	22 35 37.4	
CNPM	China Poot	69.94	330	IAMS_20	IAMS_20	22 36 04.0	
NEEM	North Greenlan	70.00	7	iP	P	22 02 16.1	-3.2
NEEM	North Greenlan	70.00	7	IAMB	IAMB	22 02 19.7	
CCB	Clear Creek Bu	70.00	336	IAMS_20	IAMS_20	22 36 22.4	
RND	Reindeer	70.01	334	IAMB	IAMB	22 03 09.7	
M22K	Willow	70.05	333	IAMS_20	IAMS_20	22 35 52.8	
WRH	Wood River Hill	70.05	336	IAMS_20	IAMS_20	22 36 23.9	
COLA	College	70.10	336	P	P	22 02 19.5	-0.2
COLA	College	70.10	336	iP	P	22 02 18.0	-1.7
COLA	College	70.10	336	pmax	pmax		
COLA	College	70.10	336	P	P	22 02 17.1	-2.5
COLA	College	70.10	336	S	S	22 11 27.1	-2.0
COLA	College	70.10	336	IAMS_20	IAMS_20	22 37 00.1	
COLA	College	70.10	336	P	P	22 02 18.2	-1.4
BORG	Borgasne	70.12	24	P	P	22 02 18.2	-1.6
BORG	Borgasne	70.12	24	pmax	pmax		
BORG	Borgasne	70.12	24	MLR	MLR		
BORG	Borgasne	70.12	24	P	P	22 02 18.2	-1.6
BORG	Borgasne	70.12	24	IAMB	IAMB	22 02 31.9	
BORG	Borgasne	70.12	24	IAMS_20	IAMS_20	22 33 48.5	
HCK	McKinley	70.15	335	IAMB	IAMB	22 03 10.2	
MOM	Home	70.17	330	IAMS_20	IAMS_20	22 38 47.3	
KDAK	Kodiak Island	70.18	328	LR	LR	22 34 55.7	
KDAK	Kodiak Island	70.18	328	P	P	22 02 20.0	-0.3
KDAK	Kodiak Island	70.18	328	pmax	pmax		
KDAK	Kodiak Island	70.18	328	S	S	22 11 35.7	+5.4
KDAK	Kodiak Island	70.18	328	IAMS_20	IAMS_20	22 34 34.4	
F25K	Christian River	70.30	339	IAMS_20	IAMS_20	22 34 22.1	
CUT	Chulitna	70.31	333	IAMS_20	IAMS_20	22 38 41.6	
E25K	Arctic Village	70.49	340	IAMS_20	IAMS_20	22 38 41.0	
NEA2	Nenana	70.49	336	IAMS_20	IAMS_20	22 37 33.5	
BWN	Brown	70.52	335	IAMS_20	IAMS_20	22 37 35.3	
C27K	Jago River	70.52	341				

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like Adak, Bochum-Univers, Bug, Kongsberg, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like HOPEN, HOPEN, HOPEN, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like WTTA, WTTA, WTTA, etc.

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Table with columns: Station, Frequency, Power, Band, and various status indicators. Includes stations like Quartz Range, Mathiasis, Incheon, etc.

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Table with columns: Station, Frequency, Power, Band, and various status indicators. Includes stations like Tian-Shan, Uchtor, Canberra, etc.

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Table with columns: Station, Frequency, Power, Band, and various status indicators. Includes stations like XAN, XAN, XAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAGD RAYAGADA, NWAOW Narrogin (SRO), NWAOW Narrogin (SRO), etc.

ADC 24:21:52.31.2.2.8.6.31N.92.03E, h0km, mb3.5/3, mbtm3.5/4, ML3.3/1, Error ellipse: s-maj=72.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Diego Garcia H, CMAR Diego Garcia H, etc.

ADC 24:22:18.06.0.1.6.9.67S.118.84E, h0km, mb3.5/3, mbtm3.6/6, ML3.3/3, Error ellipse: s-maj=43.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSI Waingapu, WSI Kabupaten Domp, WSI Plampang, etc.

ADC 24:22:27.35.4.8.6.20.05Sx177.51W, h0km, mb3.6/3, mbtm3.6/3, Error ellipse: s-maj=373.0km

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

ADC 24:22:45.04.3.1.6.48.94Sx121.69E, h0km, mb3.7/5, mbtm3.8/6, ML1.8/1, Error ellipse: s-maj=64.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10W1 Cape Leeuwin H, H10W2 Cape Leeuwin H, H10W3 Cape Leeuwin H, etc.

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

MOS 24:22:49.54.6.0.8.21.77Sx175.65W, h10km, mb5.4/34, Error ellipse: s-maj=10.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BGR 24:22:49.58.3.22.35S.174.74W, h33km, GFZ 24:22:50.00.6.0.1.2.2.4Sx17.5W, etc.

ADC 24:22:50.00.6.0.1.2.2.4Sx17.5W, h41km, M5.5/40, mb5.4/40, confirmed

GCMT 24:22:50.02.70.0.4.21.83S.0.03:175.16W:0.02, h27km, 2km, MW5.3/87, Moment Tensor Solution. s14,c14; s87,c110;

ADC 24:22:50.05.4.22.11S:175.38W, h87km, mb5.4/88, Tonga Islands Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LKBA Tubou, Lakemba, NIUE Niue, NIUE Niue, NIUE Niue, etc.

ADC 24:22:50.05.4.22.11S:175.38W, h87km, mb5.4/88, Tonga Islands Region

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

ADC 24:22:50.05.4.22.11S:175.38W, h87km, mb5.4/88, Tonga Islands Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MARNC Mare, Loyalty, MARNC Mare, Loyalty, RTY Rarotonga, etc.

ADC 24:22:50.04.6.1.3.48.8S:0.1x121.1E:0.3, h10km, n9, c0548/6, mb3.6/5, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10W1 Cape Leeuwin H, H10W2 Cape Leeuwin H, H10W3 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOUNC Koumac, New Ca, BHZH Black Hill Sta, WNVZ Wahianoa, etc.

ADC 24:22:50.05.4.22.11S:175.38W, h87km, mb5.4/88, Tonga Islands Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, LHI Lord Howe Isla, LHI Lord Howe Isla, etc.

ADC 24:22:50.05.4.22.11S:175.38W, h87km, mb5.4/88, Tonga Islands Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPT Papeete, FOZ Fox Glacier, FOZ Jackson Bay, etc.

ADC 24:22:50.05.4.22.11S:175.38W, h87km, mb5.4/88, Tonga Islands Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SYDH Sydney Haro R, CNBS Canberra Magne, AULRS Mt Stromlo, etc.

ADC 24:22:50.05.4.22.11S:175.38W, h87km, mb5.4/88, Tonga Islands Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, CORO Coronation Pt, QLP Quilpie, etc.

ADC 24:22:50.05.4.22.11S:175.38W, h87km, mb5.4/88, Tonga Islands Region

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

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24d 23h

JOPP	comp=E,2239µm,0.4s	1.27 170	↑P	Pn	23 02 48.8 +0.2
JOPP	Joppolo		S	AML	23 03 18.3 -1.9
JOPP	comp=E,1290µm,0.4s			AML	
JOPP	comp=N,1205µm,0.4s			AML	
JOPP	comp=E,1295µm,0.4s			AML	
JOPP	comp=N,1207µm,0.4s			AML	
SGTA	Sant Agata di	1.29 352	P	Pn	23 02 49.4 +0.8
SGTA	comp=E,132µm,0.7s			AML	
SGTA	comp=N,64µm,0.9s			AML	
SGTA	comp=E,132µm,0.7s			AML	
SGTA	comp=E,132µm,0.7s			AML	
SGTA	comp=N,65µm,2.5s			AML	
SGTA	comp=E,163µm,3.0s			AML	
AMUR	Altamura	1.30 36	↓P	Pn	23 02 49.0 +0.4
AMUR	AMUR		S	AML	23 03 18.7 -1.6
AMUR	comp=E,168µm,1.6s			AML	
AMUR	comp=N,160µm,1.0s			AML	
AMUR	comp=E,175µm,1.7s			AML	
AMUR	comp=N,160µm,1.0s			AML	
PAOL	Paolisi	1.41 327	Pn	Pn	23 02 49.9 +0.6
MASS	Massafra	1.42 56	↓P	Pn	23 02 49.7 +0.3
MASS	Taranto	1.46 62	↓P	Pn	23 03 19.9 -1.7
TAR1			S	AML	23 02 49.8 +0.2
TAR1			S	AML	23 03 20.0 -2.0
TAR1	comp=N,320µm,0.5s			AML	
TAR1	comp=E,266µm,0.8s			AML	
TAR1	comp=N,320µm,0.5s			AML	
TAR1	comp=E,267µm,0.8s			AML	
NOCI	Noci	1.46 50	↓P	Pn	23 02 50.0 +0.4
NOCI	comp=E,319µm,0.8s			AML	
NOCI	comp=N,360µm,0.5s			AML	
NOCI	comp=N,327µm,0.2s			AML	
NOCI	comp=E,269µm,0.2s			AML	
PSB1	Pescosannita	1.49 337	P	Pn	23 02 50.8 +1.0
ILOS	Lipari Osserat	1.49 200	P	Pn	23 02 51.8 +1.8
IFIL	Filicudi I eol	1.52 212	↑P	Pn	23 02 51.6 +1.5
IFIL	comp=E,780µm,1.5s			AML	
IFIL	comp=N,370µm,0.4s			AML	
IFIL	comp=E,692µm,0.4s			AML	
VITU	Vitulano (BN)	1.52 331	P	Pn	23 02 50.8 +0.8
IVUG	Vulcano Grillo	1.53 198	P	Pn	23 02 51.6 +1.4
VPL	Vulcano Piano	1.55 198	P	Pn	23 02 51.8 +1.4
VPL	comp=E,388µm,0.6s			AML	
VPL	comp=N,346µm,0.6s			AML	
VPL	comp=E,377µm,0.5s			AML	
VPL	comp=N,346µm,0.6s			AML	
PLAC	Placanica	1.55 155	↑P	Pn	23 02 50.9 +0.5
PLAC	comp=E,2055µm,0.6s		S	AML	23 03 22.3 -1.2
PLAC	comp=N,1185µm,0.5s			AML	
PLAC	comp=E,1200µm,0.5s			AML	
PLAC	comp=N,2135µm,0.6s			AML	
PLAC	comp=N,2136µm,0.6s			AML	
PLAC	comp=E,2053µm,0.6s			AML	
PLAC	comp=E,1200µm,0.5s			AML	
PLAC	comp=N,1182µm,0.5s			AML	
OT15	Bari, Italy	1.59 38	↓P	Pn	23 02 50.8 +0.3
MILZ	Milazzo	1.61 190	P	Pn	23 02 51.5 +0.7
CEL	Celeste	1.61 172	P	Pn	23 02 50.8 -0.1
CEL	Celeste	1.61 172	Sn	S	23 03 20.9 -3.5
CEL			S	AML	23 02 50.8 -0.1
CEL			S	AML	23 03 22.3 -2.0
CEL	comp=E,400µm,1.0s			AML	
CEL	comp=N,514µm,0.9s			AML	
CEL	comp=E,387µm,1.0s			AML	
CEL	comp=N,553µm,1.3s			AML	
CEL	comp=N,515µm,0.9s			AML	
CEL	comp=E,387µm,1.0s			AML	
CEL	comp=E,400µm,1.0s			AML	
CEL	comp=N,553µm,1.3s			AML	
CEL	comp=N,515µm,0.9s			AML	
IACL	Alicudi	1.63 216	P	Pn	23 02 52.3 +1.4
GMB	Garbarie	1.69 174	P	Pn	23 02 51.5 -0.1
GMB	comp=E,2070µm,0.6s			AML	
GMB	comp=N,1590µm,0.5s			AML	
GMB	comp=E,2070µm,0.6s			AML	
GMB	comp=N,1591µm,0.5s			AML	
MPNC	Port Mandanici	1.72 186	P	Pn	23 02 51.8 +0.2
MPNC	MPNC		S	AML	23 03 24.8 -0.9
MPNC	comp=E,536µm,0.6s			AML	
MPNC	comp=N,556µm,0.7s			AML	
MPNC	comp=N,555µm,0.7s			AML	
MPNC	comp=E,537µm,0.6s			AML	
SGG	Gregorio Mates	1.79 329	P	Pn	23 02 53.2 +1.1
SOI	Samo	1.82 168	P	Pn	23 02 52.5 +0.2
SOI	comp=E,268µm,1.2s		S	AML	23 03 26.1 -0.9
SOI	comp=N,395µm,0.8s			AML	
SOI	comp=E,262µm,0.5s			AML	
SOI	comp=N,395µm,0.8s			AML	
MTTG	Motta San Giovanni	1.85 178	P	Pn	23 02 53.3 +0.7
MTTG	comp=E,357µm,1.0s			AML	
MTTG	comp=N,449µm,0.8s			AML	
MTTG	comp=N,449µm,0.8s			AML	
MTTG	comp=E,357µm,1.0s			AML	
BSSO	Russo	1.85 336	P	Pn	23 02 53.7 +1.1
NOV	Novara	1.86 191	↑P	Pn	23 02 54.0 +1.3
NOV	comp=E,738µm,0.4s			AML	
NOV	comp=N,758µm,0.5s			AML	
NOV	comp=N,757µm,0.5s			AML	

NOV	comp=E,738µm,0.4s			AML	
MSAG	Monte S. Angel	1.87 7	↓P	Pn	23 02 52.9 +0.2
MSAG	comp=E,68µm,1.1s			AML	
MSAG	comp=N,84µm,0.8s			AML	
MSAG	comp=N,84µm,0.8s			AML	
MSAG	comp=N,201µm,0.8s			AML	
MSAG	comp=E,68µm,1.1s			AML	
MSAG	comp=E,165µm,1.1s			AML	
VAGA	Valle Agricola	1.87 327	P	Pn	23 02 53.9 +1.2
MESC	Mesagne	1.88 66	↓P	Pn	23 02 53.2 +0.6
MUCR	Ucria	1.89 197	↑P	Pn	23 02 54.2 +1.1
MUCR	comp=E,156µm,1.6s			AML	
MUCR	comp=N,199µm,0.4s			AML	
MUCR	comp=E,130µm,0.5s			AML	
APRC	Apricena	1.90 359	P	Pn	23 02 53.0 +0.1
AIO	Antillo	1.90 189	P	Pn	23 02 54.3 +1.2
AIO	comp=E,136µm,1.0s			AML	
AIO	comp=N,204µm,1.0s			AML	
AIO	comp=E,121µm,0.4s			AML	
AIO	comp=N,183µm,0.4s			AML	
SGRT	San Giovanni R	1.90 3	Pn	Pn	23 02 51.6 -1.3
SGRT	SGRT		S	AML	23 03 26.3 -1.8
SGRT	San Giovanni R	1.90 3	Pn	Pn	23 02 53.0 +0.1
MSFR	San Fratello	1.98 204	↑P	Pn	23 02 55.4 +1.7
ECTS	Castiglione	2.00 191	P	Pn	23 02 55.4 +1.5
ECTS	comp=E,149µm,1.0s			AML	
MIDA	Miranda	2.06 331	P	Pn	23 02 55.8 +1.6
RNI2	Rionero Sannit	2.15 330	P	Pn	23 02 55.6 +1.6
PLLN	Polina	2.18 212	P	Pn	23 02 57.0 +1.6
PLLN	comp=E,254µm,0.8s			AML	
PLLN	comp=N,204µm,0.6s			AML	
CSLB	Castelbuono	2.26 213	↑P	Pn	23 02 57.6 +1.5
CSLB	comp=E,59µm,1.5s			AML	
CSLB	comp=N,97µm,0.5s			AML	
CSLB	comp=N,97µm,0.5s			AML	
CSLB	comp=N,97µm,0.5s			AML	
CSLB	comp=E,47µm,0.8s			AML	
GALF	Gagliano Caste	2.29 201	P	Pn	23 02 59.9 +3.5
GALF	comp=E,628µm,0.4s			AML	
GALF	comp=N,502µm,0.5s			AML	
GALF	comp=N,148µm,1.8s			AML	
GALF	comp=N,501µm,0.5s			AML	
GALF	comp=E,628µm,0.4s			AML	
ESML	S. M. di Licod	2.30 194	P	Pn	23 02 58.4 +1.9
ESML	comp=N,227µm,0.9s			AML	
ESML	comp=E,267µm,0.8s			AML	
PETRA	Petralia Sopra	2.33 210	↑P	Pn	23 02 58.7 +1.8
PETRA	comp=E,172µm,0.6s			AML	
PETRA	comp=N,188µm,0.6s			AML	
PETRA	comp=N,188µm,0.6s			AML	
PETRA	comp=E,171µm,0.6s			AML	
SOLUN	Solunto	2.38 223	P	Pn	23 02 58.9 +1.8
SOLUN	comp=E,128µm,1.6s			AML	
SOLUN	comp=N,99µm,1.3s			AML	
CAGR	Agira	2.39 201	P	Pn	23 02 59.7 +2.4
CAGR	comp=E,466µm,0.5s			AML	
CAGR	comp=N,650µm,0.8s			AML	
CAGR	comp=N,642µm,0.4s			AML	
CAGR	comp=E,466µm,0.5s			AML	
SCIAR	Sciara	2.39 218	P	Pn	23 02 59.3 +2.0
SCIAR	comp=E,180µm,0.4s			AML	
SCIAR	comp=N,104µm,1.1s			AML	
SCIAR	comp=N,94µm,0.4s			AML	
SCIAR	comp=E,180µm,0.4s			AML	
INTR	Introdacqua	2.51 330	P	Pn	23 02 58.9 +0.6
RESU	Resuttano	2.51 209	P	Pn	23 03 00.6 +2.1
RESU	comp=E,212µm,1.0s			AML	
RESU	comp=N,349µm,0.5s			AML	
RESU	comp=N,349µm,0.5s			AML	
RESU	comp=N,349µm,0.5s			AML	
RESU	comp=E,201µm,0.5s			AML	
VAE	Valguarnera	2.55 202	P	Pn	23 03 02.1 +3.3
VAE	comp=E,289µm,0.3s,baz=6.6,slow=8.4,SNR=22			AML	
HLNI	Lentini	2.57 193	P	Pn	23 02 59.7 +0.9
HLNI	comp=E,67µm,1.6s			AML	
HLNI	comp=N,78µm,0.4s			AML	
HLNI	comp=N,78µm,0.4s			AML	
HAGA	Augusta	2.59 188	P	Pn	23 02 59.3 +0.3
HAGA	comp=N,149µm,1.0s			AML	
AGST	Augusta-Monte	2.61 186	P	Pn	23 02 59.6 +0.3
AGST	comp=E,260µm,1.2s			AML	
AGST	comp=N,295µm,1.8s			AML	
SSY	Sorlino	2.73 189	P	Pn	23 03 00.7 +0.2
SSY	comp=E,269µm,0.5s			AML	
MEU	Monte Lauro	2.80 191	↑P	Pn	23 03 04.0 +2.7
MEU	comp=E,356µm,0.4s			AML	
MEU	comp=N,318µm,0.4s			AML	
RAFF	Raffo Rosso	2.80 201	P	Pn	23 03 02.6 +1.4
RAFF	Raffo Rosso	2.80 201	↑P	Pn	23 03 02.9 +1.8
RAFF	comp=N,141µm,0.5s			AML	
CLTB	Catibellotta	2.94 220	P	Pn	23 03 04.7 +2.1
CLTB	Catibellotta	2.94 220	P	Pn	23 03 04.9 +2.3
AQU	L'Aquila	3.00 327	P	Pn	23 03 02.8 -0.2
AQU	L'Aquila	3.00 327	ePn	Pn	23 03 04.1 +1.1
AQU	L'Aquila	3.00 327	P	Pn	23 03 04.6 +1.6
AQU	L'Aquila	3.00 327	P	Pn	23 03 05.1 +2.1
VLO	Vlora	3.05 77	P	Pn	23 03 05.0 +1.4
HPAC	Pachino	3.18 187	P	Pn	23 03 05.5 +0.5
HPAC	comp=E,186µm,2.4s			AML	
HPAC	comp=N,207µm,2.4s			AML	
KEK	Kerkira	3.24 91	↓P	Pn	23 03 05.2 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FETA Feichten, SQT Sankt Quirin, WATA Waldera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, SUW Suwalki, MDT Midett, etc.

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

IDC 24 23:55:27.3; 0.6, 30; 12Sx; 176; 97W, h0km, mb4.3/13, mbmp4.3/16, ML4.7/3, MS4.2/17, Error ellipse: s-maj=19.9km s-min=15.0km az=74.0, NEIC 24 23:55:30.7; 1.8, 30; 11S; 0.07x; 177.2W; 0.1, h10km, 1km, mb4.5/16, Error ellipse: s-maj=16.8km s-min=8.0km

GCMT 24 23:55:33.7; 0.4, 29; 99S; 0.05; 176.89W; 0.03; h23km, 1km, MW5.0/72, Moment Tensor Solution, s25.c28; s72.c84; Duration: 0. Moment tensor: Scale 1019N; Mr5.04+37; Mw-1.07z-21; Mw-3.97z-23; Mw-1.09z-40; Mw-0.22z-15; Mw-0.42z-30; Best double couple: M: 6.3000x10^16; NP1: 0.14, 0.00000; 849.00000; 1.03, 0.00000; Principal axes: T 5.2440, Plg60.0000, Azm346.0000; N -1.2280, Plg9.0000, Azm186.0000; P -4.0160, Plg3.0000; Azm96.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rater function.

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

25d 1h

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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 SDPT Sand Point, Dolgoi Island, Pavlov South-4, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like J16K Anvik River, RC01 Rabbit Creek A, J17K VABM Dome, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like n29, c073/51, 2C, Portugal, GUM0 Guam, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PSNL Port of Spain, TRN Trinidad (W), GRW Mount Saint Ca, etc.

IDC 25 02:10:54.1+1.1, 2.53N, 126.96E, h0km, mb4.1/8, mbtmp4.1/8, MS3.0/3, Error ellipse: s-maj=109.5km s-min=16.7km az=69.0

DJA 25 02:10:58.4+0.4, 3.1N, 3.12E, h10km, M3.9/13, mb4.0/1, MLV3.9/13

NEIC 25 02:10:59.9+1.7, 2.60N, 102.9E, 0.1, h35km, n34, mb4.1/1, Error ellipse: s-maj=21.3km s-min=10.7km az=237.0

ISC 25 02:10:59.0+0.6, 2.65N, 105.12697E, 0.06, h35km, n34, s165/39, mb4.1/12, MS2.8/3, Northern Molucca Sea

Main table for station data on page 1419, including stations like GAMI Galela, Maluku, TMT Ternate, FITZ Fitzroy Crossi, etc.

IDC 25 02:31:39.7+2.5, 30.17S, 176.75W, h0km, mb3.4/2, mbtmp3.4/2, Error ellipse: s-maj=60.6km s-min=31.2km az=48.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BITO Raoul Island, RAO Raoul Island, ASAR Alice Springs, etc.

UCR 25 02:54:12.6+0.8, 9.53N, 84.66W, h22km, 2km, MW3.7, Presumed earthq

CATAC 25 02:54:13.4+0.4, 10.1N, 8.5W, h2km, 1km, M3.5/14, MLV3.5/14, Error ellipse: s-maj=6.9km s-min=2.2km az=46.7, confirmed

ISC 25 02:54:12.8+0.9, 9.52N, 84.65W, 0.02, h16km, 6km, n91, c0999/110, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BITO Garabito Jaco, LAFE Finca La Fe, OROT Orota, etc.

Main table for station data on page 1420, including stations like ACOS Acosta, PALD Palmares, SRA1 San Ramn, etc.

KRNET 25 03:07:26.3+0.1, 39.34N, 71.45E, h11km, mb3.0

SOME 25 03:07:26.8, 39.65N, 71.53E, h5km

ISC 25 03:07:29.5+1.8, 39.49N, 0.08, 71.49E, 0.06, h10km, n11, c197/22, 11C-7D, Tajikistan

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

IDC 25 03:07:14.6+4.2, 52.16N, 176.67W, h0km, mb3.8/3, mbtmp3.8/5, ML3.8/2, Error ellipse: s-maj=94.0km s-min=44.3km az=123.0

AEIC 25 03:07:35.4+0.4, 52.0N, 0.1, 175.73W, 0.08, h153km, 3km, Error ellipse: s-maj=20.2km s-min=5.8km az=168.0

NEIC 25 03:07:36.1+1.0, 52.3N, 0.1, 175.82W, 0.06, h153km, 5km, mb4.0/86, ML3.9/12, ML3.5(AEIC), Error ellipse: s-maj=16.1km s-min=5.6km az=174.0

ISC 25 03:07:35.7+0.7, 52.2N, 0.1, 175.81W, 0.04, h156km, 6km, n157, c0993/171, mb4.0/16, Andean Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSTR Great Sitkin T, GSTR Great Sitkin S, GSMY Great Sitkin M, etc.

Main table for station data on page 1421, including stations like ADK Adak, KICM Kanaga Island, KICW Kanaga Island, etc.

G18K Tagawak, SKT Skwentna, SLKM Skliak Lake, etc.

I20K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

G19K Nowik River, PPLA Pekeypile, O22K Cooper Landing, etc.

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
BMRM	Bremner River	19.10	51	P	P	03	11	46.0	-0.3		
HDA	Harding Lake	19.23	40	P	P	03	11	46.4	-1.2		
G23K	Bananza Creek	19.32	39	P	P	03	11	48.4	-0.1		
ILAR	Eielson Array	19.42	39	P	P	03	11	48.5	-3.0		
comp=Z,7.8nm,1.0s comp=Z,0.3nm,0.3s,baz=236,slow=8.9,SNR=13 comp=Z,0.7nm,0.7s											
ILAR	Eielson Array	19.42	39	P	P	03	11	48.8	+0.3		
K24K	Donnelly Dome	19.45	42	P	P	03	11	49.4	-0.6		
H24K	Noodor Dome	19.56	35	P	P	03	11	50.7	-0.4		
H24K	Noodor Dome	19.56	35	I	Amb	03	11	56.4			
GLB	Gilahina Butte	19.59	49	P	P	03	11	51.2	-0.3		
GLB	Gilahina Butte	19.59	49	I	Amb	03	11	56.7			
VRDI	Verde Repeater	19.71	50	P	P	03	11	53.0	+0.1		
VRDI	Verde Repeater	19.71	50	I	Amb	03	12	00.3			
RIDG	Independent Ri	19.82	42	P	P	03	11	52.4	-1.5		
RIDG	Independent Ri	19.82	42	I	Amb	03	12	07.5			
J25K	Salcha River	19.94	40	P	P	03	11	53.0	-2.2		
D22K	Aiykyak River	19.97	25	I	Amb	03	11	55.5	+0.1		
D22K	Aiykyak River	19.97	25	I	Amb	03	11	55.9			
MENT	Mentasta	20.03	45	P	P	03	11	56.2	-0.0		
MENT	Mentasta	20.03	45	I	Amb	03	12	14.6			
G24K	Hadweencio Ri	20.15	33	P	P	03	11	57.2	-0.2		
G24K	Hadweencio Ri	20.15	33	I	Amb	03	11	58.5			
L26K	Log Cabin Wild	20.22	45	P	P	03	11	58.2	+0.1		
L26K	Log Cabin Wild	20.22	45	I	Amb	03	12	05.7			
SCRK	Sand Creek	20.26	42	I	Amb	03	11	56.9	-1.7		
SCRK	Sand Creek	20.26	42	I	Amb	03	11	59.8			
F24K	Squaw Lake	20.47	31	P	P	03	12	00.3	-0.5		
D23K	Nanushuk River	20.55	26	P	P	03	12	01.4	-0.2		
E24K	Your Creek	20.61	29	P	P	03	12	02.2	-0.1		
M27K	Edge Creek, AK	20.69	47	P	P	03	12	03.4	-0.0		
K27K	Chicken	21.07	43	P	P	03	12	07.1	-0.1		
C23K	Ikliik River	21.16	24	P	P	03	12	07.0	-1.2		
D24K	Happy Valley	21.18	27	P	P	03	12	08.4	+0.1		
G26K	Porcupine Rive	21.55	35	P	P	03	12	10.9	-1.4		
C24K	Franklin Bluff	21.58	26	P	P	03	12	12.5	-0.1		
C24K	Franklin Bluff	21.58	26	I	Amb	03	12	13.4			
K29M	Barlow Dome	22.96	45	P	P	03	12	25.6	-0.6		
K29M	Barlow Dome	22.96	45	I	Amb	03	12	27.3			
J30M	Hart River	23.63	43	P	P	03	12	31.9	-0.4		
I30M	Mount Dempster	23.76	42	I	Amb	03	12	31.5	-2.0		
I30M	Mount Dempster	23.76	42	I	Amb	03	12	33.3			
LOH	Longmire	34.81	77	P	P	03	14	11.7	+0.5		
LOH	Longmire	34.81	77	I	Amb	03	14	13.2			
H11N2	WAKE ISLAND Hy	35.13	209	T	T	03	51	17.1			
H11N3	WAKE ISLAND Hy	35.14	209	T	T	03	51	16.1			
H11N1	WAKE ISLAND Hy	35.15	209	T	T	03	51	16.9			
H11N1	WAKE ISLAND Hy	35.15	209	T	T	03	51	19.9	-0.1		
EPH	Ephrata	35.83	75	P	P	03	14	20.8			
EPH	Ephrata	35.83	75	I	Amb	03	14	20.8			
WAH2	Wahluke	36.15	76	P	P	03	14	23.1	+0.6		
H11S1	WAKE ISLAND Hy	36.35	209	T	T	03	52	46.6			
HAWA	Hanford	36.36	76	P	P	03	14	24.9	+0.5		
H11S2	WAKE ISLAND Hy	36.36	209	T	T	03	52	47.7			
H11S3	WAKE ISLAND Hy	36.36	209	T	T	03	52	47.8			
I07A	Izee	37.58	79	P	P	03	14	35.6	+0.7		
I07A	Izee	37.58	79	I	Amb	03	14	37.3			
BMO	Blue Mountains	38.48	77	P	P	03	14	43.0	+0.6		
BMO	Blue Mountains	38.48	77	I	Amb	03	14	43.7			
WV0F	Wild Horse Val	39.02	81	P	P	03	14	47.3	+0.4		
WV0F	Wild Horse Val	39.02	81	I	Amb	03	14	49.0			
HLID	Hailey	40.93	77	P	P	03	15	03.0	+0.3		
HLID	Hailey	40.93	77	I	Amb	03	15	03.6			
BCYI	Bear Canyon	41.11	75	P	P	03	15	04.5	+0.3		
BCYI	Bear Canyon	41.11	75	I	Amb	03	15	05.0			
MCMT	McKenzie Canyo	41.15	74	P	P	03	15	04.3	-0.4		
BOZ	Bozeman	41.45	73	P	P	03	15	06.8	-0.2		
NVAR	Mina Array Bea	41.62	86	P	P	03	15	10.0	+1.6		
NVAR	Mina Array Bea	41.62	86	I	Amb	03	15	10.0	+1.6		
NVAR	Mina Array Bea	41.62	86	P	P	03	15	08.9	+0.4		
ELK	Elko	42.08	81	P	P	03	15	12.4	+0.3		
YHL	Hegben Lake	42.13	73	P	P	03	15	12.6	-0.0		
BW06	Boulder Array	44.29	75	P	P	03	15	29.6	-0.3		
BW06	Boulder Array	44.29	75	I	Amb	03	15	30.3			
PD31	Pinedale Array	44.29	75	P	P	03	15	29.4	-0.5		
PD31	Pinedale Array	44.29	75	I	Amb	03	15	30.3			
PDAR	Pinedale Array	44.29	75	P	P	03	15	29.6	-0.3		
PDAR	Pinedale Array	44.29	75	I	Amb	03	15	29.7	-0.2		
PDAR	Pinedale Array	49.23	287	eP	pmax	03	16	06.4	-1.7		
HHC	Hu-ho-hao-te	49.23	287	eP	pmax	03	16	06.4	-1.7		
HHC	Hu-ho-hao-te	49.23	287	eP	pmax	03	16	06.4	-1.7		
HHC	Hu-ho-hao-te	49.23	287	eP	pmax	03	16	06.4	-1.7		
TXAR	Lajitas Array	56.70	84	P	P	03	17	03.1	+0.1		
TXAR	Lajitas Array	56.70	84	I	Amb	03	17	03.2	+0.3		
TXAR	Lajitas Array	56.70	84	P	P	03	17	03.2	+0.3		
TXAR	Lajitas Array	56.70	84	I	Amb	03	17	03.6	+2.2		
TXAR	Lajitas Array	56.70	84	P	P	03	17	03.2	+0.3		
TXAR	Lajitas Array	56.70	84	I	Amb	03	17	03.6	+2.2		
MXK1	Makanchi Array	60.94	310	P	P	03	17	33.8	+2.0		
MXK1	Makanchi Array	60.94	310	I	Amb	03	17	31.7	-0.1		
MXK1	Makanchi Array	60.94	310	P	P	03	17	31.7	-0.1		
MXK1	Makanchi Array	60.94	310	I	Amb	03	17	20.5	+0.8		

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
JMYK	Miyake Tsubota	1.61	286	eP	Pn	03	39	43.2	-0.2		
JMYK	Miyake Tsubota	1.61	286	eS	Sn	03	40	03.2	+0.2		
B504	Boso 4	1.61	327	eP	Pn	03	39	43.2	-0.1		
KTR	Katsura	1.62	239	eP	Pn	03	39	45.5	-0.0		
JAOM	Aogashimamukai	1.76	320	eP	Pn	03	39	46.0	-0.3		
JIM2	Ishizuka	1.96	304	P	Pn	03	39	47.2	-1.1		
JIZS	Izushima	2.36	298	I	Pn	03	39	53.4	-0.3		
JIZS	Izushima	2.36	298	eS	Sn	03	40	21.6	+0.1		
JOD2	Odawara 2	2.51	311	I	Pn	03	39	55.0	-0.8		
JSG	Sagara	2.87	292	J	Pn	03	40	00.2	-0.5		
JYN	Shimob	3.01	309	P	Pn	03	40	02.7	-0.0		
SHZ3	Ishizuka 3	3.01	309	P	Pn	03	40	02.7	-0.0		
JGF	Kuroka	3.88	301	P	Pn	03	40	15.3	+0.8		
MJAR	Matsushiro Arr	3.91	319	P	Pn	03	40	15.7	+0.7		
MJAR	Matsushiro Arr	3.91	319	S	Sn	03	41	01.3	+1.6		
MJAR	Matsushiro Arr	3.91	319	Pn	Pn	03	42	11.9			
MJAR	Matsushiro Arr	3.91	319	Pn	Pn	03	40	12.7	-2.3		
MJAR	Matsushiro Arr	3.91	319	Sn	Sn	03	40	59.1	-0.5		
MJAR	Matsushiro Arr	3.91	319	Pn	Pn	03	40	15.4	+0.4		
MJAR	Matsushiro Arr	3.91	319	Sn	Sn	03	40	16.0	+1.0		
MJAR	Matsushiro Arr	3.91	319	Pn	Pn	03	41	25.8	+0.1		
MJAR	Matsushiro Arr	3.91	319	Sn	Sn	03	41	28.6	+0.6		
MJAR	Matsushiro Arr	3.91	319	Pn	Pn	03	41	28.6	+0.6		
MJAR	Matsushiro Arr	3.91	319	Sn	Sn	03	41	28.6	+0.6		
MJAR	Matsushiro Arr	3.91	319	Pn	Pn	03	41	28.6	+0.6		
MJAR	Matsushiro Arr	3.91	319	Sn	Sn	03	41	28.6	+0.6		
MJAR	Matsushiro Arr	3.91	319	Pn	Pn	03	41	28.6	+0.6		
MJAR	Matsushiro Arr	3.91	319	Sn	Sn	03	41	28.6	+0.6		
MJAR	Matsushiro Arr	3.91	319	Pn	Pn	03</					

Table with columns: Station Name, Time, Res, ISC, Phase ID, and various station codes (TASM, ALQ, 319A, etc.).

Table with columns: Station Name, Time, Res, ISC, Phase ID, and various station codes (TYC, FUSS, DPDB, etc.).

Table with columns: Station Name, Time, Res, ISC, Phase ID, and various station codes (TIPB, NCUH, SCZT, etc.).

TAP 25 04:59:03.6, 23°57'N, 121°52'E, h32km, ML3.5, C
JMA 25 04:59:03.4, 23°57'N, 121°52'E, h32km, 3km,
M4.2/8/11, TAIWAN REGION

ISC 25 04:59:03.6, 0.9, 23°56'N, 121°57'E, 0.02, h31km, 4km,
n160, c08r1/304, C1, Taiwan

ASRS 25 05:08:31.0, 1.7, 53°74'N, 91°14'E, h0km, M3.3(MOS), The
earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 25 05:08:35.0, 3.4, 53°77'N, 90°93'E, h0km, mbtmp3.2/3,
ML3.3/2, Error ellipse: s-maj=26.4km s-min=22.0km
az=70.0

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, and various station codes (HGSD, TECC, EGFF, etc.).

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, and various station codes (TYC, FUSS, DPDB, etc.).

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, and various station codes (TIPB, NCUH, SCZT, etc.).

IDC 25 05:14:56.5, 1.6, 27°59'N, 140°16'E, h336km, 13km,
mb3.4/18, mbtmp4.1/21, Error ellipse: s-maj=20.1km
s-min=13.7km az=78.0
JMA 25 05:14:57.0, 0.2, 28°14'N, 141°14'E, h348km, 3km, MV3.8/23,
WF OFF OGA SAWAIBA
NEIC 25 05:14:57.4, 1.6, 27°59'N, 140°16'E, 0.2, h351km, 8km,
mb4.3/13, Error ellipse: s-maj=24.0km s-min=14.3km
az=79.0
ISC 25 05:14:57.3, 0.6, 27°77'N, 140°07'N, 0.07, h130km, n53,
c0181/58, mb3.8/22, BONIN ISLANDS REGION

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MJAR, JNU, KSRS, etc.

Technical notes and data for stations 1425-1500, including coordinates, moment tensors, and principal axes.

Main table listing seismic stations across Peru-Ecuador border region with columns for Code, Station Name, Azimuth, Elevation, SNR, and other parameters.

Table listing seismic stations in the 25d 5h region with columns for Station Name, Azimuth, Elevation, SNR, and other parameters.

V55A	comp=Z,52nm,0.9s	39.75	360	P	IAMS_20	IAMS_20	05 25 39.8	-0.7
V55A	Taylorville						05 43 46.1	
TXAR	comp=Z,2um,21.0s	39.80	328	P	IAMS_20	IAMS_20	05 25 41.4	+0.3
TXAR	Lajitas Array						05 27 47.4	+0.3
TXAR	comp=Z,4.4nm,0.8s,baz=148,slow=9.9,SNR=66						05 40 42.3	
TXAR	comp=Z,1um,21.2s,baz=148,slow=3.4							
TXAR	Lajitas Array	39.80	328	P	P	P	05 25 41.7	+0.6
TXAR	Lajitas Ar. Si	39.80	328	P	P	P	05 25 41.8	+0.7
OZNA	Ozona	39.84	332	P	P	P	05 25 42.0	+0.6
MET	Memphis-Engin	39.94	348	IAMB	IAMB	IAMB	05 25 41.2	-0.8
MET	Smith Brothers	40.03	352	IAMB	IAMB	IAMB	05 25 52.1	
V48A	comp=Z,102nm,1.2s						05 44 06.7	
UALR	University of	40.15	345	IAMB	IAMB	IAMB	05 25 53.5	
ARCA	Araçuaí, MG	40.21	111	eP	P	P	05 25 43.9	-0.7
U56A	Kring	40.25	1	P	IAMS_20	IAMS_20	05 25 44.1	-0.5
U56A							05 42 47.2	
MIAR	comp=Z,1um,19.0s	40.27	344	P	P	P	05 25 45.0	+0.2
MIAR	Mount Ida							
MIAR	comp=Z,75nm,1.0s							
MIAR	Mount Ida	40.27	344	P	IAMB	IAMB	05 25 45.0	+0.2
MIAR							05 25 54.7	
MIAR	Mount Ida	40.27	344	P	P	P	05 25 45.1	+0.3
PLPT	Palo Pinto	40.27	337	IAMB	IAMB	IAMB	05 25 55.3	
U54A	Nelsons Funny	40.43	359	IAMS_20	IAMS_20	IAMS_20	05 44 10.1	
HBAR	Harrisburg	40.51	348	P	IAMB	IAMB	05 25 46.4	-0.3
HBAR							05 25 56.8	
TZTN	comp=Z,184nm,1.3s	40.52	357	IAMB	IAMB	IAMB	05 25 47.0	
TZTN	Tazewell							
TZTN	comp=Z,97nm,1.2s						05 41 56.5	
TZTN	Tazewell	40.52	357	P	P	P	05 25 46.0	-0.9
WVT	comp=Z,1um,comp=Z,79nm,1.3s,comp=Z,1um	40.55	351	P	P	P	05 25 45.4	-1.7
WVT	Waverly							
WVT	comp=Z,34nm,1.0s							
WVT								
WVT	Waverly	40.55	351	P	P	P	05 25 45.4	-1.7
WVT								
WVT	Waverly	40.55	351	P	P	P	05 25 45.5	-1.7
WVT								
WVT	Waverly	40.55	351	P	P	P	05 25 45.3	-1.8
WVT							05 25 54.1	-0.2
HALT	Halls	40.59	349	IAMB	IAMB	IAMB	05 25 56.5	
HALT							05 25 56.5	
ALPN	Alpine	40.62	329	IAMB	IAMB	IAMB	05 25 58.5	
WHAR	Woolly Hollow	40.63	346	P	IAMB	IAMB	05 25 47.7	0.0
WHAR							05 25 57.4	
ABTX	Ablene, Hawle	40.64	335	IAMB	IAMB	IAMB	05 25 58.3	
U49A	Red Bird Camp	40.67	354	IAMB	IAMB	IAMB	05 25 48.1	
U49A	comp=Z,150nm,1.8s						05 41 29.6	
SGCY	Sterling City	40.68	333	IAMB	IAMB	IAMB	05 25 58.3	
NBMO	Morrinhos-CE	40.75	90	eP	P	P	05 25 48.1	-1.0
GNAR	Gosnell	40.77	349	IAMB	IAMB	IAMB	05 25 48.6	-0.3
GNAR							05 25 58.1	
LNXT	Lenox	40.80	349	IAMB	IAMB	IAMB	05 25 58.7	
NBPN	Ponto Novo - 4s	40.85	102	eP	P	P	05 25 49.0	-1.0
PEBK	Peniscott Bayo	40.89	349	IAMB	IAMB	IAMB	05 25 59.4	
LOOK	Love County	40.90	339	P	P	P	05 25 51.0	+1.0
TMB01	Midkiff	40.91	332	IAMB	IAMB	IAMB	05 25 51.0	+0.8
UTB01	University of	40.93	350	IAMB	IAMB	IAMB	05 25 59.4	
MNHN	Monahans	40.96	331	IAMB	IAMB	IAMB	05 26 01.2	
BLA	Blacksburg	41.11	1	P	P	P	05 25 50.9	-0.8
BLA								
BLA	comp=Z,73nm,1.1s							
BLA	Blacksburg	41.11	1	P	P	P	05 25 50.9	-0.8
BLA	Lake Charles	41.11	347	P	P	P	05 25 51.2	-0.5
LCAR							05 26 01.4	
TPB01	Permian Basin	41.15	329	IAMB	IAMB	IAMB	05 26 02.9	
FCAR	Ozark Folk Cen	41.16	346	P	IAMB	IAMB	05 25 61.8	-0.3
FCAR							05 26 02.0	
WTF5	Witchita Falls	41.17	338	IAMB	IAMB	IAMB	05 26 02.6	
747A	comp=Z,170nm,0.9s	41.30	352	IAMS_20	IAMS_20	IAMS_20	05 44 46.2	
747A	Charon Cove	41.30	352	IAMS_20	IAMS_20	IAMS_20	05 44 46.2	
SJMB	Sao Joao De Ma	41.39	114	eP	P	P	05 25 53.5	-0.8
TPB06	Permian Basin	41.44	331	IAMB	IAMB	IAMB	05 26 05.0	
APMT	Aspermont	41.45	335	IAMB	IAMB	IAMB	05 26 05.1	
ODSA	Odessa	41.51	332	P	IAMB	IAMB	05 25 55.4	+0.2
ODSA							05 26 05.0	
PECS	Pecos	41.53	330	P	IAMB	IAMB	05 25 56.4	+1.0
PECS							05 26 06.0	
T45A	Paducah	41.55	351	IAMB	IAMB	IAMB	05 26 05.9	
S51A	Beattyville	41.61	357	IAMS_20	IAMS_20	IAMS_20	05 42 32.5	
VHRN	Van Horn	41.65	328	IAMB	IAMB	IAMB	05 26 06.9	
TPB13	Reves - Culbe	41.67	330	IAMB	IAMB	IAMB	05 26 07.2	
S57A	Dark Hollow, R	41.69	2	IAMS_20	IAMS_20	IAMS_20	05 43 17.5	
S54A	Dingsess Beckl	41.70	359	IAMB	IAMB	IAMB	05 25 56.7	
S54A							05 44 19.6	
BSBF	Barra de Sao F	41.73	114	eP	P	P	05 25 56.2	-0.9
BSBF	Barra de Sao F	41.73	114	P	P	P	05 25 56.9	-0.2
POST	Post	41.82	334	IAMB	IAMB	IAMB	05 25 58.3	+0.6
POST							05 26 07.8	
CAM01	Campos-RJ	41.90	118	eP	P	P	05 25 57.7	-0.7
HHAR	Hobbs	42.00	344	IAMB	IAMB	IAMB	05 26 09.0	
COYC	Coyhaque	42.01	171	P	P	P	05 25 59.8	+0.8
COYC							05 25 57.3	-1.7
COYC	Coyhaque	42.01	171	P	P	P	05 25 59.7	+0.8
NBMA	Murici-CE	42.01	96	eP	P	P	05 25 58.6	-0.9
DKNS	Dikens	42.08	335	IAMB	IAMB	IAMB	05 26 11.1	
TPB28	comp=Z,65nm,0.8s	42.09	329	IAMB	IAMB	IAMB	05 26 11.0	
GUA01	Guaratinga, BA	42.16	110	eP	P	P	05 25 59.8	-0.8
WMOK	Wichita Mounta	42.16	338	P	P	P	05 26 00.5	+0.1
NB01	Camacan, BA	42.18	108	eP	P	P	05 25 59.8	-1.0
NCIT	Itapeh - BA	42.18	108	eP	P	P	05 25 59.8	-0.9
R55A	Marlinton	42.18	1	IAMS_20	IAMS_20	IAMS_20	05 43 15.5	
TUL3	Leonard	42.19	342	P	P	P	05 26 01.0	+0.4
RLO	Rose Lookout	42.20	343	IAMB	IAMB	IAMB	05 26 10.7	
RIB01	Linhares ES	42.27	114	eP	P	P	05 26 00.4	-1.1
S44A	Carbonate	42.31	350	IAMB	IAMB	IAMB	05 25 10.1	

USIN	University of	42.33	352	IAMB	IAMB	IAMB	05 26 10.4	
ALF01	Guarapari-ES	42.34	116	eP	P	P	05 26 01.4	-0.7
DEOK	Depew	42.35	341	IAMB	IAMB	IAMB	05 26 11.4	
R49A	Shelbyville	42.37	355	IAMS_20	IAMS_20	IAMS_20	05 43 00.7	
WCI	Wyandotte Cave	42.42	354	P	P	P	05 26 00.7	-1.7
WCI								
WCI	comp=Z,53nm,1.0s							
WCI	Wyandotte Cave	42.42	354	P	P	P	05 26 00.7	-1.7
WCI	Wyandotte Cave	42.42	354	IAMS_20	IAMS_20	IAMS_20	05 42 47.0	
WCI	Wyandotte Cave	42.42	354	P	P	P	05 26 00.8	-1.7
WCI	comp=Z,763nm,comp=Z,59nm,1.1s	42.42	354	P	P	P	05 26 00.8	-1.7
WCI	Wyandotte Cave	42.42	354	P	P	P	05 26 03.9	-0.1
WCI							05 26 19.5	
MNTX	Cornudas Mount	42.57	328	IAMB	IAMB	IAMB	05 42 55.1	
MNTX								
MNTX	comp=Z,2um,18.0s							
MNTX	Cornudas Mount	42.57	328	P	P	P	05 26 04.2	+0.4
OK052	Battle Ridge R	42.59	341	IAMB	IAMB	IAMB	05 26 14.0	
QUOK	Quay	42.72	341	IAMB	IAMB	IAMB	05 26 15.4	
NBTA	Tacaratu-PE	42.79	99	eP	P	P	05 26 04.9	-1.0
FVM	French Village	42.81	349	IAMB	IAMB	IAMB	05 26 15.0	
Q52A	Bidwell	42.87	358	IAMB	IAMB	IAMB	05 26 06.1	
Q52A								
Q52A	comp=Z,2um,20.0s							
Q54A	Coxs Mills	42.88	0	IAMS_20	IAMS_20	IAMS_20	05 46 23.9	
Q56A	Snyder Ridge,	42.96	2	IAMS_20	IAMS_20	IAMS_20	05 44 07.1	
Q51A	Peebles	42.98	357	IAMB	IAMB	IAMB	05 26 06.8	
OK048	Pawnee Station	43.02	341	IAMB	IAMB	IAMB	05 26 17.2	
CCM	Cathedral Cave	43.04	348	P	P	P	05 26 06.7	-0.7
CCM							05 26 15.1	+0.4
OK051	E0350 and S346	43.07	341	IAMB	IAMB	IAMB	05 26 17.7	
OK051								
OLIL	Olney	43.15	352	P	P	P	05 26 06.8	-1.5
T35A	Sooner Cattle	43.34	342	IAMB	IAMB	IAMB	05 26 10.4	+0.5
P53A	Whippy	43.38	359	IAMB	IAMB	IAMB	05 26 32.3	
P53A								
P53A	comp=Z,223nm,1.9s							
BLOK	Blackwell	43.42	341	IAMB	IAMB	IAMB	05 26 20.4	
AMTX	Amarillo	43.45	335	P	IAMB	IAMB	05 26 11.4	+0.5
AMTX								
Q44A	Meyer Farm, Va	43.45	351	IAMB	IAMB	IAMB	05 26 10.5	
SDMD	Soldier's Dell	43.46	5	P	P	P	05 26 09.7	-1.1
R40A	Maddies Statio	43.49	347	IAMB	IAMB	IAMB	05 26 20.6	
P52A	Corning	43.54	359	IAMB	IAMB	IAMB	05 26 11.2	
P48A	Milroy	43.55	355	IAMB	IAMB	IAMB	05 26 42.2	
P48A								
P48A	comp=Z,3um,22.0s							
MWCV	Mont Chateau	43.56	1	IAMB	IAMB	IAMB	05 26 34.8	
MWCV								
MWCV	comp=Z,134nm,1.0s							
ELIS	Ellis County	43.57	338	IAMB	IAMB	IAMB	05 26 22.5	
P46A	Rosedale	43.90	353	IAMS_20	IAMS_20	IAMS_20	05 46 25.2	
KAN01	Argonia South	43.96	340	IAMB	IAMB	IAMB	05 26 24.8	
O52A	Adamsville	44.02	359	IAMB	IAMB	IAMB	05 25 58.7	
O52A								
O52A	comp=Z,79nm,1.2s							
O54A	Avella	44.08	1	IAMB	IAMB	IAMB	05 26 36.7	
O54A								
O54A	comp=Z,125nm,1.9s							
O54A								
O54A	comp=Z,2um,21.0s							
KAN08	Anthony Ne Sta	44.10	340	IAMB	IAMB	IAMB	05 26 25.9	
O53A	New Philadelphia	44.14	360	IAMB	IAMB	IAMB	05 26 38.2	
ACSO	Alum Creek Sta	44.16	358	IAMB	IAMB	IAMB	05 26 16.2	
ACSO								
ACSO	comp=Z,2um,20.0s							
P43A	Skaggs, Pawnee	44.26	350	P	IAMB	IAMB	05 26 1	

25d 5h

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes entries like G40A, BAR Barrett, IRM Iron Mountain, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes entries like TBO Thunder Bay, GRAC Grapevine Rang, CWC Cotwood Cre, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes entries like PLID comp=Z,1.1um,19.0s, O02D Mt. Diablo Mer, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Time, and other details. Includes stations like HDA, IWEX, BRLL, QSPA, TORO, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Time, and other details. Includes stations like QSPA, P17K, K20K, L19K, N18K, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Time, and other details. Includes stations like G18K, MAHO, N14K, J16K, H17K, etc.

Table with columns: IAMS_20, IAMS_20, 06 13 42.5, 93.08 327, Saint Paul Isl, comp=Z,489nm,19.0s, etc.

Table with columns: HSKC, Hora Svate Kat, 95.89 40 P P, 05 31 35.2 +0.8, KHC, Kasperse Hory, 96.00 41 P pmax, etc.

Table with columns: comp=Z,333nm,20.0s, 109.37 51 IAMS_20 IAMS_20, 06 27 35.2, ISP, Isparta, 109.37 51 IAMS_20 IAMS_20, etc.

25d 5h

Table with columns: Station Name, Code, Station Name, Δ°, AZZ, Phase ID, Time, Res. Includes stations like WRA, TARG, HO1W1, KSH2, WMQ, BJ2, BJI2, HNS, TIA, JTH, TTY, KNRA, FITZ, HNL, FAK, N2J, UTK, LYN, AJM, RTAL, GOMU, LZH, NDI, NPL, AYAN, LZDM, UGON, XAN, PTH, LGTI, WHN, GUNA, JHNSI, TNDI, KARAD, CD2, ALBI.

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Table with columns: Station Name, Code, Station Name, Δ°, AZZ, Phase ID, Time, Res. Includes stations like LSA, GUYANG, LSA, LSA, LSA, GUYANG, KOD, KOHI, KOHI, TOLIZ, KM2, KM2, KM2, AZL, QIZ, QIZ, QIZ, CHTO, CMAR, CMAR, NIED, JMA, Code, Station Name, Δ°, AZZ, Phase ID, Time, Res. Includes stations like JIKH, JIO, JIO, JKMT, OFUJ, OFUJ, JMK, JMK, JOU, JOU, JMM, JMM, JOM, JOM, JYK, JYK, JRG, GCG, MEX, CATAC, ISC, Code, Station Name, Δ°, AZZ, Phase ID, Time, Res. Includes stations like THIG, THIG, SMCA, SMCA, PATR, PATR, CHUJ, CHUJ, PAVE, PAVE, RTAL, RTAL, QTEG, QTEG, HUEH, HUEH, HUEH, HUEH, APG, APG, TGIG, TGIG, TGIG, FAME, FAME, SLOZ, SLOZ, NUBE, NUBE, CEVE, CEVE, CEVE, CEVE, ESQI, ESQI, ESQI, ESQI, PMON, PMON, UJES, UJES, CMIG, CMIG, HUIG, HUIG, HUIG, HUIG, NEUV, NEUV, NEUV, NEUV, PEIG, PEIG, VHO, VHO, VHO, VHO, TOIG, TOIG, TOIG, TOIG.

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Table with columns: Station Name, Code, Station Name, Δ°, AZZ, Phase ID, Time, Res. Includes stations like THIG, THIG, PATR, PATR, PAVE, PAVE, CHUJ, CHUJ, SMCA, SMCA, RTAL, RTAL, HUEH, HUEH, TGIG, TGIG, TGIG, TGIG, STG8, STG8, APG, APG, CMIG, CMIG, PETF, PETF, NEUV, NEUV, BYKL, ZAK, ZAK, ZAK, ZAK, MOY, MOY, MOY, MOY, MOY, MOY, ARS, ARS, ARS, ARS, TLY, TLY, TLY, TLY, KNGR, KNGR, KNGR, KNGR, IVK, IVK, IVK, IVK, LSTR, LSTR, LSTR, LSTR, LSTR, LSTR, IRK, IRK, ULN, ULN, ULN, ULN, ORL, ORL, ORL, ORL, BGT, BGT, BGT, BGT, HRMR, HRMR, HRMR, HRMR, HRMR, HRMR, FFFNB, FFFNB, UUDB, UUDB, UUDB, UUDB, TDJR, TDJR, TDJR, TDJR, ZRRH, ZRRH, ZRRH, ZRRH, KZLR, KZLR, GORB, GORB, OGRR, OGRR, OGRR, OGRR, SYVR, SYVR, SYVR, SYVR, SYVR, SYVR, KPC, KPC, KPC, KPC, E04, E04, E03, E03, JMA, E04, E04, E03, E03.

25d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, Time, Res, ISC. Includes stations like YHH, MPU, TPO, PEA0B, etc.

IDC 25 06:44:03.6:0.9, 35.5:41S; 104.4:44W, h0km, mb4.0/10, mtbpm4.0/10, MS4.0/18, Error ellipse: s-maj=26.6km, s-min=23.4km az=48.0

NEIC 25 06:44:05.7:1.1, 35.5:5.0; 104.5:3W/0.04, h10km, f1km, mb4.7/30, Error ellipse: s-maj=17.6km s-min=6.7km

GCMT 25 06:44:08.7:0.2, 35.6:69S; 010.104:37W:0.02, h12km, MW4.9/112, Moment Tensor Solution, s38, c46; s112, c160; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.52±0.08; Mw=0.64±0.08; Mww=1.16±0.08; Mw=0.28±0.22; Mw=2.47±0.06; Mw=1.08±0.21; Best double couple: M2=87700x10^16 NP1=101.000000, δ86.000000, λ=24.000000, λ=172.000000. NP2=8.000000, δ83.000000, λ=24.000000. Principal axes: T 3.0430, Plg12.0000, Azms75.0000; N -0.3320, Plg65.0000; Azm173.0000; P -2.7100, Plg23.0000; Azm322.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 25 06:44:05.0:0.6, 35.4:95S; 010.104:49W:0.09, h10km, n71, c075/54, mb4.5/24, MS4.0/18, 1C, Southeast of Easter Island

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Op, Time, Res, ISC. Lists numerous stations like Rapa Nui, Juan Fernandez, H03N1, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Op, Time, Res, ISC. Lists stations like TXAR, TX31, PDRP, etc.

TAP 25 06:53:40.7:2.4:30.0N:121.59E, h46km, ML3.7, B3
ISC 25 06:53:41.7:0.9, 24:29N; 011x121.60E:0.02, h34km, 1km, n173, c0594/319, 1C-1D, Taiwan

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Op, Time, Res, ISC. Lists numerous stations like NACB, NACB, EHP, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Op, Time, Res, ISC. Lists numerous stations like HSN1, HSN1, HNY, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TWG Pinlang, CHNB Yiju, LDUT Ludao, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, PPT2 Papeete, PPT1 Papeete, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, MDPB Devils Postpil, F21K Alana River, etc.

BUI 25 07:03:52.9, 14:86S; 167:48E, h10km, mb5.4/5, mb5.0/2.4, Ms5.2/3, Ms7.5/0.3
IDC 25 07:03:54.0, 0.4, 14:88S; 166:87E, h0km, mb4.4/2.2, mbtm=4.3/2.5, ML4.8/3.2, MS4.0/1.0, Error ellipse: s-maj=13.9km s-min=11.1km az=72.0

USRK Ussuriysk Ar. 66.90 333 P P 07 14 42.8 -0.3
USRK Ussuriysk Ar. 66.90 333 P P 07 14 49.1 +0.6
USRK Kanagawa Island 67.97 11 P P 07 14 55.7 +0.6

ASRS 25 07:05:13.0: 1.1, 54:35N; 86:90E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 25 07:05:14.8: 4.5, 54:37N; 86:92E, h0km, mbtm=2.7/2, ML2.3/2.0, Error ellipse: s-maj=42.8km s-min=20.9km

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, NOUC Port Laguerre, ONTC Ouen Toro, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CN2 BinXian, CMAR Chiang Mai Arr, CHTO Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KSH2 Kashi, SPITS Spitsbergen Ar, LPAZ Paz, etc.

Table with columns for station name, coordinates, and status. Includes stations like Apoyeque, AI O del Volca, Copaltepe, etc.

Table with columns for station name, coordinates, and status. Includes stations like Durika, Palmar Norte, Cerro Verde, etc.

Geological notes and coordinates: IDC 25 07:15:18.7-0.5, 12:67N-58:31E, h0km, mb4.5/32, mbmp4.5/32, ML3.2/1, MS4.2/66, Error ellipse: s-maj=12.7km s-min=11.7km az=165.0

Code Station Name A° AZ° Phase ID Time Res

Main data table with columns for Code, Station Name, A°, AZ°, Phase ID, Time, and Res. Lists various stations and their associated data.

Table with columns for station name, coordinates, and status. Includes stations like KBL Kabul, LODK Lodwar, LODK Lodwar, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, AS15 Alice Springs, ASAR Alice Springs, AS17 Alice Springs, GUMO Guam, BILL Bilibino, PETK Petropavlovsk, QIB Mount Isa, ELIS Princess Elisa, COEN Coen, NVL N'azarenskaya, HTT Hallett, INKA Innamincka, STKA Stephens Creek, RES Resolute Bay, TROLL Troll, Antarti, CTA Charters Tower, SNAA Sanae, SNAA Sanae, SNAA Sanae, FRB Frobiisher Bay, C18K Utukok River, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, KRVT Keravat, SHEM Shemya Is, VNA3 Neumayer Ohmp, D20K Etivluk River, C23K Itkiliik River, D22K Ayikyak River, D25K Kavik River, F19K Shaleruckik Mo, C27K Jago River, E25K Arctic Village, ILAR Elselson-Watz, QSPA South Pole Qui, PDAR Pinedale Array, PLCA Pina Flores, NVAR Mina Array Bea, NVAR Mina Array Bea, DSP Deep Springs, MXTX Cornudas Mount, TXAR Lajitas Array, PPT2 Papeete2, PPT2 Papeete2, ATH 25 07:24:14.1, THE 25 07:24:15.1, ISC 25 07:24:14.7, Code Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like RTZL Ratzakli, Kefa, Ampelaki, Plevrona-Mesol, Paravola, Paravola, Araxos, Araxos, Orthonies,Zaky, Orthonies,Zaky, Kipseli, Zakin, Tetrakomo, Epi, Riolos of Patr, Riolos of Patr, Araxos, Igomuenitsa, Lithakia, Lithakia, Agrapidokambos, Evrytania, Evrytania, Janina, Janina, Ano Chora, Etpalio, Magoula, Dorid, Drossia, Pyrgos, Dorida, Sergoula, Sergoula, Kerkira, Kerkira, Kalithea, Kalithea, Kalavryta, Ach, Agios Georgios, Agios Georgios, Kipourio, Kipourio, Kipourio, Kipourio, Klokotos Trika, Klokotos Trika, Goura, Tynnavos, TRN 25 07:26:31.5, SMRT St. Maarten, SABA Saba, SABA Saint Kitts, ANWB Willy Bob, SJG San Juan, TAP 25 07:57:29.9, ISC 25 07:57:29.8, Code Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like NSK Sanguang, WARBET Finglin Townsh, FUSHB Fushanzhiwuyua, ILA Ilan, EOSE2 EOSE2, NWSL Wulai, EOSE3 EOSE3, EOSE4 EOSE4, NFF Wufeng Townshi, WHP Taichung City, WHP Taichung City, WWDT WWDT, WWDT WWDT, WCS Beigang Elemen, WCS Beigang Elemen, EGGS EGGS, KSHI Guanxi Townshi, LIOB Emei, LIOB Emei, NANJUANG Nanjuang, HIGSD Ruisui, SMLT Sun Moon Lake, SMLT Sun Moon Lake, EHY Hungye, SSSLB Suanglung, SSSLB Suanglung, EHYH Wanrong, EHYH Wanrong, TWA Mucha, TWA Mucha, TATA Taipei, TATO Taipei, TYC Yuchr, TYC Yuchr, TIPB Shuangxi, TIPB Shuangxi, TQJ Liyutan, SBCB Hsinchu, SBCB Hsinchu, TAP Taipei, TAP Taipei, NMLH Hsiaoili, Hsiaoili, HSN Hsinchu, HSN Hsinchu, TWB1 Santiao Chiao, TWB1 Santiao Chiao, NCUH Zhongli, NCUH Zhongli, YULB Yu-li, YULB Yu-li, YULB Yu-li, YULB Yu-li, WFSB Wu-fen Shan, WFSB Wu-fen Shan, WHYT Xinyi Township, WHYT Xinyi Township, TCY Taichung, TCY Taichung, TWFI Yuli, TWFI Yuli, XW1 Grass Mountain, XW1 Grass Mountain, TWS1 Kuangyinshan, TWS1 Kuangyinshan, WJS Zhushan, WJS Zhushan, WDJ Dajia District, WDJ Dajia District, WNT Mingjian, WNT Mingjian, WNT Mingjian, WNT Mingjian, YM01 YM01, YM01 YM01, TNOU National Taiwa, TNOU National Taiwa, TNOU National Taiwa, TNOU National Taiwa, YUS Yu-Shan, YUS Yu-Shan, ZUZH Zhu-zhi, ZUZH Zhu-zhi, Danshui, Danshui, NTST NTST, YM08 YM08, ANP Anpu, WCHH Zhanghua, WCHH Zhanghua, Alishan, Alishan, FULB Fuli, FULB Fuli, CHN5 Chenhua, CHN5 Chenhua, TWNS Tsauling, TWNS Tsauling, WDLH Douliu, WDLH Douliu, WDLH Douliu, WDLH Douliu, ELDTW Lidau, ELDTW Lidau, WRL Guolierlin Hig, WRL Guolierlin Hig, WCKO Fanlu, WCKO Fanlu, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, CHN4 Tsaushan, CHN4 Tsaushan, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, STYH Taoyuan, STYH Taoyuan, CHY Chiayi, CHY Chiayi, WTP Ta-pu, WTP Ta-pu, TWK Hsiangyin, TWK Hsiangyin, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, WSL Shulin Townsh, WSL Shulin Townsh, WSL Shulin Townsh, WSL Shulin Townsh, SGST Jiashian, SGST Jiashian, MASBT Mashibulo, MASBT Mashibulo, IDC 25 08:50:31.5, I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array, SOME 25 09:07:12.7, KRNET 25 09:07:14.0, NNC 25 09:07:20.7, Error ellipse: s-maj=71.0km, Error ellipse: s-maj=71.0km, Code Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC.

ISC 25 11:07:42.8±0.9, 19.73N, 0.04°171.15W, 0.05, h18km±6km, n9, ±105/15, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LOPP1 Punta Rusia, MADR Mao Valverde, LUDR Luperon, etc.

IDC 25 11:25:25.0±1.9, 16°17'Sx173°93'W, h216km±33km, mb3.7/4, mbtmp4.2/5, Error ellipse: s-maj=38.4km s-min=25.7km az=20.0

ISC 25 11:25:24.5±0.9, 16.2S, 0.2x174.1W±0.2, h200km±6, c078.7, mb3.8/4, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, RAO Raoul Island, STKA Stephens Creek, etc.

SDD 25 11:34:24.6±2.9, 19.80N, 71°24'W, h0km±11km, ML2.7, ML2.6, MW2.8, Presumed earthquake

OSPL 25 11:34:24.1±2.1, 19.80N, 71°24'W, h0km±13km, ML2.4, Presumed earthquake

ISC 25 11:34:22.6±0.9, 19.82N, 0.03°171.19W, 0.03, h162km±8km, n15, c069/24, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LOPP1 Punta Rusia, LUDR Luperon, MADR Mao Valverde, etc.

IDC 25 11:41:00.6±2.7, 19.45N, 71°31'W, h0km, mb3.8/3, mbtmp3.9/4, ML4.3/1, MS3.4/18, Error ellipse: s-maj=96.4km s-min=17.0km az=23.0

NEIC 25 11:41:04.7±1.1, 19.81N, 0.03°171.22W, 0.04, h10km±1km, mb4.4/28, Error ellipse: s-maj=6.3km s-min=4.9km az=221.0

PTWC 25 11:41:05.19, 80N, 71°30'W, h26km, ML4.5/9, SSNC 25 11:41:05.3±2.4, 19.67N, 71°19'W, h80km±45km, MD3.9, ML4.5, Presumed earthquake

OSPL 25 11:41:06.5±2.0, 19.82N, 71°20'W, h3km±7km, ML4.0, Presumed earthquake

SDD 25 11:41:06.9±2.6, 19.80N, 71°18'W, h4km±5km, MD3.0, ML4.1, MW3.9, Presumed earthquake

ISC 25 11:41:05.0±0.9, 19.80N, 0.02°172.00W, 0.02, h18km±4km, n11, c1923/110, mb4.4/13, MS3.4/15, 4C-4D, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LOPP1 Punta Rusia, LUDR Luperon, MADR Mao Valverde, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LODA1 ITESIL, Dajabo, SC01 Santiago de lo, SODR Sosua Marina B, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SADO Sadowa, R40A Maddies Statio, TXAR Lajitas Array, ANMO Albuquerque, etc.

Table of seismic data for stations 1443-2499. Columns include station name, location, coordinates, time, magnitude, and other parameters.

Table of seismic data for stations 2500-3500. Columns include station name, location, coordinates, time, magnitude, and other parameters.

Table of seismic data for stations 3501-4500. Columns include station name, location, coordinates, time, magnitude, and other parameters.

Table with columns for station code, name, frequency, and signal strength. Includes stations like KIV, CSS, BTK, RPOH, KIRS, CHM, GOYR, BR131, BRTR, KKHU, KK31, KK31, KKAR, ARK, DZA, ARSB, ELL, AAK, ASAI, MANT, SGDS, KARP, BOOM, KDJ, TARG, TNSS, MDOK, BELG, VRH, THERA, SATY, VORD, HYB, KPKS, JURR, GVD, UZB, ALN, VORR, TPRS, SHLS, RDO, RDO, TDK, LPSR, VRI, SRS, PLOR, SOH, SOH, MLR, MLR.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MLR, MLR, COVR, TESR, TESR, ONER, BORK, BVAR, VOIR, BIZ, AKIO, AK06, AK05, LK02, AK02, AK01, AKASG, AKASG, AKASG, AKKB, KIEV, KIEV, KIEV, AK03, AK04, LUBAR, BURAR, BURAR, BURAR, MK31, MKAR, MKAR, MI29, MI30, KURBB, KURBB, OBN, OBN, OBN, GZR, KURK, KURK, KURK, SEM, SEM, KIRV, RNP5, ZSN, ZSN, KOLS, KOLS, KOLS, WMQ, WMQ, WMQ, MNK, MNK, MNK, MNK, MORH, MORH, PALK, NACGM, LANS, LANS, OJC, OJC, OJC, MPLH, MPLH, KLMR, KLMR, JAVC, SMOI, MODS, MODS, PABE, ZALV, ZALV.

Table with columns for station code, name, frequency, and signal strength. Includes stations like ZALV, ZALV, ZALV, STEB, MORC, MORC, MORC, ARSA, CONA, VRAC, VRAC, VRAC, KRUC, KRUC, KRUC, SOKA, SOKA, SOKA, MBAR, MBAR, VSU, VSU, VSU, SESA, SESA, DPC, DPC, DPC, DPC, OSTC, OSTC, KSP, KSP, UPC, UPC, MOA, MOA, MOA, KBA, KBA, KBA, STAL, STAL, ARBE, ARBE, GERES, GERES, GERES, GERES, ABTA, ABTA, KHC, KHC, KHC, KHC, KHC, WTTA, WTTA, WTTA, WATA, WATA, WATA, KEST, KEST, KEST, MOTA, MOTA, NKC, NKC, CLL, CLL, CLL, CLL, FINES, FINES, FINES, RETA, RETA, RETA, DAVO, DAVO, DAVO, BSD, BSD, BSD, DAVA, DAVA, DAVA, BLEU, BLEU, BLEU, LUNU, LUNU, GORT, GORT, SLE, SLE, CLZ, CLZ, DEL, DEL, GAT2, GAT2, BFO, BFO, LLD, LLD, COP, COP, FABU, FABU, ECH, ECH, ECH, ECH, GIMEL, GIMEL, ONAU, ONAU, TJOU, TJOU, WLF, WLF, HFS, HFS, MUD, MUD, STRU, STRU, GOET, GOET.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like CHIANG MAI, CHIANG MAI ARR, LANZHOU, TAMANRASSET, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like MINAS DO LOUSA, VILA BISBO, SPITSBERGEN, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like PORCUPINE RIVE, MOLOZINA RIVE, DEYON STRIP, etc.

GRAL 25 12:18:09.8+0.34°83N-36°48E, h0km±2km, M03.5
GII 25 12:18:09.1+0.0, 34°928N-36°217E:0.001,
h0km, Mvs3.2, confirmed
NIC 25 12:18:11.0, 34°93N-36°25E, h15km±2km, M12.6/13
AFAD 25 12:18:10.3, 34°96N-36°25E, h34km±1km, ML3.3
ISK 25 12:18:12.2, 35°12N-36°01E, h5km, ML2.9/15
ISC 25 12:18:09.3+1.2, 34°90N-02°36E:0.04, h5km±10km,
n67, c093/102, Jordan-Syria 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. Rows include stations like BEIL Beino, BEIL Hawqa, HWQ Zahle, etc.

25d 13h

Table with columns: LODA1, ITESIL, Dajabo, 0.53 242 P Pb, 12 51 09.2 +0.4, FITZ, Fitzroy Crossi, 22 70 239 P P, 12 57 59.6 -1.2, NC602, eS, Sn, 13 07 48.6 -1.3

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, PMG, Port Moresby, 2.51 155 P P, 12 53 55.9 +0.3

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Table with columns: FITZ, Fitzroy Crossi, 22 70 239 P P, 12 57 59.6 -1.2, NC602, eS, Sn, 13 07 48.6 -1.3

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ROTU, Roteberg, 0.34 193 P P, 13 06 48.7 0.0

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Table with columns: NOA, NORARS Array B, 2.40 255 Pn, 13 07 22.1 +0.9, NOA, eS, Sn, 13 07 54.8 +0.1

IDC 25 13:14:34.0L0.8, 46:37N:152:81E, h0km, mb3.8/16, mbtmp3.8/18, ML2.9/2, MS3.5/32, Error ellipse: s-maj=2.22km s-min=14.5km az=152.0

MOS 25 13:14:36.3L1.0, 46:34N:152:86E, h26km, mb4.6/11, Error ellipse: s-maj=10.3km s-min=7.4km az=64.5

SKHL 25 13:14:38.3L0.3, 46:20N:153:10E, h58km, mb4.9/5, NEIC 25 13:14:40.6L1.0, 46:44N:0:1x152:7E:0.1, h39km, 7km, mb4.4/34, Error ellipse: s-maj=17.1km s-min=9.8km az=142.0

ISC 25 13:14:40.0L0.6, 46:43N:0:07:152:81E:0:06, h40km, n145, c1843/121, mb4.3/44, MS3.7/29, 4C-ID, Kuril Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, REI, Reidovoe, 3.55 253 Op, 13 05 26.9 +0.1

Table with columns: ID, Name, Date, Time, P, I, A, M, B, S, SNR, etc. Includes entries like KODAK, KODAK, Nushagak River, Yreka Blue Heron, Devils Postpile, etc.

Table with columns: ID, Name, Date, Time, P, I, A, M, B, S, SNR, etc. Includes entries like E09A Wood Farm, Sta, DUG Dugway, Toolee, O28M Mout Upton, H18K Honhosa River, etc.

Table with columns: ID, Name, Date, Time, P, I, A, M, B, S, SNR, etc. Includes entries like MMPY comp=Z,1.1nm,0.9s, G26K Porcupine River, MAW comp=Z,1.3nm,1.1s, etc.

IDC 25:15:23:05, I, 1.0, 4.88N, 127:55E, h0km, mb4.17, mbmp4.27, Err: 0.5, s-maj=54.6km s-min=17.0km az=75.0 DJA 25:15:23:17, 1.0, 5.5N, 4.4E, h95km, 23km, M4.5/14,

mB4.7/4, mb4.7/6, MLv4.6/14, Mw(mB)3.9/4
MAN 25 15:23:17.0, 4.94N; 127.45E, h118km, MS3.9
NEIC 25 15:23:18.4, 0.8, 4.86N; 0.08x127.6E; 0.1, h104km, gkm,
mb4.2/21, Error ellipse: s-maj=17.1km s-min=10.0km
az=67.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists various stations like Don Marcelino, General Santos, Davao City, etc.

MEX 25 15:24:05.7-0.5, 15.64N-95.46W, h16km, 529km, MD3.7,
Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like Huatulco, Matias Romero, Puerto Escondido, etc.

IDC 25 15:24:31.0, 0.9, 29.33N; 80.75E, h0km, mb4.0/13,
mbtmp4.0/16, ML/3, MS3.0/7, Error ellipse:
s-maj=24.9km s-min=15.6km az=50.0

GFZ 25 15:24:34.0, 4.30'N; 6.8'1E, h10km, M4.3/13,
mb4.2/13, Error ellipse: s-maj=16.8km s-min=5.0km
az=41.3, confirmed

NEIC 25 15:24:34.3, 1.6, 29.56N; 0.06-80.93E; 0.09, h10km, 1km,
mb4.3/16, Error ellipse: s-maj=13.1km s-min=10.1km
az=266.0

DMN 25 15:24:36.4, 0.3, 29.91N; 81.02E, h10km, M4.8/10, Error
ellipse: s-maj=18.7km s-min=5.7km az=28.0

NDI 25 15:24:36.0, 3.3, 29.41N; 80.90E, h10km, ML3.8, MW3.6,
Presumed earthquake

ISC 25 15:24:33.9, 0.4, 29.45N; 0.04-80.94E; 0.03, h17km, n103,
az=08/131, mb4.2/20, MS3.0/4, Nepo-India border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like Pithoragarh, Tawana, etc.

Main table with columns: PTH, LGTI, JOST, JOSI, JOSJ, UTK, DANN, DANN, DANN, KOLN, KOLN, KOLN, KLP, KLP, NDI, NDI, NDI, NPLP, NPLP, NPLP, AGRA, GKN, GKN, GKN, SMLA, SMLA, SMLA, DMN, DMN, DMN, DMN, KUDL, KUDL, KUDL, KKK, KKK, KKK, ALBI, ALBI, ALBI, PKIN, PKIN, PKIN, PKI, PKI, PKI, GUN, GUN, GUN, GUN, TISSA, TISSA, TISSA, THN, THN, THN, EVN, RAMN, RAMN, RAMN, GUNA, GUNA, GUNA, GAYA, GAYA, GAYA, JMMU, JMMU, ODAN, ODAN, ODAN, BOK, SHBG, SHBG, SHBG, BLSP, BLSP, BLSP, NIL, NIL, UDDR, UDDR, UDDR, UDDR, LSA, LSA, LSA, LSA, TAWA, TAWA, TAWA, TAWA, GUWA, GUWA, GUWA, GUWA

Main table with columns: GUWA, SHL, TEZP, TEZP, ZIRO, ZIRO, WUS, WUS, AZL, AZL, AZL, KOHI, KOHI, KOHI, MOKO, MOKO, MOKO, TARG, TARG, TARG, OHH, OHH, MORE, KDJ, BTK, ARSB, BOOM, BOOM, PDGK, AAK, AAK, WMQ, KK31, KKAR, NPW, MKAR, MKAR, MKAR, MAKZ, MAKZ, CHTO, CMAR, CMAR, CMAR, ZALV, ZALV, ZALV, BVAR, AB31, AB31, AB31, SONM, SONM, SONM, HHC, HHC, HHC, TLY, KRSR, USRK, LVZ, FINES, FINES, FINES, HFS, HFS, HFS, PRED, SENIN, SENIN, ESK, ESK, ESK, ESK, WRA, ASAR, ASAR, TORD, TORD, J17K, J17K

Table with columns for station name, frequency, power, and other technical details. Includes stations like SWI Sorong, TOLIZ Tolitoli, KDI Kendari, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BJL2, BJL1, BJL2, etc.

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

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Table with columns: DIV, Name, Time, Date, Location, Status, etc. Includes entries like KAIM Kayak Island, KLU Kutina, RAGM Ragged Mountai, etc.

2020 AUG

Table with columns: BCAR, CHMS, UCH, FRU1, C23K, QSPA, QSPA, QSPA, JASL, AAK, AAK, AAK, MAW, MAW, MAW, D24K, USP, K27K, F25K, C24K, EKS2, E25K, BMAR, G26K, SIT, OHH, OHH, BTLS, BTLS, BTLS, F26K, F26K, D25K, I27K, M29M, H27K, H02S2, H02S1, N30M, DRK, DRK, DRK, G27K, CRAG, CRAG, O30N, R32K, JIS, ARK, ARK, ARK, NRIK, NRIK, NRIK, E27K, I29M, BTk, BTk, BTk, DZA, DZA, DZA, H29M, D27M, J30M, KBL, KBL, KBL, M31M, I30M, KK31, KK31, KKAR, KKAR, BRLS, BRLS, BRLS, CHM, CHM, CHM, BBB, BBB, BBB, H31M, H31M.

25d 19h

Table with columns: DLBC, G31M, KMRM, KCPM, BVAR, BORK, BORK, BORK, INK, INK, CBB, K02D, O02D, I03D, M02C, M02C, NLWA, COR, COR, COR, CLRS, WISH, YBH, YBH, E03A, B04A, PGC, I04A, HULI, G04A, G04A, GNW, ORV, HATC, PMPB, AFDM, D05A, LON, A05A, CMB, LLLB, LTY, PNTR, PNTR, YES, MXC, PAHR, F07A, SYO, SYO, ISA, WAH2, WAH2, PASC, CRZF, EPH, C36M, LHV, LHV, PNT, NVAR, NVAR, CWC, B08A, WVOR, WVOR, WVOR, BFSC, KVN, D08A, J08A, ELS, MPMC, LNOR, GMN, TPH, QSM, BMN, BMN, GWY, PFO.

TUE	Stuetta	127.96 328	PKP	PKPdf	19 22 01.0 -1.7
TUE	Stuetta	127.96 328	PKP	PKPdf	19 22 02.9 +0.0
AQU	L'Aquila	128.07 321	PKP	PKPdf	19 22 01.9 -1.0
AQU	L'Aquila	128.07 321	PKP	PKPdf	19 22 01.8 -1.0
NNA	Nana	128.49 110	PKP	PKPdf	19 22 03.1 -1.3
TSM	Tsumeb	129.20 300	PKP	PKPdf	19 22 04.0 -1.0
TSM	comp=Z:7.9nm,1.1s,baz=130,slow=5.0,SNR=6.7		SKPbc		19 25 25.7
PT4	IPOC Station P	130.40 128	PKP	PKPdf	19 22 08.2 +1.9
OTAV	Otavalo	130.47 94	PKP	PKPdf	19 22 08.7 +1.2
OTAV	Otavalo	130.44 94	PKP	PKPdf	19 22 04.8 -2.0
ISO	Isola	130.68 327	PKP	PKPdf	19 22 07.8 0.0
SSB	Saint Sauveur	131.25 330	IAMS_20	IAMS_20	20 27 18.8
PB08	IPOC Station P	132.26 123	PKP	PKPdf	19 22 14.1 +1.2
PB16	IPOC Station P	132.78 121	IAMS_20	IAMS_20	20 15 05.7
CZSB	Cruzeiro do S	133.58 106	eP	PKPdf	19 22 11.2 -2.8
ROSC	El Rosal	133.99 89	PKP	PKPdf	19 22 15.7 +0.5
KEST	Kesara	134.31 316	PKP	PKPdf	19 22 15.4 +0.6
KEST	comp=Z:4.5nm,0.8s,baz=15.0,slow=3.8,SNR=3.8		SKPbc		19 25 42.1 -0.4
LPAZ	La Paz	134.85 119	PKP	PKPdf	19 22 09.2
LPAZ	comp=Z:0.9nm,0.7s,baz=331,slow=8.0,SNR=4.3		PKP		19 22 19.1 +0.5
LPAZ	La Paz	134.85 119	PKP	PKPdf	19 22 15.2 -1.9
LPAZ	La Paz	134.85 119	PKP	PKPdf	19 22 15.2 -1.9
LPAZ	La Paz	134.85 119	PKP	PKPdf	19 22 15.3 -1.9
MAHO	Mahon	135.06 324	PKP	PKPdf	19 22 17.3 -0.2
GRTK	Grand Turk	135.40 65	IAMS_20	IAMS_20	20 24 52.0
CP5B	Capacapa Do Su	136.82 147	eP	PKPdf	19 22 17.4 -2.3
CPUP	Villa Florida	137.52 140	PKP	PKPdf	19 22 21.8 +0.7
CPUP	comp=Z:1.0nm,1.0s,baz=237,slow=5.1,SNR=1.1		PKP		19 22 18.6 -2.4
UCM	Universidad C	138.78 331	PKP	PKPdf	19 22 21.3 -1.7
ECAL	Calabar	139.03 336	PKP	PKPdf	19 22 21.6 -1.9
PBRG	Braganca	139.15 335	PKP	PKPdf	19 22 24.1 +0.4
EMUR	La Murta	139.58 327	PKP	PKPdf	19 22 26.0 -0.9
EMUR	Sonsecarra Array	139.62 331	PKP	PKPdf	19 22 16.1
ESDC	comp=Z:1.2nm,1.1s,baz=35,slow=3.8,SNR=8.3		PKP		19 22 25.5 +0.9
ESDC	comp=Z:1.2nm,0.6s,baz=16,slow=3.0,SNR=1.0		PKP		19 25 18.9 0.0
ESDC	comp=Z:4.6nm,1.0s,baz=25,slow=6.7,SNR=1.0		SKPbc		19 25 59.4 +1.3
ESDC	comp=Z:4.9nm,1.2s,baz=15,slow=2.8,SNR=5.2		SKPbc		19 22 17.4
ESDC	Sonsecarra Array	139.62 331	PKP	PKPdf	19 22 23.8 -0.7
PGAV	Gaveira, Arco	139.63 337	PKP	PKPdf	19 22 23.4 +0.6
PGAV	comp=Z:2.7nm,0.2s,baz=309,slow=6.5,SNR=1.3		SS		19 43 48 +6.6
MVO	Monorvoo	139.80 335	PKP	PKPdf	19 22 25.0 +0.1
POLO	Lamas de Olo	139.94 336	PKP	PKPdf	19 22 24.8 -0.4
PVRL	Vila Real	139.99 336	PKP	PKPdf	19 22 27.8 +0.1
MVRT	Porto Murinho	140.43 134	PKP	PKPdf	19 22 25.5 -0.8
PVIS	Viseu	140.53 336	PKP	PKPdf	19 22 26.2 0.0
MTE	Manteigas	140.65 335	PKP	PKPdf	19 22 26.4 -0.1
MTE	comp=Z:2.9nm,0.7s,baz=118,slow=4.2,SNR=4.0		PKP		19 25 30.5 +5.5
ENIJ	Nijar	140.74 326	PKP	PKPdf	19 22 27.8 +1.2
SGCZ	Sao Gabriel da	140.75 97	eP	PKPdf	19 22 26.9 -0.4
SGCZ	Sao Juan	140.78 98	PKP	PKPdf	19 22 03.4 -0.5
SJG	Sao Juan	140.78 98	PKP	PKPdf	19 22 28.0 +0.9
SJG	Sao Juan	140.78 98	PKP	PKPdf	19 22 28.2 +1.1
HUMP	Col San Antoni	141.09 68	PKP	PKPdf	19 22 23.5 -4.1
EADA	Adamuz	141.23 334	PKP	PKPdf	19 22 24.4 -5.1
PCBR	Castelo Branco	141.09 334	PKP	PKPdf	19 22 28.4 +1.2
EBER	Berja	141.17 327	PKP	PKPdf	19 22 24.2 -3.4
EQTA	Presa de Quent	141.24 328	PKP	PKPdf	19 22 22.6 -5.0
PCAS	Casmillo, Conde	141.34 336	PKP	PKPdf	19 22 27.6 -0.1
COIM	Forte Coimbra	141.39 132	PKP	PKPdf	19 22 25.1 -3.1
PMRV	Marv???	141.39 334	PKP	PKPdf	19 22 27.4 -5.2
PMRV	comp=Z:2.9nm,0.7s,baz=118,slow=4.2,SNR=4.0		PKP		19 25 38.2 +8.6
EMCB	Ei Cabril	141.57 331	PKP	PKPdf	19 22 23.0 -5.2
PSARD	Sardoal	141.58 335	PKP	PKPdf	19 22 26.1 -2.0
ELGU	Los Guajares,	141.59 328	PKP	PKPdf	19 22 23.6 -4.7
EGOR	Sierra Gorda,	141.92 336	PKP	PKPdf	19 22 25.3 -6.5
PSBE	Sao Bento	141.92 336	PKP	PKPdf	19 22 25.3 -3.4
EALB	Alboran	141.95 326	PKP	PKPdf	19 22 25.1 -3.7
PTBG	Pitanga	141.96 143	PKP	PKPdf	19 22 26.8 -2.5
PMTG	Montargil	142.05 335	PKP	PKPdf	19 22 26.2 -2.7
EMAL	Malaga-Limoner	142.07 334	PKP	PKPdf	19 22 24.4 -5.1
PARRA	Arraiolos	142.18 334	PKP	PKPdf	19 22 24.1 -5.0
PBAR	Barrancos	142.26 332	PKP	PKPdf	19 22 27.4 -1.9
PBAR	Barrancos	142.26 332	PKP	PKPdf	19 22 24.8 -5.4
WMELI	Mellilla	142.35 325	PKP	PKPdf	19 22 27.2 -2.4
EMLI	Mellilla	142.37 325	PKP	PKPdf	19 22 28.7 -0.9
EVORA	Evora	142.37 324	PKP	PKPdf	19 22 27.4 -2.2
EVO	Evora	142.41 334	PKP	PKPdf	19 22 25.5 -4.0
EMIJ	Mijas	142.42 329	PKP	PKPdf	19 22 25.5 -4.1
EMIN	Mina Concepcio	142.42 329	PKP	PKPdf	19 22 26.8 -2.8
AQDB	Aquidauana	142.55 134	PKP	PKPdf	19 22 26.8 -3.5
ACODS	Aquidauana	142.55 134	PKP	PKPdf	19 22 25.5 -3.6
MOE	Montemor	142.56 334	PKP	PKPdf	19 22 26.9 -3.0
PMAFR	Mafrá	142.59 336	PKP	PKPdf	19 22 26.7 -3.2
ESPR	Espera	142.74 330	PKP	PKPdf	19 22 26.4 -3.7
LISJ	Lisbon	142.74 335	PKP	PKPdf	19 22 28.3 -1.8
PBEJ	Beja	142.76 333	PKP	PKPdf	19 22 30.0 -0.2
PTLB	Pointes e Lacer	142.83 69	PKP	PKPdf	19 22 27.4 -3.4
PTLB	Pointes e Lacer	142.86 125	eP	PKPdf	19 22 28.6 -2.3
EGRO	El Granado	142.99 332	PKP	PKPdf	19 22 29.8 -0.8
PLOUS	Minas do Louso	143.00 334	PKP	PKPdf	19 22 28.1 +0.7
TRCB	Terra Rica	143.03 140	eP	PKPbc	19 22 28.6 +0.7
MESJ	Messejana	143.07 333	PKP	PKPdf	19 22 28.8 +1.2
MESJ	Messejana	143.07 333	PKP	PKPdf	19 22 28.3 +0.4
PCVE	Castro Verde	143.16 333	PKP	PKPdf	19 22 28.6 -0.8
PCVE	Castro Verde	143.16 333	PKP	PKPdf	19 22 28.9 +1.1
VILB	Vilhena	143.20 120	eP	PKPdf	19 22 30.6 -1.0
PVAQ	Vaqueiros	143.20 332	PKP	PKPdf	19 22 27.4 -0.5
PVAQ	comp=Z:2.5nm,0.8s,baz=114,slow=6.4,SNR=5.7		PKP		19 25 43.9 +3.6
TAM	Tamanrasset	143.40 301	PKP	PKPdf	19 22 29.0 +0.1
TAM	comp=Z:3.3nm,22.0s		MLR		19 22 29.0 +0.2
TAM	Tamanrasset	143.40 301	PKP	PKPdf	19 22 29.0 +0.2
PBDV	Barranco-do-Ve	143.43 333	PKP	PKPdf	19 22 30.7 -0.8
PBDV	Barranco-do-Ve	143.43 333	PKP	PKPdf	19 22 29.3 +0.7
LDSE	Londrina, Braz	143.52 143	eP	PKPbc	19 22 30.3 +1.0
PTEO	Sao Teotonio	143.54 334	PKP	PKPdf	19 22 29.2 +0.3
SABA	Saba	143.58 68	eP	PKPbc	19 22 28.7 0.0
SMRT	St. Maarten	143.62 67	eP	PKPbc	19 22 28.8 0.0
MORF	Marletele	143.73 333	PKP	PKPdf	19 22 30.0 +0.6
MORF	Marletele	143.71 333	PKP	PKPdf	19 22 29.6 +0.2
PFVI	Vila Bisbo	143.93 333	PKP	PKPbc	19 22 28.4 -1.1
PFVI	Vila Bisbo	143.93 333	PKP	PKPbc	19 22 30.4 +0.4
PFVI	Vila Bisbo	143.93 333	PKP	PKPbc	19 22 30.2 +0.2
FRTB	Fartura	143.97 45	eP	PKPbc	19 22 31.0 +0.3
MBWH	Windy Hill	144.77 69	eP	PKPbc	19 22 32.5 -0.7
MLYT	Lee's Yard	144.78 69	eP	PKPbc	19 22 32.5 -0.7
IFR	Ifrane	144.89 326	PKP	PKPdf	19 22 33.2 -0.4
ANWB	Willby Bo	144.91 67	eP	PKPbc	19 22 33.3 -0.3
PP1B	Ponte de Pedra	144.97 131	eP	PKPbc	19 22 34.3 +0.4
PETOI	Hansem-Sp	144.98 348	PKP	PKPdf	19 22 32.1 +1.2
MD01	Midelt array s	145.16 324	eP	PKPbc	19 22 31.8 -2.4
DHSZ	Broadband at M	145.29 69	eP	PKPbc	19 22 33.5 -1.3
SALV	Santo Antonio	145.47 128	eP	PKPbc	19 22 32.8 -2.8
MMLZ	Guedaloupe Bro	145.43 70	eP	PKPbc	19 22 36.8 +1.1
SPB	Sao Paulo B	145.49 329	PKP	PKPdf	19 22 34.3 -1.8
RTC	Rabat Centre	145.48 328	PKP	PKPdf	19 22 36.2 +0.9
BTC	Guedaloupe-3	145.50 70	eP	PKPbc	19 22 35.3 -0.2
C2SB	Chapadao do Su	145.69 135	eP	PKPbc	19 22 33.7 -2.1
DSLB	Salisbury	145.80 71	eP	PKPbc	19 22 35.7 -0.4
DWS	Wesley	145.88 70	eP	PKPbc	19 22 37.5 +0.2
DSIDZ	La Diserada, G	146.13 69	eP	PKPbc	19 22 39.5 +0.7
GRW	Mount Saint C	146.18 76	eP	PKPbc	19 22 34.8 -0.2
VAO	Valinhos	146.19 148	eP	PKPbc	19 22 34.6 -2.1
GRGR	Grenville	146.19 76	IAMS_20	IAMS_20	20 42 45.8
GRGR	comp=Z:2.3nm,20.0s		PKP		19 22 35.9 -0.9
GRSS	Sisters	146.21 76	eP	PKPbc	19 22 36.8 +0.8
AVE	Averroes	146.31 328	PKP	PKPbc	19 22 37.2 -0.4
MACA	Manacapurú-AM	146.31 104	eP	PKPbc	19 22 34.8 -2.2
BIM	Bigot	146.33 72	IAMS_20	IAMS_20	20 43 11.0
BIM	comp=Z:3.3nm,19.0s		PKP		19 22 37.4 +0.4

RCLB	Rio Claro-Sao	146.35 146	eP	PKPbc	19 22 34.7 -2.3
ILAM	Ilet Lavin Mar	146.47 72	eP	PKPbc	19 22 36.7 -0.5
SLBI	Saint Lucia, B	146.53 73	eP	PKPbc	19 22 37.6 +0.4
MPOM	Morre Pois Mar	146.55 72	PKP	PKPdf	19 22 33.6 -3.7
MPOM	comp=Z:1.45nm,0.9s,baz=125,slow=6.0,SNR=6.9		PKPbc		19 22 38.1 -0.7
PCRA	Graciosa	146.62 360	eP	PKPbc	19 22 38.1 -0.7
TRN	Trinidad (W)	146.62 79	eP	PKPbc	19 22 38.1 +0.6
SLAC	Saint Lucia, A	146.62 73	eP	PKPbc	19 22 39.0 -0.1
BB19	Bebedouro	146.84 143	eP	PKPbc	19 22 38.0 +0.3
PAGU	Agualva, Azore	146.87 359	eP	PKPbc	19 22 36.9 -0.3
PASA	Rosalia	146.93	eP	PKPbc	19 22 36.7 -0.7
ADH	Agua Heroseimo	146.98 359	eP	PKPbc	19 22 39.8 +0.4
PMAN	Manadas	147.01 01	eP	PKPbc	19 22 40.0 +0.5
CALA	Caldeira	147.06 01	eP	PKPbc	19 22 40.2 +0.4
HOR	Horta	147.11 01	eP	PKPbc	19 22 38.7 +1.0
PID	Ribeira Vinha	147.20 01	eP	PKPbc	19 22 41.4 -0.4
BOAV	Boa Vista	147.49 94	PKP	PKPdf	19 22 39.3 -2.3
BOAV	Boa Vista	147.49 94	eP	PKPbc	19 22 38.2 -0.8
BOAV	Boa Vista	147.49 94	eP	PKPbc	19 22 40.4 -1.2
BART	Pico Bartolome	147.76 356	eP	PKPbc	19 22 40.6 -1.1
CMLA	Lagoa das Cont	147.76 356	eP	PKPbc	19 22 42.3 +0.6
CLDB	Colider	147.97 121	eP	PKPbc	19 22 41.5 -0.2
TIO	Tiouine	148.02 325	PKP	PKPbc	19 22 41.2 -1.5
BBGH	Garra Hill	148.04 74	eP	PKPbc	19 22 29.3 -1.1
ARAC	Araguiana, MT	148.44 132	eP	PKPbc	19 22 40.5 0.0
PSMN	Pico do Norte	148.52 355	eP	PKPbc	19 22 40.8 +0.7
CANS	Canas de Sa	148.69 145	eP	PKPbc	19 22 40.8 +0.5
BSCB	Bom Successo	148.99 149	eP	PKPbc	19 22 39.4 -2.0
SHEL	Horse Pasture	149.29 226	IAMS_20	IAMS_20	20 26 59.6
IPMB	Ipanema, GO	149.36 140	eP	PKPbc	19 22 41.9 -0.2
TORD	Torodi Ar. Bea	149.68 287	PKPbc	PKPdf	19 22 44.8 +2.3
TORD	comp=Z:1.20nm,0.7s,baz=82,slow=1.8,SNR=8.9		PKPbc		19 22 41.9 -0.2
CAMO1	Campos-RJ	149.76 154	eP	PKPbc	19 22 40.2 -2.3
PMNB	Patos De Minas	150.03 143	eP	PKPbc	19 22 41.1 -2.1
NPGB	Novo Progresso	150.06 114	eP	PKPbc	19 22 42.6 -0.6
PMPS	Porto Santo	150.47 340	PKPbc	PKPbc	19 22 43.9 +0.4
PMPS	Porto Santo	150.47 340	PKPbc	PKPbc	19 22 48.1 -0.5
ITTB	Itaituba	150.69 109	eP	PKPbc	19 22 43.8 -0.4
GMA	Gondra	150.			

YBH	comp-Z,20nm,0.8s	90.30	48	P	P	19 17 42.9	+1.2
YB4A	comp-Z,29nm,1.0s	90.55	42	Iamb	Iamb	19 17 44.6	
M03C	comp-Z,29nm,1.0s	90.68	49	P	P	19 17 43.6	0.0
STD	comp-Z,37nm,1.1s	91.30	44	Iamb	Iamb	19 17 47.8	
AFDM	comp-Z,22nm,1.3s	91.30	51	P	P	19 17 46.8	+0.4
I05D	comp-Z,20nm,1.3s	91.60	46	Iamb	Iamb	19 17 49.4	
SYO	comp-Z,38nm,1.1s	92.62	200	eP	PKPKP	19 22 40.0	0.0
HAWA	comp-Z,12nm,0.8s	93.06	44	P	P	19 17 54.4	0.0
HAWA	comp-Z,22nm,1.1s			Iamb	Iamb	19 17 56.1	
NVAR	comp-Z,12nm,0.8s	93.33	52	P	P	19 17 56.5	+0.5
E08A	comp-Z,41nm,1.4s	93.40	44	Iamb	Iamb	19 17 57.7	
YPT	comp-Z,39nm,1.2s	93.43	44	Iamb	Iamb	19 17 57.8	
MPMC	comp-Z,27nm,1.5s	93.80	54	Iamb	Iamb	19 18 01.4	
TPH	comp-Z,18nm,1.3s	94.15	52	Iamb	Iamb	19 18 02.5	
NEW	comp-Z,12nm,1.0s	94.82	42	P	P	19 18 02.6	+0.2
NEW	comp-Z,12nm,1.0s	94.82	42	Iamb	Iamb	19 18 03.8	
MFID	comp-Z,25nm,1.1s	95.50	47	Iamb	Iamb	19 18 08.4	
YKA	comp-Z,24nm,1.4s	96.56	28	P	P	19 18 10.2	+0.3
HVU	comp-Z,11nm,1.0s	97.71	49	Iamb	Iamb	19 18 17.5	
YHL	comp-Z,19nm,1.4s	98.86	46	Iamb	Iamb	19 18 25.7	
PDAR	comp-Z,4.1nm,0.9s	100.09	48	P	Pdfid	19 18 26.5	-0.1
PDAR	comp-Z,4.1nm,0.9s	100.09	48	Pdfid	P	19 18 25.9	-0.7
FINES	comp-Z,1.4nm,0.6s	111.33	335	PKPKP	PKPKP	19 23 13.9	-0.2
AKASG	comp-Z,1.0nm,0.5s	114.53	324	PKP	PKPKP	19 23 20.0	-0.5
BRTR	comp-Z,3.0nm,0.9s	115.07	311	PKP	PKPKP	19 23 22.1	-0.1
PLCA	comp-Z,3.0nm,0.9s	119.75	144	PKP	PKPpdf	19 23 31.7	+0.6
RDO	comp-Z,2.5nm,0.7s	122.25	140	PKP	PKPpdf	19 23 31.5	-0.8
SADO	comp-Z,12nm,1.0s	124.45	45	PKP	PKPpdf	19 23 32.8	-0.3
N53A	comp-Z,12nm,1.0s	121.41	45	PKP	PKPpdf	19 23 33.6	-0.5
BRG	comp-Z,12nm,1.0s	122.84	316	PKP	PKPpdf	19 23 36.0	-0.5
BRG	comp-Z,12nm,1.0s	124.28	330	PKP	PKPpdf	19 23 38.2	-0.3
BRG	comp-Z,10nm,1.0s	122.84	330	PKP	PKPpdf	19 23 42.7	+0.6
IDI	comp-Z,4.7nm,0.8s	122.99	309	PKP	PKPpdf	19 23 37.0	-0.4
L56A	comp-Z,22nm,1.0s	123.13	42	PKP	PKPpdf	19 23 36.4	-1.0
GERES	comp-Z,2.8nm,0.5s	124.18	328	PKP	PKPpdf	19 23 38.9	-0.4
N58A	comp-Z,2.8nm,0.5s	124.26	343	PKP	PKPpdf	19 23 38.8	-0.7
FLET	comp-Z,2.8nm,0.5s	124.85	38	PKP	PKPpdf	19 23 40.0	-0.6
LBNH	comp-Z,2.8nm,0.5s	125.73	38	PKP	PKPpdf	19 23 41.9	-0.4
EKA	comp-Z,2.8nm,0.5s	126.47	343	PKP	PKPpdf	19 23 43.9	+0.6
MEM	comp-Z,2.8nm,0.5s	126.78	333	dPKP	PKPpdf	19 23 44.7	+0.7
WLF	comp-Z,2.8nm,0.5s	127.39	333	dPKP	PKPpdf	19 23 43.7	-1.6
TIP	comp-Z,2.8nm,0.5s	127.46	316	PKP	PKPpdf	19 23 45.0	-0.8
DAVOX	comp-Z,2.8nm,0.5s	127.48	328	PKP	PKPpdf	19 23 45.9	+0.1
BMRD	comp-Z,2.8nm,0.5s	127.55	334	PKP	PKPpdf	19 23 45.6	+0.1
INTR	comp-Z,2.8nm,0.5s	127.93	321	PKP	PKPpdf	19 23 46.2	-0.4
TUE	comp-Z,2.8nm,0.5s	127.96	328	PKP	PKPpdf	19 23 46.2	-0.6
CESX	comp-Z,2.8nm,0.5s	128.43	322	PKP	PKPpdf	19 23 46.3	-1.2
KEST	comp-Z,14nm,1.0s	134.27	116	PKP	PKPpdf	19 23 58.9	0.0
KEST	comp-Z,14nm,1.0s	134.28	316	PKP	PKPpdf	19 23 57.4	-1.5
LPAZ	comp-Z,14nm,1.0s	134.91	119	PKP	PKPpdf	19 24 01.9	+0.7
CPUP	comp-Z,5.7nm,0.8s	137.53	140	PKP	PKPpdf	19 24 05.3	+0.2
SDV	comp-Z,4.2nm,0.9s	137.53	140	PKP	PKPpdf	19 24 05.3	+0.2
EDSC	comp-Z,4.2nm,0.9s	139.62	331	PKP	PKPpdf	19 24 04.6	-1.5
HUMP	comp-Z,1.1nm,0.1s	146.26	58	PKP	PKPpdf	19 24 06.6	-1.3
TORD	comp-Z,9.7nm,0.9s	149.84	287	PKP	PKPpdf	19 24 30.7	-0.3
BDFB	comp-Z,2.8nm,0.8s	151.20	137	PKP	PKPpdf	19 24 35.2	+0.3
DBIC	comp-Z,2.1nm,0.9s	156.77	274	PKP	PKPpdf	19 25 06.6	+0.2
DBIC	comp-Z,2.1nm,0.9s	156.77	274	PKP	PKPpdf	19 25 35.1	-1.7
DBIC	comp-Z,2.1nm,0.9s	156.77	274	PKP	PKPpdf	19 25 05.7	-0.8

MBWA	comp-Z,16nm,0.9s			Iamb	Iamb	19 14 41.7	
MYLDM	comp-Z,24nm,1.3s	35.18	287	P	P	19 14 11.9	-1.2
JAGI	comp-Z,24nm,1.3s	37.73	263	P	P	19 14 33.2	-1.8
GIRL	comp-Z,52nm,1.2s	40.26	241	P	P	19 14 56.2	+0.2
FOLZ	comp-Z,42nm,1.0s	40.67	154	P	P	19 15 01.9	+0.7
MORW	comp-Z,42nm,1.0s	41.30	231	P	P	19 15 05.9	+1.3
MORW	comp-Z,31nm,1.4s			Iamb	Iamb	19 15 47.9	
YULB	comp-Z,37nm,1.4s	41.61	315	P	P	19 15 06.1	-1.0
NACB	comp-Z,37nm,1.4s	41.91	316	P	P	19 15 08.5	-1.0
NACB	comp-Z,25nm,1.0s			Iamb	Iamb	19 15 10.5	
TPUB	comp-Z,42nm,1.0s	42.02	314	P	P	19 15 09.8	-0.8
SSLB	comp-Z,42nm,1.0s	42.10	315	P	P	19 15 10.8	-0.4
SSLB	comp-Z,29nm,1.3s	43.22	342	P	P	19 15 19.3	-0.8
JGF	comp-Z,35nm,1.7s			Iamb	Iamb	19 15 26.4	
MAJO	comp-Z,35nm,1.7s	43.85	344	P	P	19 15 23.6	-1.6
JTM	comp-Z,48nm,1.7s	47.22	349	P	P	19 15 51.0	-0.6
JKA	comp-Z,48nm,1.7s	50.19	351	P	P	19 16 13.9	-0.5
JKA	comp-Z,34nm,1.5s	57.55	296	P	P	19 16 28.6	
CMAR	comp-Z,2.4nm,0.8s	58.63	5	P	P	19 17 08.3	-0.5
PET	comp-Z,2.4nm,0.8s	58.63	5	P	P	19 17 15.0	-0.6
PET	comp-Z,13nm,0.9s	58.65	4	Iamb	Iamb	19 17 51.1	
PEA0B	comp-Z,2.4nm,0.8s	58.65	4	P	P	19 17 15.2	-0.5
PETK	comp-Z,2.4nm,0.8s	58.65	4	P	P	19 17 15.3	-0.4
KIWB	comp-Z,2.4nm,0.8s	62.95	21	P	P	19 17 44.0	-1.0
ADK	comp-Z,2.4nm,0.8s	63.14	21	P	P	19 17 46.0	-0.3
ULN	comp-Z,2.4nm,0.8s	66.26	329	P	P	19 18 06.7	-0.3
ULN	comp-Z,6.0nm,0.9s	66.59	328	P	P	19 18 08.8	-0.2
SONM	comp-Z,4.2nm,0.6s	66.59	328	P	P	19 18 08.8	-0.2
SONM	comp-Z,4.2nm,0.6s	66.59	328	P	P	19 18 08.8	-0.4
SONM	comp-Z,4.2nm,0.6s	66.59	328	P	P	19 18 10.1	-0.4
O14K	comp-Z,25nm,1.2s	74.44	23	P	P	19 18 56.7	+0.2
O14K	comp-Z,25nm,1.2s	74.44	23	P	P	19 19 10.1	
O15K	comp-Z,19nm,1.2s	74.95	23	P	P	19 18 59.7	+0.3
O15K	comp-Z,19nm,1.2s	74.95	23	P	P	19 19 12.2	
L14K	comp-Z,19nm,1.2s	75.32	21	P	P	19 19 02.6	+1.1
HYB	comp-Z,19nm,1.2s	76.06	289	eP	P	19 19 06.3	-0.5
HYB	comp-Z,19nm,1.2s	76.06	289	eP	P	19 19 12.2	+0.3
HYB	comp-Z,19nm,1.2s	76.06	289	eP	P	19 21 56.5	-1.4
HYB	comp-Z,19nm,1.2s	76.06	289	eP	P	19 28 50.5	+2.2
HYB	comp-Z,19nm,1.2s	76.06	289	eP	P	19 29 21.1	+1.6
HYB	comp-Z,19nm,1.2s	76.06	289	eP	P	19 31 5.9	+2.1
K15K	comp-Z,19nm,1.2s	76.37	20	P	P	19 19 07.8	+0.2
K15K	comp-Z,19nm,1.2s	76.37	20	P	P	19 19 10.2	
OHAK	comp-Z,15nm,1.1s	76.56	27	P	P	19 19 08.9	+0.2
O19K	comp-Z,15nm,1.1s	77.35	26	P	P	19 19 12.9	-0.3
F15K	comp-Z,15nm,1.1s	77.76	17	P	P	19 19 15.2	-0.1
L18K	comp-Z,15nm,1.1s	78.06	22	P	P	19 19 17.9	+0.9
L18K	comp-Z,15nm,1.1s	78.06	22	P	P	19 19 19.6	
G16K	comp-Z,9.7nm,1.1s	78.22	18	Iamb	Iamb	19 19 17.5	-0.3
G16K	comp-Z,9.7nm,1.1s	78.22	18	Iamb	Iamb	19 19 22.1	
H17K	comp-Z,9.7nm,1.1s	78.67	19	P	P	19 19 21.2	+0.9
PNM	comp-Z,9.7nm,1.1s	78.72	26	P	P	19 19 21.5	+0.7
C16K	comp-Z,9.7nm,1.1s	79.43	15	P	P	19 19 24.9	+0.5
SLKM	comp-Z,9.7nm,1.1s	79.67	25	P	P	19 19 25.9	0.0
G18K	comp-Z,9.7nm,1.1s	79.70	18	P	P	19 19 26.1	+0.2
MKAR	comp-Z,9.7nm,1.1s	80.42	319	P	P	19 19 29.0	-1.4
F19K	comp-Z,9.7nm,1.1s	80.57	18	P	P	19 19 30.8	+0.2
E19K	comp-Z,9.7nm,1.1s	81.13	18	P	P	19 19 34.0	+0.4
ZAA	comp-Z,9.7nm,1.1s	81.39	327	P	P	19 19 33.5	-1.7
ZALV	comp-Z,9.7nm,1.1s	81.39	327	P	P	19 19 33.4	-1.8
C19K	comp-Z,2.6nm,0.5s	81.52	16	P	P	19 19 34.6	+0.6
C19K	comp-Z,2.6nm,0.5s	81.52	16	P	P	19 19 38.1	+0.6
MLY	comp-Z,27nm,1.9s	81.86	21	P	P	19 19 37.9	+0.3
MLY	comp-Z,27nm,1.9s	81.86	21	P	P	19 19 39.3	
G23K	comp-Z,5.9nm,0.8s	83.00	20	P	P	19 19 44.3	+0.8
ILAR	comp-Z,5.9nm,0.8s	83.12	24	P	P	19 19 43.8	-0.4
BOOM	comp-Z,2.2nm,0.6s	83.20	20	P	P	19 19 44.3	+0.8
J25K	comp-Z,2.2nm,0.6s	83.24	22	P	P	19 19 43.8	-0.4
J25K	comp-Z,2.2nm,0.6s	83.24	22	P	P	19 19 46.9	-0.3
J25K	comp-Z,2.2nm,0.6s	83.64	313	P	P	19 19 47.1	+0.3
KURK	comp-Z,5.2nm,0.6s	83.92	322	P	P	19 19 48.1	
KURK	comp-Z,5.2nm,0.6s	83.92	322	P	P	19 19 47.3	-1.2
KURK	comp-Z,5.2nm,0.6s	83.92	322	P	P	19 19 48.7	
KURB	comp-Z,18nm,1.4s	83.95	322	P	P	19 19 47.2	-1.5
M27K	comp-Z,1.1nm,0.5s	84.08	25	P	P	19 19 50.5	+1.2
M27K	comp-Z,1.1nm,0.5s	84.08	25	P	P	19 20 04.6	
QSPA	comp-Z,6.0nm,0.9s	84.40	180				

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like GUMO Guam, KADU Kaka, SAUI Saui, DPSS Saipan, NOUC Noumea, DZM DZM, MTN MTN, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like DAV Davao City (W), GSPH General Santos, LUWI Luwuk, MMRI Maumere, CNB Canberra, CAN Canberra, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MXZ Matakaoa Point, MXZ MXZ, HJZ Hachijo jima 2, RTZ Rutana, TKNZ Takaka Hill, etc.

25d 19h

Table with columns for station code, name, frequency, and various signal quality metrics (L, P, S, eP, eS, sP, sS, pmax, etc.). Includes stations like QZH2, MIDW, JTM, etc.

2020 AUG

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like WHN, XMAS, PSTR, etc.

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Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like KIP, BJJ2, BJT, etc.

Table with columns: IATA, City, Altitude, Wind, Temp, Humidity, Visibility, etc. Includes entries for PET, PEAOB, PETK, etc.

Table with columns: IATA, City, Altitude, Wind, Temp, Humidity, Visibility, etc. Includes entries for BRDH, TEZP, GTA2, etc.

Table with columns: IATA, City, Altitude, Wind, Temp, Humidity, Visibility, etc. Includes entries for PALK, VVND, MALK, etc.

N19K	IAMS_20	IAMS_20	19 51 41.2			
ILSW	comp=Z,12um,20.0s					
illamsa Southw	78.11 25	Iamb	Iamb	19 20 54.3		
comp=Z,7.9nm,1.2s						
G16K	Koyuk River	78.15 18	IAMS_20	IAMS_20	19 50 31.1	
comp=Z,14um,21.0s						
GUNA	GUNA	78.36 296	eP	P	19 20 50.9	-1.2
GUNA			Iamb	Iamb	19 21 00.9	
TIXI	Tiksi	78.42 353	P	P	19 20 51.6	+0.2
TIXI	comp=Z,22nm,1.0s					
TIXI			MLR	MLR		
TIXI	Tiksi	78.42 353	P	P	19 20 51.6	+0.2
H17K	Granite Mounta	78.61 19	Iamb	Iamb	19 21 15.9	
comp=Z,137nm,1.6s						
H17K			IAMS_20	IAMS_20	19 51 58.3	
CNPM	China Pool	78.68 26	IAMS_20	IAMS_20	19 49 25.4	
comp=Z,12um,22.0s						
L19K	White Mountain	78.68 23	Iamb	Iamb	19 21 04.3	
comp=Z,57nm,0.8s						
L19K			IAMS_20	IAMS_20	19 52 46.3	
M19K	Big River Lodg	78.70 23	IAMS_20	IAMS_20	19 52 14.8	
comp=Z,10um,20.0s						
J18K	Imoko River	78.76 21	IAMS_20	IAMS_20	19 53 16.4	
comp=Z,10um,20.0s						
ZSN	Zaisan	78.80 320c	iP	P	19 20 53.5	-0.5
ZSN			eS	eS	19 30 50.2	+0.4
ZSN			pmax	pmax		
ZSN	Zaisan	78.80 320	iP	P	19 20 53.6	-0.5
ZSN	comp=Z,41nm,1.4s					
ZSN	Bradley Lake	78.96 26	eS	S	19 30 50.3	+0.4
BRLLK	comp=Z,12um,22.0s					
KLP	Kalpa	79.05 303	eP	P	19 20 53.8	-2.3
KLP			Iamb	Iamb	19 21 09.4	
M20K	Styx River	79.18 23	IAMS_20	IAMS_20	19 53 39.5	
comp=Z,12um,20.0s						
F17K	Baldwin Pennin	79.20 17	Iamb	Iamb	19 21 24.8	
comp=Z,59nm,0.9s						
F17K			IAMS_20	IAMS_20	19 51 13.8	
H18K	Honhosa River	79.25 19	IAMS_20	IAMS_20	19 52 08.3	
comp=Z,10um,21.0s						
NDI	New Delhi	79.29 300	eP	P	19 20 55.7	-1.4
NPLP	NPLP New Delhi	79.32 300	eP	P	19 20 55.7	-1.6
NPLP			Iamb	Iamb	19 21 06.4	
N19K			IAMS_20	IAMS_20	19 53 47.1	
J9A2	Poorman	79.47 21	IAMS_20	IAMS_20	19 53 47.1	
comp=Z,9um,20.0s						
STLLK	Strandline Lak	79.48 24	P	P	19 20 56.8	-0.7
SLKM	Skilak Lake	79.63 25	IAMS_20	IAMS_20	19 59 09.4	
G18K	Tagagawik	79.64 18	IAMS_20	IAMS_20	19 51 48.3	
comp=Z,10um,19.0s						
K20K	Tagagawik	79.66 22	IAMS_20	IAMS_20	19 52 49.1	
comp=Z,10um,21.0s						
K20K	Telida	79.75 26	Iamb	Iamb	19 21 02.4	
comp=Z,9um,20.0s						
SEW	Seward	79.75 26	Iamb	Iamb	19 21 02.4	
KUDL	Kundul	79.81 300	eP	P	19 20 58.6	-1.2
RD0G	Red Dog Mine	79.84 16	Iamb	Iamb	19 21 48.8	
comp=Z,45nm,0.9s						
SMLA	Simla	79.86 303	eP	P	19 20 59.7	-0.4
SMLA			Iamb	Iamb	19 21 11.6	
SMT	Skwentna	79.86 24	IAMS_20	IAMS_20	19 54 18.7	
KAD	Karad	79.97 289	eP	P	19 21 00.6	-0.4
KAD			Iamb	Iamb	19 21 10.8	
E18K	Tukpahleark C	80.05 17	IAMS_20	IAMS_20	19 54 24.2	
J20K	Nowinta River	80.10 21	Iamb	Iamb	19 21 24.1	
J20K	comp=Z,139nm,1.5s					
J20K			IAMS_20	IAMS_20	19 54 06.8	
PPLA	Purkeypile	80.11 23	IAMS_20	IAMS_20	19 55 38.0	
comp=Z,12um,20.0s						
RC01	Rabbit Creek A	80.13 25	IAMS_20	IAMS_20	19 52 22.7	
comp=Z,10um,22.0s						
MK31	Makanchi Array	80.23 319	P	P	19 21 01.2	-0.7
MK31			pmax	pmax		
MK31	Makanchi Array	80.23 319	P	P	19 21 01.2	-0.7
MK31	comp=Z,41nm,1.2s					
MKAR	Makanchi Array	80.23 319	P	P	19 21 02.0	+0.2
MKAR	comp=Z,43nm,1.0s,baz=104,slo=6.5,SNR=28					
MKAR			PKKPbc	PKKPbc	19 39 44.1	-2.9
MKAR	comp=Z,1.4nm,1.0s,baz=270,slo=2.4,SNR=4.3					
MKAR			LR	LR	19 56 46.8	
MKAR	comp=Z,10um,19.7s,baz=85,slo=36					
MKAR			P	P	19 21 01.6	-0.3
G19K	Purcell Mounta	80.29 19	Iamb	Iamb	19 21 25.0	
comp=Z,60nm,1.1s						
G19K			IAMS_20	IAMS_20	19 52 28.7	
M22K	Willow	80.31 24	Iamb	Iamb	19 21 36.1	
comp=Z,122nm,1.1s						
I20K	Naaghdeneel	80.35 20	Iamb	Iamb	19 21 38.1	
comp=Z,87nm,1.1s						
CAST	Castle Rocks	80.43 22	Iamb	Iamb	19 21 30.4	
comp=Z,44nm,0.8s						
CAST			IAMS_20	IAMS_20	19 56 15.6	
MAKZ	Makanchi	80.44 319	P	P	19 21 02.5	-0.5
MAKZ			pmax	pmax		
MAKZ			MLR	MLR		
MAKZ	comp=Z,11um,20.0s					
MAKZ			P	P	19 21 02.5	-0.5
MAKZ	IAMS_20					
MAKZ	Makanchi	80.44 319	P	P	19 21 02.8	-0.2
MAKZ	comp=Z,45nm,0.9s					
L22K	Petersville	80.46 23	IAMS_20	IAMS_20	19 53 41.3	
comp=Z,9um,20.0s						
F19K	Shalerucik Mo	80.51 18	IAMS_20	IAMS_20	19 52 05.4	
comp=Z,13um,21.0s						
CUT	Port Wellis	80.59 24	Iamb	Iamb	19 22 38.5	
comp=Z,52nm,0.9s						
PWL	Chullitna	80.61 25	IAMS_20	IAMS_20	19 52 04.4	
comp=Z,11um,21.0s						
WUS	Wushi	80.70 313	P	P	19 21 05.6	+0.9
MID	Middleten Isla	80.80 27	IAMS_20	IAMS_20	19 58 23.7	
comp=Z,43nm,1.0s						
KNK	Knik Glacier	80.83 25	Iamb	Iamb	19 21 39.5	
comp=Z,7um,19.0s						
KNK	Knik Glacier	80.83 25	Iamb	Iamb	19 21 39.5	
comp=Z,100nm,1.4s						
KTH	Kantishna Hill	80.95 22	IAMS_20	IAMS_20	19 56 32.1	
comp=Z,13um,20.0s						
SHLS	Shalkode	81.06 315c	iP	P	19 21 04.2	-2.3
SHLS			eS	eS	19 31 10.7	-3.4
SHLS			pmax	pmax		
SHLS	comp=Z,29nm,1.1s					
SHLS	Shalkode	81.06 315	iP	P	19 21 04.2	-2.3
SHLS	comp=Z,29nm,1.1s					
E19K	Redstone River	81.07 18	Iamb	Iamb	19 21 29.2	
comp=Z,77nm,0.9s						
PDGK	Podgornoye	81.09 315	P	P	19 21 05.9	-0.8
AJM	Ajmer	81.10 298	eP	P	19 21 07.2	+0.2
TRF	Thorfare Moun	81.13 23	IAMS_20	IAMS_20	19 56 29.1	
GLI	Glacier Island	81.15 26	Iamb	Iamb	19 21 11.4	
comp=Z,62nm,0.9s						
HIN	Hinchinbrook I	81.18 26	Iamb	Iamb	19 21 22.6	
comp=Z,86nm,1.0s						
HIN			IAMS_20	IAMS_20	20 00 53.8	
ZAAO	Zalesovo Array	81.20 327	P	P	19 21 05.3	-1.5
ZAAO	comp=Z,22nm,0.5s,baz=119,slo=6.0,SNR=24					
ZAAO			PKKPbc	PKKPbc	19 39 41.2	-3.9
ZALV			LR	LR	19 56 43.5	
ZALV	comp=Z,0.7nm,0.6s,baz=304,slo=1.0,SNR=4.3					
ZALV			LR	LR	19 56 43.5	
F20K	Avaraart Lake	81.28 18	IAMS_20	IAMS_20	19 52 29.7	
comp=Z,12um,21.0s						
IMAR	Indian Mountai	81.29 20	P	P	19 21 07.9	+0.9

FID	Port Fidalgo	81.35 26	IAMS_20	IAMS_20	19 50 02.5	
comp=Z,10um,22.0s						
UZZB	Uzzybulak	81.37 315c	iP	P	19 21 07.4	-0.8
UZZB			pmax	pmax		
UZZB	comp=Z,18nm,0.9s					
UZZB	Uzzybulak	81.37 315	iP	P	19 21 07.4	-0.8
UZZB	comp=Z,18nm,0.9s					
C19K	Lookout Ridge	81.45 16	Iamb	Iamb	19 21 38.9	
comp=Z,49nm,0.9s						
SCM	Sheep Creek Mo	81.50 25	Iamb	Iamb	19 21 13.4	
comp=Z,28nm,1.1s						
EYAK	Cordova Ski Ar	81.58 26	IAMS_20	IAMS_20	20 01 07.4	
comp=Z,11um,19.0s						
RND	Reindeer	81.66 23	Iamb	Iamb	19 21 36.6	
comp=Z,62nm,1.1s						
RND			IAMS_20	IAMS_20	19 55 08.1	
G21K	Allakaket	81.67 19	IAMS_20	IAMS_20	19 55 26.2	
comp=Z,12um,20.0s						
G21K	Manley	81.69 315	eP	P	19 21 09.0	-0.8
KPKS	Kokpek	81.69 315	eS	S	19 31 20.2	-0.4
KPKS			eS	eS	19 31 20.1	-0.8
KPKS	Kokpek	81.69 315	eS	S	19 31 20.2	-0.4
KPKS			eS	eS	19 31 20.2	-0.4
KPKS	SATY	81.78 315c	iP	P	19 21 09.5	-0.8
KPKS			pmax	pmax		
KPKS	SATY	81.78 315	iP	P	19 21 09.5	-0.8
KPKS	comp=Z,50nm,1.7s					
SATY	Saty	81.78 315	iP	P	19 21 09.5	-0.8
SATY	comp=Z,50nm,1.7s					
MCK	Mickiny	81.80 23	Iamb	Iamb	19 21 37.3	
comp=Z,88nm,1.1s						
MCK			IAMS_20	IAMS_20	19 56 48.7	
MLY	comp=Z,13um,20.0s					
MLY	Manley	81.80 21	Iamb	Iamb	19 21 14.8	
comp=Z,33nm,0.5s						
BWN	Browne	81.82 22	IAMS_20	IAMS_20	19 54 15.9	
comp=Z,9um,20.0s						
TARG	Taragay, Kyrgy	81.86 313	P	P	19 21 11.8	+0.7
TARG	comp=Z,42nm,1.1s					
TARG			P	P	19 21 11.8	+0.7
KLU	Klutina	81.94 25	Iamb	Iamb	19 21 33.5	
comp=Z,69nm,1.0s						
RAGM	Ragged Mountain	81.98 27	Iamb	Iamb	19 21 22.6	
comp=Z,127nm,1.4s						
RAGM			IAMS_20	IAMS_20	20 01 14.1	
D20K	Etiyuk River	82.03 17	Iamb	Iamb	19 22 25.3	
comp=Z,97nm,1.6s						
F21K	Alatna River	82.09 19	IAMS_20	IAMS_20	19 54 40.2	
comp=Z,10um,21.0s						
JMU	Jammu	82.14 304	eP	P	19 21 12.7	+0.4
JMU			Iamb	Iamb	19 21 23.0	
NEA2	Nenana	82.18 22	P	P	19 21 11.1	-0.8
comp=Z,121nm,1.6s						
NEA2			IAMS_20	IAMS_20	19 53 22.9	
BMRM	Bremner Hill	82.27 26	Iamb	Iamb	19 21 45.3	
comp=Z,72nm,1.1s						
BMRM			IAMS_20	IAMS_20	19 54 36.4	
TDK	Taldyqorghan	82.30 317	eP	P	19 21 12.2	-0.6
TDK			pmax	pmax		
TDK	comp=Z,35nm,1.0s					
TDK			MLR	MLR		
TDK	Taldyqorghan	82.30 317	eP	P	19 21 12.2	-0.6
TDK	comp=Z,35nm,1.0s					
TDK			LR	LR	19 58 48.2	
KDJ	Kajisay	82.42 314	P	P	19 21 14.5	+0.7
KDJ	Kajisay	82.42 314	P	P	19 21 14.5	+0.7
BERG	Berg Lake	82.42 27	Iamb	Iamb	19 21 24.5	
comp=Z,127nm,1.0s						
BERG			IAMS_20	IAMS_20	19 59 42.0	
WRH	Wood River Hill	82.49 22	IAMS_20			

C24K	Franklin Bluff	84.93	18	IAMB	IAMB	19 21 35.2
C24K	comp-Z,14um,21.0s			IAMS_20	IAMS_20	19 56 14.2
EKS2	Erkin-Say	84.99	314	P	P	19 21 27.7 +0.8
S31K	Pelican	85.10	31	P	P	19 21 27.6 +0.8
BMAR	Sitka	85.16	20	P	P	19 21 26.9 -0.1
SIT	comp-Z,94nm,1.2s	85.29	32	IAMB	IAMB	19 21 34.0
OHH	Osh	85.29	311	P	P	19 21 27.7 -0.6
OHH	comp-Z,112nm,1.0s	85.29	311	P	P	19 21 27.7 -0.6
BTL	Baital	85.31	316	eP	pmax	19 21 27.5 -0.7
BTL	comp-Z,20nm,0.9s					
BTL	Baital	85.31	316	eP	P	19 21 27.6 -0.7
comp-Z,20nm,0.9s						
HYT	Haines Junction	85.42	28	IAMB	IAMB	19 21 38.2
D25K	Kavir River	85.44	18	IAMB	IAMB	19 21 58.9
D25K	comp-Z,36nm,1.0s			IAMS_20	IAMS_20	19 57 48.9
I27K	Kandik River	85.45	22	IAMS_20	IAMS_20	19 58 06.3
M29M	Somme Creek	85.54	26	IAMB	IAMB	19 21 40.6
DAWY	Dawson	85.74	24	IAMB	IAMB	19 21 53.3
H27K	Steamboat Moun	85.74	22	IAMB	IAMB	19 21 59.1
H27K	comp-Z,45nm,1.1s			IAMS_20	IAMS_20	20 02 16.8
DIB	Dawson Inlet	85.79	36	P	P	19 21 31.1 +0.7
H02S1	DAWSON INLET T	85.79	36	P	P	19 21 32.0 +1.7
H02S2	DAWSON INLET T	85.79	36	P	P	19 21 32.2 +1.8
N30M	Aishlik Lake	85.82	27	IAMB	IAMB	19 21 35.6
DRK	Karamyk	85.84	310	P	pmax	19 21 30.6 -0.8
DRK	comp-Z,39nm,0.7s					
DRK	Karamyk	85.84	310	P	IAMB	19 21 30.6 -0.8
DRK	comp-Z,39nm,0.7s					
DRK	Karamyk	85.84	310	P	P	19 21 32.1 +0.7
L29M	L29M	85.92	25	IAMB	IAMB	19 21 36.5
L29M	comp-Z,27nm,0.7s			IAMS_20	IAMS_20	19 55 44.8
G27K	Doyon Strip	85.93	21	IAMB	IAMB	19 21 36.0
G27K	comp-Z,69nm,1.7s			IAMS_20	IAMS_20	19 53 07.6
BESE	Bessie Mountai	85.98	30	IAMS_20	IAMS_20	19 53 07.6
BESE	comp-Z,16um,21.0s					
CRAG	Craig	86.01	33	P	P	19 21 31.6 +0.2
I28M	Miner Creek	86.04	23	IAMB	IAMB	19 22 04.8
I28M	comp-Z,114nm,1.8s			IAMS_20	IAMS_20	19 56 03.8
O30N	Mendenhall	86.05	28	IAMB	IAMB	19 21 35.5
ARK	Arkit	86.14	312	P	P	19 21 33.6 +1.0
ARK	Arkit	86.14	312	P	P	19 21 33.6 +1.0
U33K	Whale Pass	86.19	33	IAMS_20	IAMS_20	19 55 07.3
NRIK	Noril'sk	86.29	341	P	P	19 21 31.1 -1.4
NRIK	comp-Z,16nm,0.6s,baz=97,slo=7.0,SNR=14					
NRIK	Noril'sk	86.29	341	eP	pmax	19 21 31.0 -1.5
NRIK	comp-Z,13nm,0.9s					
NRIK	Noril'sk	86.29	341	eP	MLR	19 21 49.9
NRIK	comp-Z,55nm,1.2s					
HG4B	Hotspring	86.32	37	P	P	19 21 32.9 -0.2
J29N	Klondike Camp	86.36	24	IAMS_20	IAMS_20	19 55 16.2
C27K	Jago River	86.42	18	IAMB	IAMB	19 21 39.2
C27K	comp-Z,40nm,0.9s			IAMS_20	IAMS_20	19 55 55.6
K29M	Barlow Dome	86.43	25	IAMB	IAMB	19 21 41.7
E27K	Coleen River	86.51	20	IAMB	IAMB	19 21 41.6
E27K	comp-Z,38nm,0.8s			IAMS_20	IAMS_20	19 58 54.0
I29M	Oglivie Camp	86.64	23	IAMB	IAMB	19 22 03.5
I29M	comp-Z,44nm,1.0s			IAMS_20	IAMS_20	19 57 33.7
WRAK	Wrangell Islan	86.68	33	IAMS_20	IAMS_20	19 55 33.4
BTk	Batken	86.69	311	P	P	19 21 35.5 +0.2
BTk	Batken	86.69	311	IAMB	IAMB	19 22 48.2
BTk	Batken	86.69	311	P	P	19 21 35.5 +0.2
DZA	Taraz	86.80	313	eP	pmax	19 21 35.0 -0.7
DZA	comp-Z,14nm,0.8s					
DZA	Taraz	86.80	313	eP	P	19 21 35.0 -0.7
comp-Z,14nm,0.8s						
V35K	Ketchikan	86.81	34	IAMS_20	IAMS_20	19 53 57.8
ROCAF	Rodriguez Isla	86.82	251	IAMS_20	IAMS_20	19 59 50.6
P32M	Atlin	86.83	29	IAMB	IAMB	19 21 39.4
P32M	comp-Z,50nm,1.1s			IAMS_20	IAMS_20	19 53 38.2
D27M	Whitestone	86.92	22	IAMS_20	IAMS_20	19 59 57.1
H29M	Malcolm River	87.14	19	IAMB	IAMB	19 22 09.6
D27M	comp-Z,70nm,1.2s			IAMS_20	IAMS_20	19 56 10.8
J30M	Hart River	87.17	24	IAMB	IAMB	19 21 42.2
KBL	Kabul	87.20	305	P	P	19 21 37.6 -0.5
KBL	comp-Z,12nm,0.7s					
KBL	Kabul	87.20	305	P	P	19 21 38.4 +0.3
M31M	Drury Creek, Y	87.27	27	IAMS_20	IAMS_20	20 07 06.7
G29M	Pine Creek	87.30	22	IAMB	IAMB	19 22 09.8
G29M	comp-Z,57nm,1.1s			IAMS_20	IAMS_20	20 00 12.9
I30M	Mount Dempster	87.36	24	IAMB	IAMB	19 21 42.6
I30M	comp-Z,39nm,0.9s			IAMS_20	IAMS_20	19 56 57.9
E28M	Babbage River	87.37	20	IAMS_20	IAMS_20	19 59 48.9
Q32M	Nakina River	87.38	30	IAMB	IAMB	19 21 42.5
Q32M	comp-Z,59nm,1.1s			IAMS_20	IAMS_20	19 54 01.7
KK31	Karatay Array	87.43	314	iP	P	19 21 38.4 -0.3
KK31	comp-Z,39nm,1.0s					
KKAR	Karatay Array	87.43	314	P	P	19 21 37.7 -1.0
PP3M	Tesslin Yukon	87.44	29	IAMS_20	IAMS_20	19 53 59.2
N32M	Quiet Lake	87.57	28	IAMS_20	IAMS_20	19 54 50.5
EPYK	Eagle Plains	87.60	22	IAMS_20	IAMS_20	19 56 41.0
HOLB	Holberg	87.83	39	P	P	19 21 40.1 -0.4
E29M	Blower River	87.86	20	IAMB	IAMB	19 22 13.3
E29M	comp-Z,74nm,1.6s			IAMS_20	IAMS_20	19 59 15.7
BRLS	Boroday	87.91	313	iP	P	19 21 40.8 -0.2
BRLS	comp-Z,42nm,1.1s					
BRLS	Boroday	87.91	313	iP	P	19 21 40.8 -0.2
CHM	Chimkent	87.96	313	eP	pmax	19 21 40.6 -0.7

CHM	Chimkent	87.96	313	eP	P	19 21 40.7 -0.7
CHM	comp-Z,21um,20.0s					
CHM	comp-Z,31nm,1.5s			LR	LR	20 02 18.7
G30M	taoh Zraii Nji	87.99	22	IAMB	IAMB	19 22 09.2
G30M	comp-Z,21um,19.8s			IAMS_20	IAMS_20	19 59 16.2
R33M	Jennings River	88.14	30	IAMB	IAMB	19 21 46.1
R33M	comp-Z,10um,20.0s			IAMS_20	IAMS_20	19 54 26.7
comp-Z,57nm,0.9s						
BBB	Bella Bella	88.14	37	P	P	19 21 42.3 +0.5
BBB	comp-Z,14um,21.0s					
BBB	comp-Z,35nm,0.9s,baz=270,slo=7.1,SNR=16			LR	LR	19 55 58.0
BBB	Bella Bella	88.14	37	IAMB	IAMB	19 21 45.7
BBB	comp-Z,67nm,1.1s					
BBB	Bella Bella	88.14	37	P	P	19 21 43.6 +1.7
BBB	comp-Z,71nm,1.4s					
H31M	Peel River	88.34	23	IAMB	IAMB	19 22 15.8
H31M	comp-Z,55nm,1.1s					
F30M	Barrier River	88.35	21	IAMB	IAMB	19 22 24.7
F30M	comp-Z,69nm,1.1s			IAMS_20	IAMS_20	20 01 15.8
DLBC	Dease Lake	88.39	31	P	P	19 21 44.3 +1.3
DLBC	comp-Z,42nm,1.0s,baz=234,slo=4.1,SNR=27			LR	LR	19 55 02.9
G31M	Satah River	88.70	22	IAMB	IAMB	19 22 26.1
G31M	comp-Z,57nm,1.2s			IAMS_20	IAMS_20	19 59 27.1
KMPM	Mount Pierce	88.91	49	P	P	19 21 46.6 +0.7
JCC	Jacoby Creek	89.04	49	IAMS_20	IAMS_20	19 53 09.6
F31M	Tsigheitchic	89.05	22	IAMS_20	IAMS_20	19 58 30.2
F31M	comp-Z,9um,19.0s					
KCPM	Cahto Peak	89.22	50	P	P	19 21 46.5 -0.9
KCPM	comp-Z,72nm,1.2s					
BVAR	Borovoye Array	89.23	323	P	IAMB	19 21 45.8 -1.2
BVAR	comp-Z,35nm,0.7s,baz=111,slo=6.9,SNR=27					
KHMM	Hot Mountain	89.27	49	IAMS_20	IAMS_20	19 52 03.7
KHMM	comp-Z,14um,22.0s					
BORK	Borovoye	89.27	323	iP	pmax	19 21 46.2 -1.0
BORK	comp-Z,13nm,0.9s					
BORK	comp-Z,7um,18.0s			MLR	MLR	
BORK	Borovoye	89.27	323	P	IAMB	19 21 45.5 -1.7
BORK	comp-Z,53nm,1.1s			IAMS_20	IAMS_20	19 58 58.8
INK	Inuvik	89.37	21	IAMB	IAMB	19 22 18.8
INK	comp-Z,91nm,1.8s					
INK	Inuvik	89.37	21	P	P	19 21 47.1 -0.2
FARB	Farallon Isla	89.42	52	IAMS_20	IAMS_20	19 54 39.8
FARB	comp-Z,15um,20.0s					
K02D	Wiliante Mer	89.56	47	IAMB	IAMB	19 21 53.4
K02D	comp-Z,61nm,1.0s					
MCCM	Marconi Coner	89.57	52	IAMS_20	IAMS_20	19 57 07.3
MCCM	comp-Z,21um,19.0s					
I02E	Swissnose, OR	89.62	46	IAMB	IAMB	19 21 53.1
I02E	comp-Z,59nm,0.9s					
GDXM	Geyzers	89.72	51	P	P	19 21 49.0 -0.7
GDXM	comp-Z,22um,19.0s					
CVM	Carment Viney	89.92	52	IAMS_20	IAMS_20	19 57 14.1
JRSC	Jasper Ridge	89.98	53	IAMS_20	IAMS_20	19 54 46.7
JRSC	comp-Z,17um,20.0s					
M02C	Callahan	89.99	49	P	P	19 21 50.9 -0.1
M02C	comp-Z,55nm,0.8s					
NLWA	Neilto Lookou	90.06	43	IAMB	IAMB	19 21 55.0
NLWA	comp-Z,66nm,1.1s			IAMS_20	IAMS_20	19 57 49.3
COR	Corvallis	90.08	45	IAMS_20	IAMS_20	19 55 30.9
COR	comp-Z,16um,20.0s					
COR	Corvallis	90.08	45	P	P	19 21 53.4 +2.3
CLRS	Cowichan Lake	90.09	41	IAMB	IAMB	19 21 57.3
CLRS	comp-Z,84nm,1.1s					
WISH	Wishkah	90.09	43	IAMB	IAMB	19 21 55.3
WISH	comp-Z,67nm,1.0s					
YBH	Yreka Blue Hor	90.14	48	LR	LR	19 54 44.1
YBH	comp-Z,10um,21.2s,baz=284,slo=31					
FORD	Fort Ord Natur	90.26	53	IAMS_20	IAMS_20	19 54 34.2
FORD	comp-Z,13um,21.0s					
B04A	Port Angeles	90.39	42	IAMB	IAMB	19 21 59.1
B04A	comp-Z,51nm,0.9s					
PGC	Sidney	90.51	41	IAMB	IAMB	19 21 56.5
PGC	comp-Z,52nm,0.9s					
SAO	San Andreas Ge	90.54	53	P	pmax	19 21 53.6 +0.1
SAO	comp-Z,67nm,1.8s					
SAO	San Andreas Ge	90.54	53	P	MLR	19 21 53.6 +0.1
SAO	comp-Z,16um,21.0s					
SAO	San Andreas Ge	90.54	53	P	IAMB	19 21 59.9
SUTB	Sutter Butte	90.55	51	IAMS_20	IAMS_20	19 53 50.6
SUTB	comp-Z,16um,22.0s					
I04A	Tendick Farm,	90.61	46	IAMB	IAMB	19 22 16.9
I04A	comp-Z,64nm,1.1s					
HULI	Fort Hunter Li	90.62	54	IAMS_20	IAMS_20	19 53 48.9
HULI	comp-Z,15um,22.0s					
O03E	Paynes Creek	90.66	50	IAMS_20	IAMS_20	19 55 47.5
O03E	comp-Z,13um,20.0s					
GNW	Green Mountain	90.79	42	IAMB	IAMB	19 21 58.0
GNW	comp-Z,51nm,1.0s					
ORV	Oroville	90.80	51	IAMB	IAMB	19 22 00.7
ORV	comp-Z,48nm,1.4s			IAMS_20	IAMS_20	19 54 11.4
H04A	Detroit Lake	90.88	45	IAMB	IAMB	19 22 01.0
H04A	comp-Z,54nm,1.2s					
HATC	Hat Creek Radi	90.97	49	IAMS_20	IAMS_20	19 54 31.8
HATC	comp-Z,49nm,1.0s					
AFDM	Forest Hills D	91.14	51	IAMB	IAMB	19 22 03.3
AFDM	comp-Z,33nm,1.0s					
PKD	Bear Valley Ra	91.18	54	IAMB	IAMB	19 22 01.6
PKD	comp-Z,46nm					

U49A	Red Boiling Sp	119.88	51	IAMS_20	IAMS_20	20 12 22.4
TJOU	Tjorn	119.17	337	IAMS_20	IAMS_20	19 27 41.6 +1.7
Y49A	Blount Mountai	119.16	54	IAMS_20	IAMS_20	20 13 06.5
VOIR		119.17	320	IAMS_20	IAMS_20	19 27 40.5 0.0
VOIR		119.17	320	IAMS_20	IAMS_20	19 27 42.8 +2.3
BRAL	Brewton	119.25	57	IAMS_20	IAMS_20	20 13 37.9
K50A	Casco	119.28	43	IAMS_20	IAMS_20	20 11 39.6
DEL	Delary	119.29	335	IAMS_20	IAMS_20	19 27 40.6 +0.3
KOLS	Kolonicki sedl	119.32	324	IAMS_20	IAMS_20	19 27 42.0 +1.4
KOLS	Kolonicki sedl	119.32	324	IAMS_20	IAMS_20	19 27 42.0 +1.4
SZH	Szahnitsa	119.42	317	IAMS_20	IAMS_20	19 27 40.1 -0.8
FABU	Falkenberg	119.42	336	IAMS_20	IAMS_20	19 27 40.4 0.0
ARR	Arges	119.47	320	IAMS_20	IAMS_20	19 27 41.5 +0.5
M50A	Fremont	119.48	45	IAMS_20	IAMS_20	20 13 43.1
ANGG	Ammassalik, Gr	119.56	5	IAMS_20	IAMS_20	20 18 30.6
R50A	Paris	119.58	49	IAMS_20	IAMS_20	20 13 41.9
HUMR	Humeir	119.59	319	IAMS_20	IAMS_20	19 27 41.0 -0.2
COPA	Copaceana	119.59	318	IAMS_20	IAMS_20	19 27 41.3 +0.1
LBTB	Lobates	119.69	237	IAMS_20	IAMS_20	19 27 41.8 -0.3
W50A	Signal Mountai	119.70	52	IAMS_20	IAMS_20	20 16 12.5
250A	Grady	119.72	56	IAMS_20	IAMS_20	20 19 07.4
GKP	Gorka Kiasztor	119.72	331	IAMS_20	IAMS_20	19 27 40.0 -1.1
KGP	Gorka Kiasztor	119.72	331	IAMS_20	IAMS_20	19 27 40.0 -1.1
PLCA	Paso Flores	119.79	144	IAMS_20	IAMS_20	19 27 41.0 -0.8
PLCA	Paso Flores	119.79	144	IAMS_20	IAMS_20	19 27 41.0 -0.8
TEIG	Teplich	119.81	70	IAMS_20	IAMS_20	20 09 53.6
MARR	Marisel-Cluj	119.86	322	IAMS_20	IAMS_20	19 27 42.7 +0.9
ACSO	Alum Creek Sta	119.93	46	IAMS_20	IAMS_20	20 16 55.1
LOT	Lotru	119.99	320	IAMS_20	IAMS_20	19 27 42.6 +0.5
DRGR		120.06	322	IAMS_20	IAMS_20	19 27 41.3 -0.7
DRGR		120.06	322	IAMS_20	IAMS_20	19 27 42.1 0.0
Q51A	Peebles	120.07	48	IAMS_20	IAMS_20	20 18 23.8
HOPE	Hope Point	120.07	174	IAMS_20	IAMS_20	20 19 19.3
HOPE	Hope Point	120.07	174	IAMS_20	IAMS_20	20 19 19.3
OJC	Ojcow	120.08	327	IAMS_20	IAMS_20	19 27 44.2 +2.2
OJC	Ojcow	120.08	327	IAMS_20	IAMS_20	19 27 44.2 +2.2
OJC	Ojcow	120.08	327	IAMS_20	IAMS_20	19 27 44.2 +2.2
N51A	Ashland	120.13	45	IAMS_20	IAMS_20	20 21 11.1
DIM	Dimitrovgrad	120.15	316	IAMS_20	IAMS_20	19 27 41.5 -0.8
HOMB	Homborsund	120.16	339	IAMS_20	IAMS_20	19 27 43.1 +1.3
NIE	Niedzica	120.21	326	IAMS_20	IAMS_20	19 27 44.2 +1.9
NIE	Niedzica	120.21	326	IAMS_20	IAMS_20	19 27 44.2 +1.9
NIE	Niedzica	120.21	326	IAMS_20	IAMS_20	19 27 44.2 +1.9
SUR	Sutherland	120.23	228	IAMS_20	IAMS_20	19 27 44.3 +1.2
SUR	Sutherland	120.23	228	IAMS_20	IAMS_20	20 14 44.2
5X1A	Calhoun	120.23	53	IAMS_20	IAMS_20	20 14 33.6
ALN	Alexandroupoli	120.24	315	IAMS_20	IAMS_20	19 27 40.6 -1.8
PLVB	Pleven	120.28	318	IAMS_20	IAMS_20	19 27 42.4 -0.1
VLDQ	Vai d'Or	120.30	36	IAMS_20	IAMS_20	19 27 41.6 -1.7
5S1A	Beattyville	120.33	49	IAMS_20	IAMS_20	20 13 22.8
DEV	Deva	120.34	321	IAMS_20	IAMS_20	19 27 43.0 +0.4
451A	Vernon	120.46	58	IAMS_20	IAMS_20	20 15 52.0
KDZ	Kurdzhali	120.47	316	IAMS_20	IAMS_20	19 27 41.1 -1.9
RDO	Rodhopi	120.51	315	IAMS_20	IAMS_20	19 27 41.1 -1.8
RDO	Rodhopi	120.51	315	IAMS_20	IAMS_20	19 27 42.3 -0.7
SNART	Snatremo	120.58	339	IAMS_20	IAMS_20	19 27 43.3 +0.6
LSZ	Lusaka	120.58	249	IAMS_20	IAMS_20	19 27 44.4 +0.4
LSZ	Lusaka	120.58	249	IAMS_20	IAMS_20	19 27 45.7 +1.6
LSZ	Lusaka	120.58	249	IAMS_20	IAMS_20	19 27 45.7 +1.6
LSZ	Lusaka	120.58	249	IAMS_20	IAMS_20	20 18 56.0
BODT	Bodrum	120.59	310	IAMS_20	IAMS_20	19 27 42.1 -1.2
BORG	Borghese	120.61	357	IAMS_20	IAMS_20	20 17 11.1
M52A	Chesterland	120.61	44	IAMS_20	IAMS_20	20 14 07.9
GZR	Gura Zlata	120.64	321	IAMS_20	IAMS_20	19 27 43.0 -0.3
PRK	Paraskevi	120.66	313	IAMS_20	IAMS_20	19 27 42.7 -0.7
TZTN	Tazewell	120.69	50	IAMS_20	IAMS_20	20 13 57.6
SMTH	Samothraki Isl	120.76	314	IAMS_20	IAMS_20	19 27 42.9 -0.7
RGN	Rugen	120.78	333	IAMS_20	IAMS_20	20 22 30.5
SADO	Sadowa	120.79	40	IAMS_20	IAMS_20	19 27 41.5 -1.9
052A	Adamsville	120.80	46	IAMS_20	IAMS_20	20 14 26.9
LANS	Liptovska Anna	120.81	326	IAMS_20	IAMS_20	19 27 44.7 +1.2
LANS	Liptovska Anna	120.81	326	IAMS_20	IAMS_20	19 27 44.7 +1.2
W52A	Murphy	120.82	52	IAMS_20	IAMS_20	20 17 25.2
152A	Waverly Hall	120.83	55	IAMS_20	IAMS_20	20 15 34.7
RZN	Rozhnovo	120.86	316	IAMS_20	IAMS_20	19 27 43.1 -0.9
Q52A	Bidwell	120.88	47	IAMS_20	IAMS_20	20 19 17.4
352A	Blakely	120.95	57	IAMS_20	IAMS_20	20 12 41.9
KHWEE	Khwee	120.95	241	IAMS_20	IAMS_20	19 27 43.7 -0.8
MBAR	Mbarara	120.95	266	IAMS_20	IAMS_20	19 27 42.3 -2.6
MBAR	Mbarara	120.95	266	IAMS_20	IAMS_20	20 22 52.4
Y52A	Lilburn	121.05	54	IAMS_20	IAMS_20	20 16 33.4
HERR	Herculane	121.10	320	IAMS_20	IAMS_20	19 27 44.1 0.0
KARP	Karpathos	121.16	308	IAMS_20	IAMS_20	19 27 43.6 -0.9
TGUH	Tegucigalpa,Un	121.18	77	IAMS_20	IAMS_20	20 11 46.9
OKK	Ostrava-Krasne	121.18	327	IAMS_20	IAMS_20	20 20 20.0
PSZ	Piszkesteto	121.20	324	IAMS_20	IAMS_20	19 27 44.1 -0.1
PSZ	Piszkesteto	121.20	324	IAMS_20	IAMS_20	19 27 44.5 +0.1
LJA	Limnos Island	121.22	314	IAMS_20	IAMS_20	19 27 42.9 -1.5
N53A	Lisbon	121.25	45	IAMS_20	IAMS_20	20 13 20.9
BZS	Buzias	121.27	321	IAMS_20	IAMS_20	19 27 44.0 -0.3
KAVA	Kavala	121.29	315	IAMS_20	IAMS_20	19 27 43.0 -1.4
STEB	Steborice	121.33	327	IAMS_20	IAMS_20	19 27 45.0 +0.5
ERPA	Erie	121.33	43	IAMS_20	IAMS_20	20 13 15.9
354A	Whipple	121.34	47	IAMS_20	IAMS_20	20 25 28.4
YVHS	Yvonne	121.51	325	IAMS_20	IAMS_20	19 27 46.4 +1.5
YVHS	Yvonne	121.51	325	IAMS_20	IAMS_20	19 27 46.4 +1.5
VTS	Vitosha	121.52	317	IAMS_20	IAMS_20	19 27 44.2 -0.9
V53A	Saluda	121.53	51	IAMS_20	IAMS_20	20 13 28.7
MORC	Moravsky Berou	121.54	327	IAMS_20	IAMS_20	19 27 44.1 -0.7
MORC	Moravsky Berou	121.54	327	IAMS_20	IAMS_20	19 27 45.4 +0.5
MORC	Moravsky Berou	121.54	327	IAMS_20	IAMS_20	19 27 45.9 +1.0
MORC	Moravsky Berou	121.54	327	IAMS_20	IAMS_20	19 29 16.7 +0.2
MDVR	Moldovita	121.59	320	IAMS_20	IAMS_20	19 27 44.7 -0.3
KSP	Ksiaz	121.60	329	IAMS_20	IAMS_20	19 27 46.2 +1.2
KSP	Ksiaz	121.60	329	IAMS_20	IAMS_20	19 29 19.4 +2.5
KSP	Ksiaz	121.60	329	IAMS_20	IAMS_20	20 20 41.7
KSP	Ksiaz	121.60	329	IAMS_20	IAMS_20	19 27 46.7 +1.7
NVR	Nevroz	121.60	316	IAMS_20	IAMS_20	19 27 44.2 -1.0
MME	Musonsishita	121.61	316	IAMS_20	IAMS_20	19 27 42.7 -2.4
MAUC	Maruska	121.61	327	IAMS_20	IAMS_20	19 27 45.7 +0.6
MAUC	Maruska	121.61	327	IAMS_20	IAMS_20	19 29 19.5 +2.5
MAUC	Maruska	121.61	327	IAMS_20	IAMS_20	19 39 08.1 +2.1
GOGA	Godfrey	121.65	54	IAMS_20	IAMS_20	20 16 13.3
553A	Crawfordville	121.66	58	IAMS_20	IAMS_20	20 19 08.9

SCHO	Schefferville	121.75	25	IAMS_20	IAMS_20	19 27 45.3 +0.2
SCHO	Schefferville	121.75	25	IAMS_20	IAMS_20	19 27 45.3 +0.2
KRLC	Kraliky	121.78	328	IAMS_20	IAMS_20	19 27 45.4 0.0
KRLC	Kraliky	121.78	328	IAMS_20	IAMS_20	19 29 19.5 +1.3
KRLC	Kraliky	121.78	328	IAMS_20	IAMS_20	20 20 50.0
PAOC	Oil Creek Stat	121.78	44	IAMS_20	IAMS_20	19 27 44.1 -1.3
OSTO	Ostas	121.81	328	IAMS_20	IAMS_20	19 27 46.5 +1.1
OSTO	Ostas	121.81	328	IAMS_20	IAMS_20	19 29 20.6 +2.3
OSTO	Ostas	121.81	328	IAMS_20	IAMS_20	19 39 09.7 +2.0
OSTO	Ostas	121.81	328	IAMS_20	IAMS_20	20 20 10.0
O54A	Aveles	121.81	45	IAMS_20	IAMS_20	20 17 20.7
DPC	Dobruska-Polom	121.87	328	IAMS_20	IAMS_20	19 27 46.7 +1.1
DPC	Dobruska-Polom	121.87	328	IAMS_20	IAMS_20	19 29 21.7
DPC	Dobruska-Polom	121.87	328	IAMS_20	IAMS_20	19 27 46.7 +1.1
DPC	Dobruska-Polom	121.87	328	IAMS_20	IAMS_20	19 29 21.7 +3.0
CHVC	Chvalec	121.87	328	IAMS_20	IAMS_20	19 27 47.1 +1.6
CHVC	Chvalec	121.87	328	IAMS_20	IAMS_20	19 29 20.6 +1.9
CHVC	Chvalec	121.87	328	IAMS_20	IAMS_20	20 20 30.0
SRS	Serrai	121.88	316	IAMS_20	IAMS_20	19 27 43.1 -2.5
SRS	Serrai	121.88	316	IAMS_20	IAMS_20	19 27 43.1 -2.5
SRS	Serrai	121.88	316	IAMS_20	IAMS_20	20 19 53.8
UPC	Udice	121.94	328	IAMS_20	IAMS_20	19 29 21.7 +2.6
UPC	Udice	121.94	328	IAMS_20	IAMS_20	19 39 12.5 +3.7
UPC	Udice	121.94	328	IAMS_20	IAMS_20	20 20 10.0
JAVC	Velka Javorina	121.97	326	IAMS_20	IAMS_20	19 27 47.7 +1.9
544A	Dingess, Beckl	121.98	48	IAMS_20	IAMS_20	20 17 24.6
US4A	Nelson Funnay	122.03	50	IAMS_20	IAMS_20	20 14 50.8
TEGA	Tifton	122.07	56	IAMS_20	IAMS_20	20 17 29.5
PIHO	Peabovo	122.09	317	IAMS_20	IAMS_20	19 27 44.7 -1.4
BOVS	Bovan	122.11	319	IAMS_20	IAMS_20	19 27 45.6 -0.3
BOVS	Bovan	122.11	319	IAMS_20	IAMS_20	19 27 46.7 +0.6
SRO	Srobarova	122.17	325	IAMS_20	IAMS_20	19 27 46.7 +0.6
THRR	Santorini-Mono	122.19	310	IAMS_20	IAMS_20	19 27 47.9 -1.5
SNTS	Nea Kammeni, S	122.25	310	IAMS_20	IAMS_20	19 27 47.0 +0.4
PAIC	Palour	122.28	314	IAMS_20	IAMS_20	19 27 45.0 +1.4
SMOL	Smolenice	122.30	326	IAMS_20	IAMS_20	19 27 48.4 +2.0
VRAC	Vranov	122.32	327	IAMS_20	IAMS_20	19 27 46.8 +0.4
VRAC	Vranov	122.32	327	IAMS_20	IAMS_20	19 27 45.6 -0.6
VRAC	Vranov	122.32	327	IAMS_20	IAMS_20	19 29 21.8 +0.1
VRAC	Vranov	122.32	327	IAMS_20	IAMS_20	19 46 14.6 +1.5
VRAC	Vranov	122.32	327	IAMS_20	IAMS_20	19 39 15.6 +3.4
KNT	Kendrikon	122.35	316	IAMS_20	IAMS_20	19 27 46.0 -0.6
IVI	Ivgutur	122.36	11	IAMS_20	IAMS_20	20 18 26.9
MCWV	Mont Chateau	122.39	46	IAMS_20	IAMS_20	20 21 42.0
KARY	Karystos	122.42	312	IAMS_20	IAMS_20	19 27 44.8 -2.0
NIPOLS	Nisopolis	122.25	309	IAMS_20	IAMS_20	19 27 46.6 -0.3
MODS	Modra-Piesok	122.46	326	IAMS_20	IAMS_20	19 27 48.3 +1.6
MODS	Modra-Piesok	122.46	326	IAMS_20	IAMS_20	19 27 48.3 +1.6
KYMI	Kymi, Euboea I	122.46	313	IAMS_20	IAMS_20	19 27 49.3 -2.0
VAY	Valandovo	122.51	316	IAMS_20	IAMS_20	19 27 47.0 0.0
KRUC	Krusky	122.56				

Table listing astronomical observations for 25d 19h, including station names, coordinates, and observation details.

Table listing astronomical observations for 2020 AUG, including station names, coordinates, and observation details.

Table listing astronomical observations for 1472, including station names, coordinates, and observation details.

TORD Torodi Ar. Bea 149.95 286 PKPbc PKPbc 20 01 54.1 -1.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for IDC 25, PMG Port Moresby, and WRA Warramunga Arr.

OSPL 25 19:55:34.5, 2.19, 81Nk:71.18W, h0km, 9km, ML3.2, Presumed earthquake

SDD 25 19:55:34.3, 3.0, 19.80Nk:71.19W, h0km, 8km, MD3.0, ML3.1, MW3.2, Presumed earthquake

ISC 25 19:55:32.9, 1.0, 19.85Nk:0.03:71.19W, 0.03, h20km, 4km, n25, c099144, Dominican Republic region

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like LOPP1, LUDR, MCDR, etc.

IDC 25 20:02:49.9, 0.5, 5.41S, 152.01E, h0km, mb4.7/25, m1mp4.7/27, ML3.2, MS4.5/5, Error ellipse: s-maj=17.0km s-min=10.7km az=108.0

11C-13D, New Britain region

Main table of seismic events for the New Britain region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like I40PG Keravat, RABL RABL, etc.

CMSA Cobar Meteorol 26.61 192 P P

Main table of seismic events for the CMSA region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SOEI Soe, STKA Stephens Creek, etc.

25d 20h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like KM12 Kunming, KLR Kul'dur, CMAR Chiang Mai Arr, etc.

2020 AUG

Table with columns for station ID, name, frequency, and signal strength. Includes stations like N18K Kilae Creek, K17K Iditarod, O19K Port Aisworth, etc.

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Table with columns for station ID, name, frequency, and signal strength. Includes stations like FRU1 Bishkek, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like WAKR Walker, PAHR Pah Range, HRA Herat, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like ISC 25 20:03:59, RSSD Black Hills, K22A Casper, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like SFS 25 20:04:31.9, IGL 25 20:04:31.6, CNRM 25 20:04:32.4, etc.

NEIC 25 20:03:58.2, 0.7, 43.82N, 0.04, 105.36W, 0.06, h0km, 1km, ML3, 4/73, Error ellipse: s-maj=9.6km s-min=2.7km

ISC 25 20:04:01.5, 2.0, 44.13N, 105.68W, h0km, mbtm3, 4/4, ML2, 8/2, Error ellipse: s-maj=65.7km s-min=12.1km az=145.0

NEIC 25 20:03:58.2, 0.7, 43.82N, 0.04, 105.36W, 0.06, h0km, 1km, ML3, 4/73, Error ellipse: s-maj=9.6km s-min=2.7km

25d 20h

Table with columns: PSIM, Granatula de C, 3.98 50 Pn, 20 05 31.6 +0.2, etc.

CNRM 25 20:12:40.8,35:59N,3:84W,h10km,ML1.8
SFS 25 20:12:40.7,35:42N,3:85W,h0km,ML2.2/11,ML2.4/11,ML2.5/8
MDD 25 20:12:42.0,0.6,35:44N,3:79W,h4km,5km,ml_Lg2.2/15,
Error ellipse: s-maj=4.7km s-min=3.1km az=156.0
ISC 25 20:12:41.2,-1.0,35:48N,0.02:3.83W,0.02,h12km,8km,
n38,e154071,Strait of Gibraltar

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

IDC 25 20:21:37.4-0.6,5:49S,151:99E,h0km,mB4.5/8,
mbmp4.5/21,ML3.3,Error ellipse: s-maj=16.8km
s-min=11.8km az=114.0
NEIC 25 20:21:39.6,2.2,5:67S,0:05s,151:90E,0:07,h10km,1km,
mb4.7/95,Error ellipse: s-maj=11.3km s-min=7.6km
az=101.0
DJA 25 20:21:47.9,0.9,6:S,10:15'2E, h67km,11km,M4.9/8,
mb4.6/8,MLV5.0/1
ISC 25 20:21:43.0,0.3,5:55S,0:04s,151:91E,0:05,h35km,n155,
e1331/137,mb4.7/68,New Britain region

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

2020 AUG

Main table with columns: CTA, Charters Tower, 15.46 200, AML, AML, 20 25 18.8 +0.1, etc.

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Table with columns: MLY, Manley, 81.90 21, Iamb, P, 20 33 57.9 -0.8, etc.

OSPL 25 20:33:13.7,1.9,19:78N,71:24W,h0km,17km,ML2.4,
Presumed earthquake
SDD 25 20:33:14.4,3.1,19:80N,71:21W,h0km,9km,MD2.8,
ML2.6,MLV2.6,Presumed earthquake
ISC 25 20:33:13.5,-1.0,19:78N,0:03:71.21W,0:03,h10km,7km,
n16,e122/29,Dominican Republic region

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

PODR	comp=N,80nm,0.3s	IAML	20 34 07.7
GRTK	Grand Turk	1.73 2 i P	Pn 20 33 41.9 -1.8
GRTK		i S	Pn 20 34 06.0 +0.2
GRTK		IAML	20 34 07.4
LOBH	Bahia de las A	1.95 192 i P	Pn 20 33 47.0 +0.3
SMDR	Samana, DR	1.97 104 i P	Pn 20 33 48.9 +1.9
SMDR		i S	Pn 20 34 13.2 +1.4
SMDR		IAML	20 34 14.3

NNC 25 21:07:14.1±1.6,42.16N:80.74E,h0km,mb2.8,mpv2.6,
 Error ellipse: s-maj=12.7km s-min=7.9km az=3.0

SOME 25 21:07:00.4,42.10N:81.17E,h0km,2C-2D,Northern

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
SHLS	Shalkode	1.64 311	Op	Pg	21 07 34.1	+2.2
SHLS	2.2nm,0.1s		S	Sn	21 07 48.2	-4.4
SHLS	2.0nm,0.2s	1.64 311	eP	Pn	21 07 28.0	-2.6
SHLS	Shalkode		eS	Sn	21 07 47.9	-4.7
SHLS	4.5nm,0.2s	1.64 311	eP	Pg	21 07 34.1	+2.2
SHLS	Shalkode		eS	Sn	21 07 48.2	-4.4
SHLS	2.2nm,0.1s		eS	Sn	21 07 34.1	+2.2
PDGK	Podgornye	1.74 315	Op	Pg	21 07 41.5	+7.7
PDGK	4.1nm,1.4s		Op	Sg	21 08 03.7	+7.3
UZB	Uzymbulak	1.90 304	P	Pg	21 07 43.9	+7.1
UZB	0.9nm,0.1s		S	Pg	21 08 05.1	+3.7
UZB	1.5nm,0.1s	1.90 304	eP	Pg	21 07 37.0	+0.3
UZB	Uzymbulak		eS	Sg	21 08 03.2	+1.9
UZB	0.9nm,0.1s	1.90 304	eS	Pg	21 07 43.9	+7.1
UZB	1.5nm,0.1s	1.90 304	eS	Pg	21 08 05.1	+3.7
SATY	Saty	2.25 296	Pg	Pg	21 07 50.8	+7.2
SATY	2.2nm,0.2s		Lg	Lg	21 08 16.9	
SATY	3.8nm,0.1s	2.25 296	eP	Pg	21 07 44.4	+0.8
SATY	Saty		eS	Sg	21 08 16.0	+3.2
SATY	0.7nm,0.1s	2.25 296	eP	Pg	21 07 50.8	+7.2
SATY	2.2nm,0.1s		eS	Sg	21 08 16.9	+4.1
SATY	2.2nm,0.2s	2.25 296	eP	Pg	21 07 50.8	+7.2
SATY	3.8nm,0.1s		eS	Sg	21 08 16.9	+4.1
KPKS	Kokpek	2.28 308	Pg	Pg	21 07 50.3	+6.1
KPKS	Kokpek		Lg	Lg	21 08 16.0	
KPKS	1.4nm,0.2s	2.28 308	eP	Pg	21 07 44.1	0.0
KPKS	2.2nm,0.1s		eS	Sg	21 08 15.9	+2.2
KPKS	5.9nm,0.2s	2.28 308	eP	Pg	21 07 50.2	+6.1
KPKS	0.1nm,0.1s		eS	Sg	21 08 16.1	+2.4
KPKS	1.4nm,0.2s	2.28 308	eP	Pg	21 07 44.1	0.0
KPKS	Kokpek		eS	Sg	21 08 15.9	+2.2
KPKS	5.9nm,0.2s	2.28 308	eP	Pg	21 07 50.2	+6.1
KPKS	0.1nm,0.1s		eS	Sg	21 08 16.1	+2.4
MK31	Makanchi Array	4.76 9	Op	Pb	21 08 27.3	+2.5
MK31	1.2nm,0.9s,baz=195,slow=13,SNR=7.7		Op	Sb	21 09 24.7	+2.1
MK31	0.7nm,0.8s,baz=194,slow=26		Op	Sb	21 09 24.7	+2.1

IDC 25 21:08:19.4,1.3,5:37S:151.90E,h0km,mb4.1/10,
 mbmp4.1/11,ML2.2/1, Error ellipse: s-maj=45.1km
 s-min=15.5km az=124.0

NEIC 25 21:08:21.7,1.5,5:72S:0.05E:152.3E:0.1,h10km,1km,
 mb2.2/18, Error ellipse: s-maj=23.2km s-min=7.3km
 az=98.0

ISC 25 21:08:24.6,0.8,5:59S:0.09E:152.1E:0.1,h35km,n36,
 r136/36,mb4.1/17,NB,New Britain region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
KRVT	Keravat (AS076)	1.28 357	LR	Pn	21 09 05.3	
KRVT	comp=Z,125nm,19.0s,baz=50,slow=43		LR	Pn	21 09 05.3	
RABL	Rabaul	1.39 3	P	Pn	21 08 48.9	+1.3
MANU	Manus Island	5.89 307	Pn	Pn	21 09 52.4	+2.9
PMG	Port Moresby	6.19 322	Pn	Pn	21 09 54.8	+1.2
PMG	3.4nm,0.3s,baz=47,slow=14,SNR=7.2		S	Sn	21 11 01.8	-1.4
PMG	1.4nm,0.3s,baz=52,slow=17,SNR=4.4		S	Sn	21 11 01.8	-1.4
PMG	29nm,0.9s		S	Sn	21 11 01.8	-1.4
PMG	Eidsvold	19.69 183	AML	AML	21 12 53.5	+2.6
EIDS			IAMB	IAMB	21 12 36.8	
MTN	Manton Dam	21.90 249	P	P	21 13 15.9	+1.0
WBO	Warramunga Arr	22.25 229	P	P	21 13 18.8	+1.0
WBO	comp=Z,15nm,1.4s		IAMB	IAMB	21 13 46.2	
WR8	Warramunga Arr	22.29 229	P	P	21 13 19.7	+0.6
WR8	comp=Z,6.0nm,0.8s		IAMB	IAMB	21 13 22.3	
WRAB	Tennant Creek	22.39 229	P	P	21 13 21.0	+0.9
WRAB	comp=Z,6.2nm,0.7s		IAMB	IAMB	21 13 35.5	
WRA	Warramunga Arr	22.40 229	P	P	21 13 19.5	-0.8
WRA	comp=Z,4.8nm,0.8s,baz=53,slow=9.9,SNR=2.1		P	P	21 13 19.5	-0.8
WRA	Warramunga Arr	22.40 229	P	P	21 13 19.5	-0.8
INKA	Innaminka	24.53 205	P	P	21 13 42.6	+1.5
INKA	comp=Z,4.8nm,0.8s		IAMB	IAMB	21 13 50.5	
KNRA	Kununurra	25.00 245	P	P	21 13 43.9	-1.5
AS31	Alice Springs	25.09 222	P	P	21 13 46.4	+0.1
ASAR	Alice Springs	25.10 222	P	P	21 13 46.7	+0.4
FITZ	Fitzroy Crossi	28.67 242	P	P	21 14 16.9	-1.5
FITZ	comp=Z,2.8nm,1.0s		IAMB	IAMB	21 14 21.9	
CMAR	Chiang Mai Arr	57.58 296	P	P	21 18 10.7	-0.8
CMAR	comp=Z,0.8nm,0.6s,baz=110,slow=6.8,SNR=6.3		P	P	21 18 10.7	-0.8
CMAR	comp=Z,0.8nm,0.6s		P	P	21 18 10.7	-0.8
SOMM	Songino Array	66.62 328	P	P	21 19 10.6	-1.2
SOMM	comp=Z,1.4nm,0.6s,baz=143,slow=5.0,SNR=7.4		P	P	21 19 10.6	-1.2
SOMM	comp=Z,1.4nm,0.6s		P	P	21 19 10.6	-1.2
SOMM	Songino Array	66.62 328	P	P	21 19 11.4	-0.3
SOMM	comp=Z,1.5nm,0.7s		IAMB	IAMB	21 19 12.9	
K15K	Wolf Creek Mo	76.38 20	P	P	21 20 10.8	+0.7
J17K	VABM Dome	77.95 20	P	P	21 20 20.9	+2.0
J17K	comp=Z,6.0nm,1.3s		IAMB	IAMB	21 20 55.4	
CNPM	China Pot	78.73 26	P	P	21 20 24.0	+0.8
G18K	Tagagawik	79.71 18	P	P	21 20 29.7	+1.2
IKAR	Makanchi Array	80.46 319	P	P	21 20 31.3	-1.7
IKAR	comp=Z,0.8nm,0.8s,baz=96,slow=4.3,SNR=4.8		P	P	21 20 31.3	-1.7
F19K	Shalerucik Mo	80.59 18	P	P	21 20 33.9	+0.7
E19K	Redstone River	81.15 18	P	P	21 20 37.5	+1.3
E19K	comp=Z,2.1nm,0.9s		IAMB	IAMB	21 20 39.6	
ZALV	Zalesovo Beam	81.42 327	P	P	21 20 36.4	-1.5
ZALV	comp=Z,0.8nm,0.4s,baz=112,slow=5.6,SNR=4.5		P	P	21 20 36.4	-1.5
ZALV	comp=Z,0.8nm,0.4s		P	P	21 20 36.4	-1.5
C19K	Zalesovo Beam	81.42 327	P	P	21 20 36.5	-1.4
C19K	Lookout Ridge	81.54 16	P	P	21 20 38.7	+0.4
C19K	comp=Z,2.6nm,1.1s		IAMB	IAMB	21 20 41.3	
SCM	Sheep Creek Mo	81.56 25	P	P	21 20 38.6	0.0
ILAR	Eielson Array	83.15 22	P	P	21 20 46.7	0.0
ILAR	comp=Z,0.8nm,0.6s,baz=250,slow=4.3,SNR=1.1		P	P	21 20 46.7	0.0
KURBB	Kurchatov Arr	83.99 322	P	P	21 20 49.5	-1.8
KURBB	comp=Z,0.8nm,0.6s		P	P	21 20 49.5	-1.8
BVAR	Borovoye Array	89.45 323	P	P	21 21 15.7	-2.3
BVAR	comp=Z,1.2nm,0.7s,baz=102,slow=6.5,SNR=8.7		P	P	21 21 15.7	-2.3
PDAR	Pinedale Array	99.90 48	P	Pdf	21 22 06.5	+0.3
PDAR	comp=Z,0.3nm,0.3s,baz=283,slow=5.0,SNR=2.5		P	P	21 22 06.5	+0.3
GERES	GERESS Array B	124.35 328	PKP	PKPdf	21 27 19.1	-1.1

comp=Z,0.4nm,0.5s,baz=55,slow=3.7,SNR=4.7
TORD Torodi Ar. Bea 149.87 287 PKPbc PKPbc 21 28 11.8 -0.4
 comp=Z,5.6nm,0.8s,baz=73,slow=2.6,SNR=26

IDC 25 21:18:57.8,2.3,28:25N:55:19E,h0km,mb3.7/12,
 mbmp3.7/12, Error ellipse: s-maj=47.5km s-min=21.9km
 az=157.0
 TEH 25 21:18:59.6,28:27N:55:28E,h11km,15km,ML3.6,
 Presumed earthquake
 DSN 25 21:19:03.0,1.0,28:05N:55:05E,h10km,ML3.7/15, Error
 ellipse: s-maj=11.8km s-min=5.4km az=27.0
 OMAN 25 21:19:06.3,0.4,27:75N:55:27E,h10km,21km,ml3/18,
 Error ellipse: s-maj=43.0km s-min=4.2km az=353.0
 ISC 25 21:18:59.3,0.6,28:19N:55:27E:0.04,h10km,n71,
 e211/87,mb3.5/11,Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
GENO	Geno	1.12 134	Op	Pn	21 19 23.1	+1.9
IBND	Bandar-abas	1.34 123	Pg	Pb	21 19 26.5	+2.0
JHRM	Jahrom	1.53 282	Pg	Pb	21 19 29.6	+1.8
KHLI	Khalil Fars	1.83 253	Pn	Pb	21 19 34.0	+1.1
UGRR	Ugar Kerman	1.94 41	Pn	Pb	21 19 34.5	+1.8
LMD1	Lamerd	2.05 246	Pn	Pb	21 19 37.6	+0.9
KHJN	Kahnoji	2.16 96	Pn	Pn	21 19 38.1	+2.7
SHME	Shamm	2.26 160	P	Pn	21 19 39.6	+2.8
SHME	Shamm	2.26 160	P	Pn	21 19 40.4	+0.1
SHME	Shamm	2.26 160	S	Sn	21 19 40.2	-2.5
KHGB	Koh Gabri	2.42 25	Pn	Pn	21 19 41.5	+2.3
BANOM	Banah	2.43 158	P	Pn	21 19 42.2	+3.0
BANOM	Banah	2.43 158	P	Pn	21 19 42.5	+3.3
BANOM	Banah	2.43 158	S	Sn	21 19 42.7	+1.6
CHMN	Cheshme madani	2.59 49	Pn	Pn	21 19 44.2	+2.5
MSAF	Masaf	2.91 164	P	Pn	21 19 49.4	+3.6
MSAF	Ema-Masafi	2.92 171	P	Pn	21 19 48.9	+2.9
KBAM	BAM	2.95 17	Pn	Pn	21 19 49.2	+2.8
MDH	Madha	3.02 162	P	Pn	21 19 49.9	+2.7
MDH	Madha	3.02 162	P	Pn	21 19 50.1	+2.9
NAZ	Nazwa, Dubai	3.20 174	i P	Pn	21 19 53.3	+3.5
NAZ	Nazwa, Dubai	3.20 174	P	Pn	21 19 49.5	-0.3
IMEH	Mehriz	3.25 350	Pn	Pn	21 19 52.7	+2.1
UOSS	Minazif	3.33 165	i P	Pn	21 19 54.0	+2.4
UOSS	Minazif	3.33 165	P	Pn	21 19 53.8	+2.3
IBAF	Bafgh	3.40 4	Pn	Pn	21 19 54.3	+1.6
HATD	Hatta, Dubai	3.43 167	P	Pn	21 19 55.7	+2.7
HATD	Hatta, Dubai	3.43 167	P	Pn	21 19 54.0	+1.1
FAO	Fao, Dubai	3.49 164	P	Pn	21 19 55.9	+2.9
FAO	Fao, Dubai	3.49 164	P	Pn	21 19 54.3	+1.3
DSBU	Dashti - Bushe	3.54 274	Pn	Pn	21 19 57.3	+2.8
ASUD	Al Ashush, Dub	3.55 179	P	Pn	21 19 57.4	+3.0
ASUD	Al Ashush, Dub	3.55 179	P	Pn	21 19 56.2	+1.8
ASHO	Ashiyah	3.56 168	i P	Pn	21 19 56.5	+1.8
ASHO	Ashiyah	3.56 168	S	Sn	21 20 38.9	+2.1
ASHO	Ashiyah	3.56 168				

Table with columns: Station Name, Elevation (eS), Frequency (Sn), and Time/Status. Includes stations like PB05, IPOC Station P, AHML, etc.

Table with columns: Station Name, Elevation (eP), Frequency (Sn), and Time/Status. Includes stations like RCLB Rio Claro-200, VAO Valinhos, VAO Valinhos, etc.

Table with columns: Station Name, Elevation (P), Frequency (Sn), and Time/Status. Includes stations like MAW Mawson, YHH Hill, HLID Hailey, etc.

ADC 25:22:47:53.8 ± 1.7, 2.98S; 139°45'E, h0km, mb3.5/4, mbmtip3.6/5, ML3.8/1, Error ellipse: s-maj=68.9km s-min=18.3km, az=100.0, Near north coast of Irian Jaya

ADC 25:22:52:07.2 ± 1.1, 34°26'N; 25°73'E, h0km, mb3.8/7, mbtip3.6/14, ML3.4/6, MS2.6/1, Error ellipse: s-maj=32.7km s-min=9.6km, az=32.0

Table with columns: Station Name, Elevation (P), Frequency (Sn), and Time/Status. Includes stations like ZKR Zakros, NPS Neapolis, SIVA Sivas, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CTAO Charters Tower, LZH Lanzhou, and various SKA and UHF stations.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KS19 Wonju Array Si, AUMHS Mt Stromlo, and various UHF and VHF stations.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MDOK Medeo, AAA Alma-Ata, and various UHF and VHF stations.

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1485

Table with columns: ICAO, Name, Frequency, Power, Mode, and other flight details. Includes stations like JEM Erimo, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, etc.

Table with columns: ICAO, Name, Frequency, Power, Mode, and other flight details. Includes stations like FWVZ Far West T-bar, TRVZ Turoa, MAVZ Matarangi, etc.

25d 23h

Table with columns: ICAO, Name, Frequency, Power, Mode, and other flight details. Includes stations like KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, etc.

25d 23h

Table of station data for 25d 23h, including station names (e.g., KOOLE Kule, MOS Moscow), coordinates, and various parameters like P, Pmax, and time offsets.

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Main table of station data for 2020 AUG, listing station names (e.g., ARCR ARCALIA, LOT Lotru), coordinates, and parameters.

1486

Table of station data for 1486, including station names (e.g., KHC Kasperske Hory, KBA Koelnbrenser), coordinates, and parameters.

NIED 25 23:31:26.1, 37:37N:141:99E, h29km, MW3.4, Moment Tensor Solution, s3 Moment tensor, Scale 10^14 Nm...

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like JFK, JMST, ONAJ, etc.

OSPL 25 23:36:16.4, 2.2, 19:80N:71:23W, h0km, 14km, ML2.7, Presumed earthquake, SDD 25 23:36:16.4, 2.3, 19:80N:71:18W, h18km, 8km, MD2.8

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Kalavryta, Athens Observa, and Athens-Neo Psi.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Athens Observa, Athens-Neo Psi, and Athens Univers.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Jahan bin, IGAR, and AGRP.

NEIC 26 00:02:03.9: 1.1, 19.06N, 0.04:67.22W, 0.04, h28km, 10km, ML2.8/37, Md3.5/18(RSPR), Error ellipse: s-maj=6.7km

RSPR 26 00:02:04.7: 19.12N-67.29W, h10km, 31km, MD3.5/18 SDD 26 00:02:04.6: 1.4, 19.09N-67.21W, h17km, 13km, MD3.0, ML2.6, MW3.0, Presumed earthquake

OSPL 26 00:02:05.7: 2.6, 16.97N-67.22W, h0km, 30km, ML3.2, Presumed earthquake

ISC 26 00:02:01.0: 1.5, 19.17N-0.07:67.23W, 0.03, h14km, 10km, n45, c071/60, 19C-6D, Mona Passage

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like AGRP, IDE, AOPR, and EMPR.

IDC 25 23:59:38.0: 8.9, 5.25S, 151.43E, h69km, 62km, mb3.5/4, mbtmp3.8/5, ML 1.9/1, Error ellipse: s-maj=106.5km

ISC 25 23:59:37.0: 2.9, 5.35S, 151.65E, 0.6, h65km, n6, c083/7, mb3.6/4, New Britain region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like PMG, WRA, ASAR, FITZ, ZALV, and TORD.

TEH 26 00:01:04.7: 29.57N-50.48E, h12km, 17km, ML3.3, Presumed earthquake

DSN 26 00:01:10.1: 2.8, 29.16N-50.66E, h10km, ML3.9/9, Error ellipse: s-maj=36.0km s-min=12.8km az=2.0

OMAN 26 00:01:14.3: 1.9, 28.91N-50.90E, h10km, mb3.4/7, ml3.6/2, Error ellipse: s-maj=22.6km s-min=10.3km az=23.0

ISC 26 00:01:08.1: 1.6, 29.43N, 0.07:50.64E, 0.09, h25km, n51, c1562/67, Southern Iran

26d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SDDR Presa de Saban, LONE3 El Aguacate, LODO1 El Espartillar, BANI BANI, PODR Polo, GRTK Grand Turk, LOBH Bahía de las A, etc.

SJA 26 01:31:31.9-0.8, 31.91Sx71.92W, h15km, 29km, ML3.4, MW3.5
GUC 26 01:31:37.0-0.8, 31.99Sx71.62W, h55km, 19km, ML3.7
ISC 26 01:31:34.0-1.5, 32.01Sx0.03x71.70W, 0.06, h9km, 11km, n35, e1936/51, 4C-2D, Near coast of central Chile

Main table of station data for the 26d 2h period, listing station codes, names, coordinates, and seismic parameters.

2020 AUG

NEIC 26 01:36:23.1-1.2, 4.34S, 0.05x101.11E, 0.5, h4km, 5km, mb4.3/12, Error ellipse: s-maj=9.0km s-min=4.4km az=142.0
IDC 26 01:36:23.0-1.0, 4.25S, 101.05E, h0km, mb4.0/13, mbtmp4.0/13, MS3.4/8, Error ellipse: s-maj=38.9km s-min=15.7km az=54.0
DJA 26 01:36:25.3-0.4, 4.53S, 101.1E, h10km, M4.7/35, mB5.6/2, mb4.8/8, MLV4.6/35, Mw(mB)5.1/2
ISC 26 01:36:26.0-0.6, 4.32S, 0.07x101.10E, 0.06, h29km, n80, e1910/63, mb4.2/18, MS3.5/7, Southern Sumatra

Main table of station data for the 2020 AUG period, listing station codes, names, coordinates, and seismic parameters.

1492

BUR08 Bucovina Ar. S 83.73 319 P P 01 48 53.5 +0.4
GERES GERES Array B 91.50 319 P P 01 49 31.7 +1.1
TORD Torodi Ar. Bea 100.12 283 P P 01 50 10.7 +0.3
TXAR Lajitas Array 145.80 41 PKPbc PKPab 01 56 05.3 +1.1

NEIC 26 02:24:03.7-1.3, 23.97N, 0.08x88.48E, 0.04, h10km, 2km, mb4.0/3, Error ellipse: s-maj=14.5km s-min=5.3km az=189.0
NDI 26 02:24:03.7-2.8, 23.92N, 88.32E, h13km, 12km, ML3.8, MW3.7, Presumed earthquake
DMN 26 02:24:08.5-0.3, 23.93N, 87.97E, h10km, M14.6/10, Error ellipse: s-maj=10.2km s-min=5.5km az=62.0
IDC 26 02:24:08.9-1.2, 25.27N, 91.18E, h0km, mb3.6/6, mbtmp3.6/8, ML4.2/2, MS4.0/1, Error ellipse: s-maj=59.8km s-min=15.4km az=63.0
ISC 26 02:24:02.2-0.8, 23.97N, 0.04x88.32E, 0.04, h10km, n44, e232/63, mb3.7/8, India-Bangladesh border region

Main table of station data for the 1492 period, listing station codes, names, coordinates, and seismic parameters.

26d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MMSI Sidrap Palu, KAPI Kappang, SBUM Sibiu, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like QLP Qulipie, HNR Hoty, LZDM Lanzhou, etc.

1494

Table with columns for station name, frequency, power, and other technical details. Includes stations like NIL Nilore, KSH2 Kashi, ASAI AK-SAY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNN Bunyan, KEV Kevo, BR131 Keskin Array S, etc.

IDC 26 03:04:20.8 1.9, 4.42S, 150.81E, h0km, mb3.3/3, mbtpp3.5/4, ML1.8/1, Error ellipse: s-maj=137.3km s-min=19.9km az=122.0, New Britain region

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

SSNC 26 03:10:47.3 1.5, 19.95N, 70.94W, h7km, 13km, MD3.1, ML2.9, Presumed earthquake SDD 26 03:10:49.6 1.8, 19.94N, 71.22W, h15km, 40km, MD3.1, ML3.1, MW3.1, Presumed earthquake ISCL 26 03:10:52.2 2.5, 19.79N, 71.19W, h0km, 13km, ML2.6, Presumed earthquake

OSCP 26 03:10:50.1, 1.19, 83.83N, 0.03, 71.19W, 0.04, h20km, 4km, n22, c195/36, 2C, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOPPI Punta Rusia, LUDR Luperon, LODA1 ITESIL, etc.

IDC 26 03:38:30.1 2.0, 4.86S, 151.51E, h0km, mb3.5/4, mbtpp3.7/5, ML2.0/1, Error ellipse: s-maj=157.5km s-min=20.2km az=128.0, New Britain region

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

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

CATAC 26 03:47:00.9 0.4, 13.12N, 2.90W, h26km, 2km, M3.2/28, MLV0.2/28, Error ellipse: s-maj=5.1km s-min=3.0km

SNET 26 03:47:01.2 0.9, 13.13N, 89.60W, h44km, ML3.5, ML3.2, Presumed earthquake GCG 26 03:47:02.9 0.4, 13.27N, 89.58W, h47km, 6km, MD3.7, ML3.7, Presumed earthquake

ISC 26 03:47:01.1 0.1, 13.12N, 0.05, 89.58W, 0.05, h26km, 12km, n56, c034/85, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcalda de L, LOMA Loma Larga, LOMA Loma Larga, etc.

IDC 26 03:50:17.0 0.2, 5.33S, 151.57E, h0km, mb3.6/3, mbtpp3.7/4, ML1.5/1, Error ellipse: s-maj=84.0km s-min=20.4km az=118.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 26 04:10:15.2 0.6, 15.99S, 179.42W, h0km, mb4.4/16, mbtpp4.4/17, ML5.6/1, MS3.9/44, Error ellipse: s-maj=23.5km s-min=15.5km az=134.0

NEIC 26 04:10:16.2 1.5, 15.95S, 0.1, 179.3W, 0.1, h10km, 1km, mb4.7/58, Error ellipse: s-maj=24.6km s-min=9.4km az=132.0

GCMT 26 04:10:21.2 0.2, 15.84S, 0.03, 179.54W, 0.02, h13km, 1km, MW4.8/88, Moment Tensor Solution. s32, c42, s88, c122; Duration: 0 Moment tensor: Scale 10^19Nm, Mr1.64z, 12;

Mw=0.15z, 0.8; Mw=1.49z, 0.8; Mw0.01z, 2.4; Mw0.96z, 0.6; Mw=0.73z, 1.8; Best double couple, Mo1, 96800x10^16 Np1.9x319.00000, 836.00000, 7.00000. NP2: 0x164.00000, 856.00000, 1.104.00000. Principal axes: T 1.8260, P1g74.00000, Azm115.00000; N 0.2850, P1g12.00000, Azm336.00000; P -2.1100, P1g10.00000, Azm244.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 26 04:10:18.0 0.4, 15.89S, 0.08, 179.36W, 0.09, h22km, n157, c191/126, mb4.7/53, MS4.0/39, 5C-2D, Fiji Islands

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

Table of astronomical observations for 26d 5h, including stations like ELK, CAST, HAWA, and various comet and asteroid sightings.

Table of astronomical observations for 2020 AUG, including stations like GERES, WINA, RONA, MOA, and various comet and asteroid sightings.

Table of astronomical observations for 1496, including stations like STKA, ASAR, TOO, URZ, and various comet and asteroid sightings.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like WVT Waverly, T474 Sharon Grove, NBPNT Ponto Novo - B, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like SDCO Great Sand Dun, Y21A Socorro, K22A Casper, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like Q32M Nakina River, NOA NORSPAR Array B, M31M Drury Creek, etc.

Table with columns: JIDR, Jimani, 1.82 212, Pn, 06 52 17.9, +0.5, 06 52 40.1, -0.2

ASRS 26 06:59:33.0, 1.2, 54.60N, 83.67E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ICD 26 06:59:34.4, 2.7, 54.61N, 83.71E, h0km, mbmt2.712, ML2.4/2, Error ellipse: s-maj=23.0km s-min=11.6km

az=150.0, Southwest Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC

OSPL 26 07:08:50.7, 2.5, 19.79N, 71.22W, h0km, 15km, ML2.4, Presumed earthquake

SDD 26 07:08:50.4, 2.0, 19.82N, 71.13W, h12km, 11km, MD2.8, ML2.3, MW2.9, Presumed earthquake

ISC 26 07:08:49.3, 1.0, 19.79N, 0.03, 71.16W, 0.04, h16km, 6km, n17, c073/26, 9C-4D, Dominican Republic region

Main table for the first section with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC

ICD 26 07:11:08.4, 47.0, 16.34S, 176.41W, h0km, mb4.3/3, mbtmp4.3/3, Error ellipse: s-maj=73.0km s-min=168.0km, az=73.0, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC

KRSC 26 07:21:08.7, 0.5, 54.32N, 160.79E, h94km, 9km, M14.4, Felt (IV-V) at korodon Aerodrom, korodon Kronoki.

MOS 26 07:21:09.3, 0.7, 54.34N, 160.99E, h103km, mb4.3/1, Error ellipse: s-maj=11.4km s-min=4.2km az=72.8

NEIC 26 07:21:11.4, 1.2, 54.3N, 160.5E, 0.2, h12km, 6km, mb4.1/55, Error ellipse: s-maj=18.6km s-min=10.7km az=140.0

ICD 26 07:21:12.8, 1.5, 54.47N, 160.08E, h120km, 18km, mb3.8/9, mbtmp4.1/9, Error ellipse: s-maj=46.2km s-min=16.6km az=139.0

ISC 26 07:21:10.2, 0.7, 54.33N, 0.03, 160.73E, 0.04, h93km, 6km, n156, c092/171, mb4.0/36, 1D, Near east coast of Kamchatka Peninsula

Main table for the second section with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC

Table with columns: KRXX, Arik, 1.57 233, Pn, 07 21 37.2, 0.0

Table with columns: KRXX, Avacha, 1.59 229, Pn, 07 21 38.1, +0.9

Table with columns: KRXX, Avacha, 1.59 229, Pn, 07 21 38.2, +0.9

Table with columns: KRXX, Avacha, 1.59 229, Pn, 07 21 38.3, -0.1

Table with columns: KRXX, Avacha, 1.59 229, Pn, 07 21 38.4, +0.4

Table with columns: KRXX, Avacha, 1.59 229, Pn, 07 21 38.5, +0.4

Table with columns: KRXX, Avacha, 1.59 229, Pn, 07 21 38.6, +0.4

Table with columns: KRXX, Avacha, 1.59 229, Pn, 07 21 38.7, 0.0

Table with columns: H22K, Ishlathina Cre, 25.80 44, P, 07 26 32.9, +0.7

Table with columns: H22K, Anaktuvuk Pass, 25.86 39, Iamb, 07 26 34.6

Table with columns: H23K, Yukon River, 26.55 45, Iamb, 07 27 03.0

Table with columns: H23K, Chandalar, 26.67 40, P, 07 26 40.6, +0.6

Table with columns: H24K, Your Creek, 27.09 40, P, 07 26 44.6, +0.9

Table with columns: G24K, Hardweezier River, 27.41 43, P, 07 26 47.5, +0.9

Table with columns: HDA, Harding Lake, 27.68 48, Iamb, 07 26 50.6

Table with columns: IL31, Clear River, 27.68 47, Iamb, 07 26 50.6

Table with columns: ILAR, Eielson Army, 27.68 47, P, 07 26 49.5, +0.5

Table with columns: IATA, City, Country, Altitude, Status, etc. Includes entries for JOW Kunigami, JMK Ichinoseki, JNU Tushima, etc.

Table with columns: IATA, City, Country, Altitude, Status, etc. Includes entries for SANI Sanana, LZDM Lanzhou Array, KRAI Karang Ratu, etc.

Table with columns: IATA, City, Country, Altitude, Status, etc. Includes entries for FITZ Fitzroy Crossi, ZSN Zaisan, AKUT Akutan, etc.

Table with columns: PKD, Station Name, Az, El, Amb, Time, Res. Includes stations like Bear Valley Ra, PABE, AK03, etc.

Table with columns: ARR, Station Name, Az, El, Amb, Time, Res. Includes stations like Arges, Henry Mountain, Borca, etc.

Table with columns: Code, Station Name, Az, El, Amb, Time, Res. Includes stations like KBL, ARSB, TSSA, etc.

ADC 26 07:38:11.91.9, 15.725x179.77W, h0km, mb3.4/3, mbtmpt3.4/4, ML4.9/1, MS3.2/2, Error ellipse: s-maj=96.6km s-min=28.2km az=144.0, Fiji Islands region

ellipse: s-maj=6.1km s-min=3.5km az=85.8
GFZ 26 08:00:44.9.0.4, 36°N, 4°W, 7°E, h100km, 5km, M4.6/21, mb4.8/21

GCMT 26 08:00:45.9.0.5, 36°42'N, 0°03'17.22'E, h137km, 5km, MW4.7/83, Moment Tensor Solution, s10,c10, s83,c107; Duration: 0 Moment tensor: Scale 1016Nm; Mr1.07z.07; Mw=0.33z.11; Ms=0.73z.10; M=0.75z.06; Mw=1.0z.09; Ms=0.14z.06; Best double couple: M1.61600x1016 Np1.9z11.00000°, 841.00000°, 1.22.00000°. Principal axes: T=4550, P1g59.00000°, Azm201.00000°; N=0.3230, P1g28.00000°, Azm43.00000°, P=1.7770, P1g12.00000°, Azm312.00000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 26 08:00:45.9.1.9, 36°47'N, 0°06'71.42'E, h121km, 6km, mb4.5/112, Error ellipse: s-maj=12.1km s-min=7.7km az=124.0

BUI 26 08:00:48.3.36.55N-71.96E, h116km, mb4.6/5, mb4.5/28
NCC 26 08:00:50.5.7.4, 36°94'N, 70°90'E, h105km, 101km, mb4.2, mpv4.9, Error ellipse: s-maj=60.9km s-min=46.9km az=178.0

ISC 26 08:00:43.8.0.3, 36.3639N, 0.037149E, h114km, n362, P=25367, mb4.5/109, 15C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, Amb, Time, Res. Includes stations like KBL, ARSB, TSSA, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
1505	MORC Moravsky Berou	40.75	307	P	P	08 08 12.3	-1.1
MORC	MORC						
	comp=Z,8.0nm,0.9s						
MORC	MORVSKY BEROU	40.75	307	P	I	08 08 12.3	-1.1
MORC	MORC						
	comp=Z,7.7nm,0.8s						
MORC	MORVSKY BEROU	40.75	307	eP	P	08 08 15.4	+2.0
VRAC	VRANOV	41.39	306	eP	P	08 08 19.4	+0.7
	comp=Z,7.7nm,0.8s,baz=81,slow=8.0,SNR=7.7						
VRAC	VRANOV	41.39	306	eP	P	08 08 20.8	+2.2
ARCES	ARCES ARRAY B	41.40	338	P	P	08 08 19.6	+1.1
ARCES	ARCES						
	comp=Z,1.66nm,18.8s,baz=119,slow=7.2,SNR=1.8						
ARCES	ARCES ARRAY B	41.40	338	P	P	08 08 20.0	+1.6
ARCES	ARCES						
	comp=Z,1.5nm,1.5s						
ARCES	ARCES ARRAY B	41.40	338	P	P	08 08 20.0	+1.6
ARCES	ARCES						
	comp=Z,1.5nm,1.5s						
KRUC	MORAVSKY BEROU	41.53	306	eP	P	08 08 22.1	+2.3
RONA	ROSALIA, AUSTR	41.70	304	eP	P	08 08 23.3	+2.0
	comp=Z,5.5nm,0.9s						
IPM	IPOH	41.77	132	P	P	08 08 23.5	+1.4
PSI	PRAPAT	41.92	136	P	P	08 08 24.2	+0.7
PSI	PSI						
	comp=Z,7.0nm,0.6s						
CONA	CONRAD OBSERVA	41.97	304	eP	P	08 08 25.5	+2.0
HEH	HEIHE	42.00	53	eP	P	08 08 25.3	+1.7
HEH	HEH						
	comp=Z,1.4nm,0.6s						
RPSI	RANTAU PRAPAT	42.01	137	P	P	08 08 24.2	+0.4
RPSI	RPSI						
	comp=Z,6.7nm,0.6s						
BNX	BINXIAN	42.41	59	PP	P	08 08 24.3	-2.7
BNX	BNX						
	comp=Z,1.6nm,0.8s						
GSI	GUNUNGSITOLI	42.45	139	eP	P	08 08 29.4	+1.9
SOKA	SOBOL	42.67	302	eP	P	08 08 31.0	+1.9
	comp=Z,7.7nm,0.7s						
SESA	SEATALER ALP	42.93	303	eP	P	08 08 33.3	+1.9
BRG	BERGJESSHUBEL	43.01	308	iP	P	08 08 34.0	+2.3
BRG	BRG						
	comp=Z,1.3nm,1.0s						
OBKA	OBIR	43.02	302	eP	P	08 08 34.0	+2.0
MOA	MOLIN	43.05	304	eP	P	08 08 34.0	+1.9
	comp=Z,5.7nm,1.0s						
GERES	GERESS ARRAY B	43.32	305	P	P	08 08 35.1	+0.7
GERES	GERES						
	comp=Z,0.9nm,0.6s,baz=119,slow=8.0,SNR=3.1						
GERES	GERES						
	comp=Z,1.3nm,0.7s,baz=94,slow=11,SNR=3.5						
KHC	KASPERSKY HORY	43.37	306	eP	P	08 08 37.4	+2.7
KHC	KHC						
	comp=Z,2.4nm,0.9s						
HFS	HAGLOFS	43.40	322	P	P	08 08 35.3	+0.5
HFS	HFS						
	comp=Z,2.4nm,0.9s,baz=91,slow=10,SNR=29						
BIOA	BIOA	43.49	304	eP	P	08 08 37.1	+1.4
CLL	COLLIN	43.57	309	eP	P	08 08 38.0	+1.8
CLL	CLL						
	comp=Z,2.4nm,0.9s						
CGAR	DIEGO GARCIA	43.58	179	P	P	08 08 20.0	+0.4
CEL	CELESTE	43.69	290	P	P	08 08 42.0	+5.4
SABO	M.TE SABOTINO	43.74	301	P	P	08 08 38.1	+0.3
LESA	MARZARZETAL	44.17	304	eP	P	08 08 42.8	+1.6
	comp=Z,2.2nm,0.5s						
STAL	STALIGIAL	44.31	302	P	P	08 08 42.0	-0.2
STAL	STAL						
	comp=Z,8.0nm,1.1s						
ABTA	ABFALTERSBACH	44.38	303	eP	P	08 08 44.1	+1.3
NC405	NORSAR ARRAY S	44.47	323	P	P	08 08 44.1	+0.8
NC602	NORSAR ARRAY S	44.52	323	P	P	08 08 44.1	+0.4
NC602	NC602						
	comp=Z,9.6nm,1.0s						
NORES	NORESS ARRAY B	44.52	323	P	P	08 08 43.7	0.0
NORES	NORES						
	comp=Z,2.0nm,0.3s						
KSRS	KOREA ARRAY	44.54	71	P	P	08 08 44.5	+0.3
	comp=Z,4.8nm,0.9s,baz=281,slow=6.9,SNR=11						
NC303	NORSAR ARRAY S	44.65	323	P	P	08 08 45.5	+0.2
NB2	NORSAR SUBARRA	44.71	323	P	P	08 08 45.4	+0.2
NOA	NORSAR ARRAY B	44.71	323	P	P	08 08 45.5	+0.2
NOA	NOA						
	comp=Z,1.9nm,0.9s,baz=95,slow=8.6						
NOA	NOA						
	comp=Z,1.6nm,0.9s,baz=96,slow=7.8,SNR=43						
WTTA	WATTERBERG	44.89	303	eP	P	08 08 48.1	+1.0
NC204	NORSAR ARRAY S	44.95	323	P	P	08 08 47.6	+0.5
NC204	NC204						
	comp=Z,1.3nm,0.8s						
DAVA	DAMUETS	46.07	304	eP	P	08 08 57.3	+1.0
SPITS	SPITSBERGEN AR	47.69	347	P	P	08 09 09.9	+1.6
SPITS	SPITS						
	comp=Z,3.4nm,0.7s,baz=130,slow=11,SNR=5.0						
KIBK	KIBWEZI	49.55	226	P	P	08 09 24.9	+1.6
SBUM	SBIBU	50.50	122	P	P	08 09 33.0	+2.5
SBUM	SBUM						
	comp=Z,1.0nm,0.9s						
MJAR	MATSUSHIRO ARR	52.62	69	P	P	08 09 45.9	-0.2
	comp=Z,5.1nm,0.9s,baz=294,slow=8.4,SNR=14						
MJAR	MATSUSHIRO ARR	52.62	69	P	P	08 09 47.7	+1.6
MJAR	MJAR						
	comp=Z,5.0nm,1.3s						
MJAR	MATSUSHIRO ARR	52.62	69	P	P	08 09 47.7	+1.6
MJAR	MJAR						
	comp=Z,4.8nm,1.2s						
EKA	ESKDALEMUR AR	52.64	316	P	P	08 09 46.8	+0.9
	comp=Z,5.3nm,0.9s,baz=84,slow=9.3,SNR=5.0						
MBAR	MBARARA	52.77	235	P	P	08 09 48.0	+0.5
MBAR	MBAR						
	comp=Z,6.0nm,0.7s						
MBAR	MBARARA	52.77	235	P	P	08 09 48.0	+0.5
MBAR	MBAR						
	comp=Z,6.0nm,0.7s						
ESDC	SONSEKA ARRAY	57.86	298	P	P	08 10 22.6	-1.0
	comp=Z,1.7nm,0.8s,baz=51,slow=7.2,SNR=18						
BORG	BORGANES	58.90	330	LR	LR	08 37 42.0	
ABPO	AMBHOHIMPANOM	59.69	207	P	P	08 10 37.8	+1.3
ABPO	ABPO						
	comp=Z,7.0nm,0.8s						
ABPO	AMBHOHIMPANOM	59.69	207	P	P	08 10 37.8	+1.3
LSZ	LUSAKA	65.67	227	P	P	08 11 17.3	+1.1
LSZ	LSZ						
	comp=Z,9.0nm,0.8s						
LSZ	TORDI AR BEA	65.67	227	P	P	08 11 17.3	+1.1
TORD	TORD						
	comp=Z,2.5nm,0.6s,baz=51,slow=6.0,SNR=34						
SFJD	KANGERUSSAQA	68.00	339	LR	LR	08 40 59.0	
C18K	UTUKOK RIVER	68.25	18	I	A	08 11 35.3	
C19K	LOOKOUT RIDGE	68.32	17	I	A	08 11 33.8	
D19K	KUNA RIVER	69.13	17	I	A	08 11 38.7	
E18K	TUKPAHEARIC C	69.31	19	I	A	08 11 39.8	
D20K	ETIVLUK RIVER	69.32	17	P	P	08 11 39.0	+0.6
D20K	D20K						
	comp=Z,5.5nm,1.0s						
F15K	NORTH STAR DIT	69.41	22	I	A	08 11 40.9	
KSANE	KASANE	69.43	227	P	P	08 11 40.9	+1.0
C23K	IKILIK RIVER	69.73	14	I	A	08 11 43.0	
D22K	AIYIKYAK RIVER	70.08	16	I	A	08 11 48.5	

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Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
E21K	KILLIK RIVER	70.14	16	I	A	08 11 44.8	
G16K	KOYUK RIVER	70.30	21	I	A	08 11 46.8	
D23K	NANUSHUK RIVER	70.43	15	I	A	08 11 47.1	
D25K	KAVIK RIVER	70.98	13	I	A	08 11 50.6	
G19K	PURCELL MOUNTS	71.19	19	I	A	08 11 51.1	
COLD	COLDFOOT	71.97	16	I	A	08 11 56.6	
IMAR	INDIAN MOUNTAIN	72.16	18	P	P	08 11 55.5	-0.1
E25K	ARCTIC VILLAGE	72.17	14	P	P	08 11 56.7	+1.0
H21K	MELOZITINA RIVER	72.66	18	I	A	08 12 00.0	
BMAR	BURRNT MOUNTAIN	72.96	14	P	P	08 12 01.5	+1.0
J19K	POORMAN	73.26	20	P	P	08 12 03.4	+1.2
J19K	J19K						
	comp=Z,6.2nm,0.9s						
K17K	LDITAROD	73.49	22	I	A	08 12 05.4	
J20K	NOWITNA RIVER	73.51	19	I	A	08 12 07.9	
I23K	MINTO, YUKON-C	73.90	17	I	A	08 12 07.4	
INK	INUVIK	73.95	9	P	P	08 12 07.4	+1.3
INK	INK						
	comp=Z,9.0nm,1.1s						
INK	INUVIK	73.95	9	P	P	08 12 07.4	+1.3
INK	INK						
	comp=Z,9.1nm,1.1s						
K20K	TELIDA	74.19	20	I	A	08 12 09.9	
F30M	BARRIER RIVER	74.29	11	I	A	08 12 10.9	
H27K	STENBOAT MOUNT	74.59	13	I	A	08 12 11.9	
CAST	CASTLE ROCKS	74.66	19	I	A	08 12 11.9	
ILAR	ELEISON ARRAY	74.78	16	P	P	08 12 10.9	-0.1
ILAR	ILAR						
	comp=Z,2.1nm,0.8s						
ILAR							

26d 8h

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1506

Table with columns: Station, Name, Time, Lat, Lon, Alt, Az, El, Status, etc. Includes stations like DAV, NWA0, NWA0, BLDU, KAPI, etc.

Table with columns: Station, Name, Time, Lat, Lon, Alt, Az, El, Status, etc. Includes stations like K05A, TPNV, TPNV, TPNV, etc.

Table with columns: Station, Name, Time, Lat, Lon, Alt, Az, El, Status, etc. Includes stations like PV20, HHC, HHC, PV23, etc.

1509

Table with columns: Station Name, Time, Res, P, M, L, R, S, and various codes. Includes stations like ILAR Eielson Array, COLA College, K2K7 Chicken, etc.

2020 AUG

Table with columns: Station Name, Time, Res, P, M, L, R, S, and various codes. Includes stations like LPIG La Paz, APG El Apazote, CMAR Chiang Mai Arr, etc.

26d 10h

Table with columns: Station Name, Time, Res, P, M, L, R, S, and various codes. Includes stations like AHML Horco Molle, PB07 IPOC Station P, PB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNN Bunyan, BR131 Keskin Array S, BRTR Keskin Array B, etc.

12h 11:46:51.6, 1.2, 38.48N, 133.78E, h450km, 17km, mb2.7/6, mbmp3.5/9, Error ellipse: s-maj=38.2km s-min=15.0km az=59.0

12h 11:46:51.7, 1.6, 38.4N, 133.7E, h450km, n15, o055/9, mb3.2/6, Sea of Japan

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

JMA 26 11:57:14.9, 0.1, 25.2N, 0.5:14.1E, h148km, MV4.6/11, IOTO ISLANDS REGION

12h 11:57:21.5, 6.24, 39N, 141.15E, h261km, 84km, mb3.4/7, mbmp4.0/8, Error ellipse: s-maj=30.2km s-min=17.5km az=81.0

12h 11:57:15.0, 0.1, 25.3N, 0.1:141.6E, h200km, n12, o190/13, mb3.6/7, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima-NKT2, CBJJ Chichi jima, BS03 Boso 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, YKA Yellowknife Arr, FINES FINES Array B, etc.

12h 12:15:14.6, 52.5, 0.37, 14N, 26.26E, h0km, Error ellipse: s-maj=262.6km s-min=192.9km az=144.0, Dodecanese

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I48TN KESRA INFRASONI3, I26DE FREYUNG INFRASIA, I43RU DUBNA INFRASON, etc.

12h 12:21:36.2, 8.1, 14.78S, 163.72E, h0km, mb3.7/3, mbtmp3.7/4, ML3.0/1, Error ellipse: s-maj=143.6km s-min=22.7km az=45.0, Vanuatu Islands region

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

12h 12:28:07.0, 0.6, 18.07N, 77.83W, h0km, mb3.8/11, mbtmp4.0/15, ML3.4/5, MS3.4/16, Error ellipse: s-maj=19.0km s-min=13.3km az=43.0

CATAC 26 12:28:07.8, 0.2, 18.1N, 2.7, 7W, h10km, M5.0/10, mb5.1/7, mb5.4/6, MLV5.0/10, Mw(mb)4.9/6, Error ellipse: s-maj=5.4km s-min=3.6km az=171.5, Moment Tensor Solution: Moment tensor: Scale 10^15Nm, M=1.0, 11, M=3.60, M=3.49, M=1.31, M=3.14, M=1.20, Fault plane solution: M5.05807x10^15 NP1=15.44157, 571.70609, 1.622552, NP2=23.48047, 84.09028, 1.6160486, Principal axes: T 5.2959, Plg17.1431, Azm338.0820, N -0.5150, Plg70.7102, Azm186.2779; P -4.7809, Plg6.5777, Azm70.7488; confirmed

GFZ 26 12:28:08.6, 0.3, 18.1N, 4.7, 7W, h10km, M4.6/16, mb4.6/16, confirmed

JSN 26 12:28:09.4, 0.3, 18.14N, 77.47W, h25km, 3km, MD4.6, Confirmed Earthquake

NEIC 26 12:28:09.8, 0.2, 18.28N, 0.06:77.35W, 0.02, h10km, 1km, mb4.5/39, Error ellipse: s-maj=10.0km s-min=3.7km az=189.0

RSNC 26 12:28:10.7, 0.5, 18.1N, 4.7, 7W, h0km, M4.7, mb5.2, mb2.0, Mw(mb)4.7

SSNC 26 12:28:10.3, 1.6, 18.12N, 77.46W, h23km, 19km, MD3.4, ML4.6, MV4.2, Presumed earthquake

ISC 26 12:28:09.8, 0.8, 18.11N, 0.003:77.42W, 0.03, h23km, 6km, n195, o28/38, 162, mb4.5/72, MS3.4/11, 3C-7D, Jamaica region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CVJ Coleyville, MTJD Mount Denham, PCJ Portland Cotta, etc.

YAR Yar 2.46 24 I P Pn 12 28 46.8 -1.5

RCC Rio Carpintero 2.48 41 I P Pn 12 28 47.2 -1.4

CBCY The Bluff, Cay 2.74 307 P S Pn 12 28 50.6 -1.6

CBCY The Bluff, Cay 2.74 307 eP S Pn 12 28 49.8 -2.3

CBCY The Bluff, Cay 2.74 307 eS S Pn 12 29 20.8 -3.8

CBCY The Bluff, Cay 2.74 307 IAML IAML 12 29 22.7

GTBY Guanantamo Bay 2.83 50 Pn 12 28 52.5 -1.0

LCCY Blossom Village 2.96 302 eP S Pn 12 28 53.5 -1.6

LCCY Blossom Village 2.96 302 eS S Pn 12 29 26.2 -3.7

LCCY Blossom Village 2.96 302 IAML IAML 12 29 28.0

HLGC Holguin 3.05 25 eP S Pn 12 28 55.5 -0.9

HLGC Holguin 3.05 25 eS S Pn 12 29 28.9 -3.3

HLGC Holguin 3.05 25 IAML IAML 12 29 32.9

CCCC Cccc 3.09 354 eP Pn 12 28 56.3 -0.7

CCCC Cccc 3.09 354 eS S Pn 12 29 29.9 -3.3

CCCC Cccc 3.09 354 IAML IAML 12 29 36.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAIB CAIB, CAIB comp=N, 128nm, 0.2s, etc.

SDDR Presa de Saban 5.88 81 P Pn 12 29 35.3 -0.1

SDDR Presa de Saban 5.88 81 P Pn 12 29 35.9 +0.5

SDDR Presa de Saban 5.88 81 P Pn 12 29 36.5 +1.1

SDDR Presa de Saban 5.88 81 P Pn 12 29 43.2

SDDR Presa de Saban 5.88 81 P Pn 12 29 36.6 +1.2

PRVC Isla de Provid 6.05 219 S P 12 29 39.3

PRVC Isla de Provid 6.05 219 P Pn 12 29 39.4 +1.7

PRVC Isla de Provid 6.05 219 P Pn 12 29 38.8 +1.1

PRVC Isla de Provid 6.05 219 S Pn 12 31 00.0 -6.3

CAMR Camarico 6.16 324 P Pn 12 29 42.9 +3.6

CAMR Camarico 6.16 324 P Pn 12 29 39.7 +0.6

CAMR Camarico 6.16 324 eP S Pn 12 29 38.9 -0.3

CAMR Camarico 6.16 324 eS S Pn 12 30 51.0 +2.1

SC01 Santiago de lo 6.47 77 P Pn 12 29 47.4 +3.9

GRTK Grand Turk 6.81 59 P Pn 12 29 46.1 -2.1

GRTK Grand Turk 6.81 59 S Pn 12 30 59.9 -5.2

GRTK Grand Turk 6.81 59 P Pn 12 29 46.1 +1.3

GRTK Grand Turk 6.81 59 P Pn 12 29 48.5 +0.3

GRTK Grand Turk 6.81 59 S Pn 12 31 00.7 -4.4

GRTK Grand Turk 6.81 59 eP S Pn 12 29 48.5 +0.3

GRTK Grand Turk 6.81 59 eS S Pn 12 31 01.0 -4.1

GRTK Grand Turk 6.81 59 IAML IAML 12 31 06.2

GRTK Grand Turk 6.81 59 P Pn 12 29 48.6 +0.3

URIC Uribe, Colomb 8.25 140 P Pn 12 30 08.9 +1.0

URIC Uribe, Colomb 8.25 140 S Pn 12 30 08.6 -3.9

URIC Uribe, Colomb 8.25 140 S Pn 12 31 36.5 -3.9

URIC Uribe, Colomb 8.25 140 S Pn 12 30 08.9 +0.6

SIUN Universidad Ur 8.31 239 P Pn 12 30 09.4 +1.1

SIUN Universidad Ur 8.31 239 P Pn 12 30 15.1 +1.9

BLUN Bluefields 8.62 274 P Pn 12 30 23.2 +1.5

BOAB BOACO BROADBA 75 236 P Pn 12 30 32.0 +3.6

BOAB BOACO BROADBA 75 236 P Pn 12 30 30.7 +2.2

CRPR Cabo Rojo, PR 9.81 89 Pn 12 30 29.6 +0.4

MLPR Maguayes Islan 9.87 89 Pn 12 30 30.4 +0.2

TGUH Tegucigalpa, Un 10.29 248 Pn 12 30 39.8 +3.7

CELP Cerrillos 10.31 89 Pn 12 30 36.5 +0.4

UREC San Jos de Ur 10.46 170 P Pn 12 30 41.2 +2.9

TEJICH Tepich 10.47 283 Pn 12 30 38.8 +0.4

TEIG Tepich 10.47 283 P Pn 12 30 39.1 +0.7

DISNEY Disney Wildern 10.61 340 P Pn 12 30 40.1 -0.2

DISNEY Disney Wildern 10.61 340 P Pn 12 30 40.0 -0.2

JWS Las Juntas de 10.66 224 LR LR 12 30 05.7

San Juan 10.72 88 Pn 12 30 46.9 +5.2

comp=2.1, 2nm, 0.3s, baz=246, slow=6.7, SNR=4.2

SJG San Juan 10.72 88 Pn 12 30 46.9 +5.2

SJG San Juan 10.72 88 Pn 12 30 46.9 +5.2

SJG San Juan 10.72 88 Pn 12 30 46.9 +5.2

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

ADC 26 13:31:15.5, 19.0, 36.29N, 144.15E, h0km, mb3.9/5, mbtmp3.9/5, MS2.8/1, Error ellipse: s-maj=465.8km s-min=94.0km az=170.0, NEIC 26 13:31:49.4, 1.6, 40.94N, 0.04, 143.09E, 0.10, h35km, 2km, mb4.4/7, Error ellipse: s-maj=12.5km s-min=6.4km az=286.0, NIED 26 13:31:50.1, 41.05N, 142.84E, h19km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 1014Nm; Mw: 1.76; Mo: -0.91; Ms: -0.85; Mo: 0.57; Mw: -0.91; Mw: 1.23; Fault plane solution: M2.24000x10^14 NP1: o238.00000, s28.00000, l11.00000. NP2: o34.00000, s64.00000, l79.00000, JMA 26 13:31:50.1, 0.3, 41.1, 1N, 0.5, 142.8E, 0.18, h19km, 4km, MV3.6/40, E OFF ACOMORI PREF, ISC 26 13:31:48.2, 1.6, 40.97N, 0.04, 143.00E, h0km, h27km, 11km, n52, o12257, mb4.2/10, Off east coast of Honolulua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERM Erimo, JEM Erimo, JARK Aomorirokasho, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOR Torodi Ar. Bea, TOR Torodi Ar. Bea, TOR Torodi Ar. Bea, etc.

ADC 26 13:46:02.1, 1.4, 34.44N, 95.49E, h0km, mb3.6/6, mbtmp3.6/7, ML3.2/1, MS2.7/4, Error ellipse: s-maj=114.6km s-min=23.2km az=55.0, ISC 26 13:46:03.6, 1.4, 34.7N, 0.4, 95.6E, 0.6, h10km, n11, o2217, mb3.6/4, Qinghai

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

TAP 26 13:56:43.7, 24.89N, 122.41E, h11km, ML3.4, C JMA 26 13:56:43.3, 0.1, 24.9N, 0.9, 122.5E, 0.4, h4km, MV2.9/8, NW OFF ISHIGAKI/JIMA IS, n86, o977122, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1 Santiao Chiao, TWB1 Santiao Chiao, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWQ1 Beigang Elemen, WCS Beigang Elemen, WCS Beigang Elemen, etc.

ADC 26 14:02:38.2, 0.8, 54.825S, 127.49W, h0km, mb4.0/8, mbtmp4.0/8, MS3.3/6, Error ellipse: s-maj=33.0km s-min=23.4km az=130.0, NEIC 26 14:02:40.0, 0.9, 54.85S, 0.04, 127.6W, 0.2, h10km, 1km, mb4.6/18, Error ellipse: s-maj=19.6km s-min=7.7km az=89.0, ISC 26 14:02:39.7, 0.5, 54.8S, 0.1, 127.5W, 0.1, h10km, n46, o97231, mb4.4/14, MS3.4/6, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTCN Pitcairn Island, RPN Rapa Nui, MG03 Isla Dawson, VNSA Vanda, etc.

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1516

26d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Kuangyinshan, Yeheng, Sanguang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AERN, MOMN, CNGA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ANGG, ISOG, JMJC, etc.

CATAC 26 15:43:01.3±0.5, 11°N±2.8°W±. h24km±4km, M3.9/4.3, MLv3.9/4.3, Error ellipse: s-maj=4.6km s-min=2.7km az=27.3, confirmed

UCR 26 15:43:08.3±1.3, 11.44N±.86°34'W, h19km±8km, MW4.3, Presumed earthquake

ISC 26 15:42:52.4±1.4, 10.90N±0.04±.87°34'W±.0104, h16km±10km, m5.9, r122/86, BC-9D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like COPN, NADN, NANN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BORG, IASB, IGYG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ANGG, ISOG, JMJC, etc.

comp=Z.62nm, 6.1s

Table with columns: Station, Name, Time, Az, El, P, S, R, M, D, L, 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 stations like FUR, KSP, UPC, etc.

Table with columns: Station, Name, Time, Az, El, P, S, R, M, D, L, 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 stations like MDT, KIRV, KEST, etc.

Table with columns: Station, Name, Time, Az, El, P, S, R, M, D, L, 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 stations like MA2, ANMO, TLY, etc.

IDC 26 16:18:06.2+14.0, 19:18S-179°16'E, h376km, 36km, mb2.9/3, mbtmp3.6/4, Error ellipse: s-maj=357.1 km s-min=64.3km az=130.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, P, S, R, M, D, L, 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 stations like MSVF, WRA, ASAR, etc.

OSPL 26 17:08:09.9+1.1, 19:80N-171:01W, h0km, 13km, ML2.1, Presumed earthquake

SDD 26 17:08:10.4+1.4, 19:82N-171:13W, h26km, 15km, MD2.5, ML2.1, MW2.7, Presumed earthquake

ISC 26 17:08:10.2+1.0, 19:79N-170:04:71:15W-0:07, h17km, 8gkm, n8, c08R2.13, 2C-3D, Dominican Republic region

Table with columns: Code, Station Name, Az, El, P, S, R, M, D, L, 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 stations like LOPPI, LUDD, MADR, etc.

26d 19h

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALV, Zalesovo Beam, KSH2, Kashi, MKAR, Makanchi Array, etc.

2020 AUG

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALV, Zalesovo Beam, KSH2, Kashi, MKAR, Makanchi Array, etc.

1520

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like PLAI, KLBRR, Narrogin (SRO), etc.

mbmp3.3/3,ML3.8/1,Error ellipse: s-maj=77.2km s-min=18.9km az=59.0
GFZ 26 19:14:31.3.0.3.0.3.25 N4.4x9.4E.4, h62km, mb4.0/3, confirmed

ISC 26 19:14:29.9.1.1.1.249N.0.1:94.2E.0.1, h55km, n17, 1575/27, Myanmar-India border region

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

IDC 26 19:23:15.7.1.5.22.24S:179.54W, h587km, 14km, mb3.2/11, mbmp4.2/14, Error ellipse: s-maj=22.0km s-min=14.3km az=115.0

NEIC 26 19:23:16.8.1.8.22.2S.0.1:179.6W.0.1, h600km, 4km, mb4.3/24, Error ellipse: s-maj=19.2km s-min=16.5km az=117.0

ISC 26 19:23:16.4.0.5.22.25S:0.08:179.65W:0.10, h600km, n88, r198/78, mb4.0/22, 9C, South of Fiji Islands

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

Table with columns: USRK, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Ussuriysk Arr, ILLSW, GHO, etc.

IDC 26 19:32:28.8.2.9.30.67N:140.92E, h0km, mb3.3/4, mbmp3.2/5, ML2.5/4, Error ellipse: s-maj=120.5km s-min=17.4km az=77.0, Southeast of Honshu

IDC 26 19:42:50.3.2.1.35.57N:31.75E, h0km, mb3.5/4, mbmp3.4/6, ML3.4/2, MS2.6/2, Error ellipse: s-maj=97.9km s-min=14.8km az=67.0

AFAD 26 19:42:51.1.35.46N:31.54E, h22km, 1km, MW3.4, GII 26 19:42:51.2.0.0.35.284N:0.002:31.523E:0.001, h0km, Mw3.0, confirmed

ISC 26 19:42:53.9.35.67N:31.72E, h8km, ML3.3/32, NIK 26 19:42:55.5.35.58N:31.72E, h51km, 7km, ML2.8/12, ISC 26 19:42:51.4.1.1.35.55N:0.02:31.67E:0.02, h14km, n88, r192/51, mb3.5/4, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MJAR, H1S3, H1S1, etc.

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

IDC 26 19:42:50.3.2.1.35.57N:31.75E, h0km, mb3.5/4, mbmp3.4/6, ML3.4/2, MS2.6/2, Error ellipse: s-maj=97.9km s-min=14.8km az=67.0

IDC 26 19:42:51.1.35.46N:31.54E, h22km, 1km, MW3.4, GII 26 19:42:51.2.0.0.35.284N:0.002:31.523E:0.001, h0km, Mw3.0, confirmed

ISC 26 19:42:53.9.35.67N:31.72E, h8km, ML3.3/32, NIK 26 19:42:55.5.35.58N:31.72E, h51km, 7km, ML2.8/12, ISC 26 19:42:51.4.1.1.35.55N:0.02:31.67E:0.02, h14km, n88, r192/51, mb3.5/4, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KEBE, MJAR, H1S3, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Q51A, SFIN Lafayette, PDJR San Juan, etc.

IDC 26:20:58:38.8,9,8,24,125x179.19E,h585km,90km,mb2.6/3, mbtm3.6/4, Error ellipse: s-maj=210.3km

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

IDC 26:21:07:09.7,2.3,24,125x179.73W,h512km,32km,mb3.1/6, mbmp4.0/9, Error ellipse: s-maj=45.9km s-min=19.4km

IDC 26:21:07:09.6,1.6,24,125x179.70W,2,h512km,n9, s=48/9,mb3.7/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, URZ Urewera, etc.

IDC 26:21:26:57.1,1.0,35'61N,82'35E,h0km,mb3.4/6, mbtm3.5/11,ML3.0/5,MS2.7/2, Error ellipse: s-maj=25.5km s-min=12.5km az=63.0

IDC 26:21:26:58.9,1.0,35.7'N,101.824'E,0.1,h10km,n12, s=19/12,mb3.5/5,Xizang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK KBL, BTK Batken, etc.

IDC 26:21:52:40.4,0.8,1.51N,126.97E,h0km,mb4.0/10, mbmp4.1/13,ML4.3/3,MS3.3/1, Error ellipse: s-maj=32.4km s-min=13.0km az=78.0

IDC 26:21:52:54.5,1.6,1.54N,102.08x126.96E,0.09,h118km,7km, mb4.3/29, Error ellipse: s-maj=13.5km s-min=10.9km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, AB31 Akbulak array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, MNI Manado, SANI Sanana, etc.

IDC 26:21:57:44.9,0.3,45.53N,181'13E,h7km,3km,ML2.2/7, VIE 26:21:57:44.0,0.8,45.45N,178'33E,h10km,mb2.2/5,ml2.0/7, Error ellipse: s-maj=6.1km s-min=4.6km az=125.0 35 km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Yu-ii, TPUB Ta-pu, etc.

IDC 26:21:57:44.8,1.0,45.60N,180'9E,h5km,ML2.8/29, Error ellipse: s-maj=7.1km s-min=5.2km az=162.0

IDC 26:21:57:45.8,0.3,45.55N,182'22E,h15km,3km,ML2.1/9, BEO 26:21:57:45.8,0.3,45.55N,182'22E,h15km,3km,ML2.1/9

IDC 26:21:57:43.6,1.1,45.55N,182'10E,0.02,h10km,9km, n69, s=1501/99,7C-2D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA SSSLB, MBWA Marble Bar, etc.

IDC 26:21:57:44.8,1.0,45.60N,180'9E,h5km,ML2.8/29, Error ellipse: s-maj=7.1km s-min=5.2km az=162.0

IDC 26:21:57:43.6,1.1,45.55N,182'10E,0.02,h10km,9km, n69, s=1501/99,7C-2D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WUS PDGK, MKAR Makanchi Array, MKAR Makanchi, etc.

IDC 26:21:57:44.8,1.0,45.60N,180'9E,h5km,ML2.8/29, Error ellipse: s-maj=7.1km s-min=5.2km az=162.0

IDC 26:21:57:43.6,1.1,45.55N,182'10E,0.02,h10km,9km, n69, s=1501/99,7C-2D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV KBL, BVAR Borovoye Array, etc.

IDC 26:21:57:44.8,1.0,45.60N,180'9E,h5km,ML2.8/29, Error ellipse: s-maj=7.1km s-min=5.2km az=162.0

IDC 26:21:57:43.6,1.1,45.55N,182'10E,0.02,h10km,9km, n69, s=1501/99,7C-2D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AB31 Akbulak array, VANDA Vanda, G19K Purcell Mounta, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MORH Mrgy, Hungary, MORH Mrgy, Hungary, A2644 Tarany, etc.

IDC 26:22:10:45.7,8.9,35.87N,71.46E,h0km,mb3.8/3, mbtm3.7/6,ML3.2/3,MS3.0/1, Error ellipse: s-maj=151.7km s-min=26.8km az=126.0

IDC 26:22:11:10.9,1.5,37.24N,102.06E,71.9E,0.1,h142km,12km, mb4.1/5, Error ellipse: s-maj=12.2km s-min=8.6km

IDC 26:22:11:19.1,1.9,1.6,37.97N,71.72E,h230km,101km,mb2.4, mp3.6, Error ellipse: s-maj=73.4km s-min=61.8km

IDC 26:22:11:10.3,0.7,37.18N,102.05,71.94E,0.16,h150km,n52, s=1976/60,mb4.2/5,3C,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MORH Mrgy, Hungary, A2664 Gyulaj, BLY Banja Luka, etc.

IDC 26:22:10:45.7,8.9,35.87N,71.46E,h0km,mb3.8/3, mbtm3.7/6,ML3.2/3,MS3.0/1, Error ellipse: s-maj=151.7km s-min=26.8km az=126.0

IDC 26:22:11:10.9,1.5,37.24N,102.06E,71.9E,0.1,h142km,12km, mb4.1/5, Error ellipse: s-maj=12.2km s-min=8.6km

IDC 26:22:11:19.1,1.9,1.6,37.97N,71.72E,h230km,101km,mb2.4, mp3.6, Error ellipse: s-maj=73.4km s-min=61.8km

IDC 26:22:11:10.3,0.7,37.18N,102.05,71.94E,0.16,h150km,n52, s=1976/60,mb4.2/5,3C,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MORH Mrgy, Hungary, A2664 Gyulaj, BLY Banja Luka, etc.

IDC 26:22:10:45.7,8.9,35.87N,71.46E,h0km,mb3.8/3, mbtm3.7/6,ML3.2/3,MS3.0/1, Error ellipse: s-maj=151.7km s-min=26.8km az=126.0

IDC 26:22:11:10.9,1.5,37.24N,102.06E,71.9E,0.1,h142km,12km, mb4.1/5, Error ellipse: s-maj=12.2km s-min=8.6km

IDC 26:22:11:19.1,1.9,1.6,37.97N,71.72E,h230km,101km,mb2.4, mp3.6, Error ellipse: s-maj=73.4km s-min=61.8km

IDC 26:22:11:10.3,0.7,37.18N,102.05,71.94E,0.16,h150km,n52, s=1976/60,mb4.2/5,3C,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MORH Mrgy, Hungary, A2664 Gyulaj, BLY Banja Luka, etc.

IDC 26:22:10:45.7,8.9,35.87N,71.46E,h0km,mb3.8/3, mbtm3.7/6,ML3.2/3,MS3.0/1, Error ellipse: s-maj=151.7km s-min=26.8km az=126.0

IDC 26:22:11:10.9,1.5,37.24N,102.06E,71.9E,0.1,h142km,12km, mb4.1/5, Error ellipse: s-maj=12.2km s-min=8.6km

IDC 26:22:11:19.1,1.9,1.6,37.97N,71.72E,h230km,101km,mb2.4, mp3.6, Error ellipse: s-maj=73.4km s-min=61.8km

IDC 26:22:11:10.3,0.7,37.18N,102.05,71.94E,0.16,h150km,n52, s=1976/60,mb4.2/5,3C,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DRK Karamyk, BTX Batken, KSH2 Kashy, etc.

Code Station Name Az Phase ID Time Res
YOJ Yonaguni jima 0.56 196 P Pn 22 15 29.3 +0.3
YOJ Yonaguni jima 0.56 196 P Pn 22 15 29.2 +0.3

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

YOJ Yonaguni jima 0.56 196 P Pn 22 15 29.3 +0.3
YOJ Yonaguni jima 0.56 196 P Pn 22 15 29.2 +0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOGS, WARBT Fonglin Townsh, etc.

YOJ Yonaguni jima 0.56 196 P Pn 22 15 29.3 +0.3
YOJ Yonaguni jima 0.56 196 P Pn 22 15 29.2 +0.3

26d 22h

Table with columns for station name, frequency, and signal strength. Includes stations like KIV Kislovodsk, EPOS Posof, HAKT HAKKARI, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like HFS, KWP Kalwaria Pacia, RAZZ Razgrad, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like CEL Celeste, EKA, B08A, etc.

DJA 26 22:28:45.6:0.3, 3°S:3'x12°9E, h10km, M3.8/12,
IDC 26 22:29:03.3:3.4, 3°32'S: 129°53'E, h213km, 32km, mb3.1/3,
mbmp3.8/5, MS2.7/2, Error ellipse: s-maj=91.5km
s-min=13.4km az=72.0
ISC 26 22:28:44.2:1.0, 2.85S:0.1:129°50E:0.07, h10km, n12,
c#250/10, M3.8/3, Seram

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Cerro Villicun, San Juan, Coronel Ftop, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VCA Vinchina, VA03 San Esteban, MRA San Martin, etc.

NEIC 26 22:45:12.8±1.4, 8°30'S, 0°07'±160°9'E:0.1, h25km, 6km, mb4, 4/0.0, Error ellipse: s-maj=18.5km s-min=9.1km az=102.0

IDC 26 22:45:18.4±2.6, 8°35'S, 160°71'E, h66km, 22km, mb3.8/1.4, mbtmp4.1/1.6, MS3.3/3, Error ellipse: s-maj=27.6km s-min=19.5km az=97.0

ISC 26 22:45:14.0±0.6, 8°28'S, 0°08'±161°0'E:0.1, h35km, n55, α1527/46, mb4.2/2.2, MS3.3/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR Mont Dzumac, HNR Charters Tower, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songoing Array, Q19K Cape Douglas, L18K Granite Mounta, etc.

IDC 26 22:58:48.1±2.2, 0°07'N, 127°75'E, h0km, mb3.4/5, mbtmp3.5/5, Error ellipse: s-maj=258.6km s-min=22.5km az=68.0

DJA 26 22:58:49.2±0.3, 0°N±3'±12°8'E±, h10km, M3.8/1.2, mb4.0/2, MLV3.7/1.2

ISC 26 22:58:52.0±1.1, 0°20'±128°3'E:0.2, h35km, n8, α1502/8, mb3.6/4, Halmahera

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TINTI Ternate, SWI Sorong, FAKI Fak Fak, etc.

AFAD 26 23:00:00.6, 40°08'N, 28°38'E, h7km, gkm, ML1.1, Turkey

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BAND Balikesir-Ban, YLLC Yalacik, DURS Dursunbey, etc.

JMA 26 23:04:08.0±0.2, 29°3N, 0°7'±130°5E:0.9, h16km, MV3.1/13, NEAR AMAMI-OISHIMA ISLAND

IDC 26 23:04:25.1±4.3, 29°34'N, 129°19'E, h131km, 42km, mb3.4/6, mbtmp3.7/8, MS2.9/3, Error ellipse: s-maj=34.8km s-min=24.2km az=102.0

ISC 26 23:04:07.6±1.0, 29°29'N, 0°05'±130°54'E:0.07, h10km, n18, α193/20, mb3.8/6, MS2.9/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JNN Nakanoshima, JYAK Yakushimahirau, JYMT Minamitane, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, BVAR Borovoye Array, SJA 26 23:07:13.4±0.8, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TINO Tinogasta, VCA Vinchina, ACLC CERRO LA CRUZ, etc.

NEIC 26 23:09:55.8±1.0, 3°9N, 0°1'±123°0'E:0.1, h55km, 11km, mb4.0/1.3, Error ellipse: s-maj=19.6km s-min=16.6km az=65.0

IDC 26 23:09:57.0±1.2, 3°90'N, 123°07'E, h57km, 15km, mb3.0/9, mbtmp4.2/1.1, Error ellipse: s-maj=39.4km s-min=10.4km az=64.0

ISC 26 23:09:56.5±0.6, 3°84'N, 0°09'±122°9'E:0.1, h573km, n34, α1515/37, mb3.9/1.4, Celebes Sea

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TOLJ Tolitoli, DAV Davao City (W), TINTI Lahad Datu, etc.

ASAR Alice Springs 29.35 159 P P 23 15 14.5 +0.3

ASAR Alice Springs 29.35 159 P P 23 15 14.5 +0.3

ASAR Alice Springs 29.35 159 P P 23 15 14.5 +0.3

ASAR Alice Springs 29.35 159 P P 23 15 14.5 +0.3

ASAR Alice Springs 29.35 159 P P 23 15 14.5 +0.3

ASAR Alice Springs 29.35 159 P P 23 15 14.5 +0.3

ASAR Alice Springs 29.35 159 P P 23 15 14.5 +0.3

ASAR Alice Springs 29.35 159 P P 23 15 14.5 +0.3

AFAD 26 23:29:04.0, 35°69'N, 27°31'E, h59km, 35km, ML1.9

ISC 26 23:29:05.5, 35°84'N, 27°41'E, h19km, ML2.0/9, Decedane Islands

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KARP Karpathos.

27d 0h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KARF, ARG, YAZI, etc.

JMA 26 23:55:09.2, 0.35, 62N, 137.04E, h9km, MD3.1, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm...

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

SDD 27 00:12:07.9, 2.5, 17.62N, 68.50W, h25km, 67km, MD3.1, ML2.3, MW2.7, Presumed earthquake...

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

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LOVI, LOVI, LOUUI, etc.

JMA 27 00:24:39.9, 0.2, 25.2N, 122.4E, h0km, MV3.4/8, TAIWAN REGION...

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TWB1, TWB1, TWB1, etc.

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PDSI, PPI, KRJI, etc.

IDC 27 00:43:37.4, 0.5, 2.20N, 127.16E, h0km, mb4.4/19, mbmp4.4/19, MS3.2/20, Error ellipse: s-maj=32.4km...

DJA 27 00:43:42.0, 0.4, 2.2N, 127.2E, h10km, M4.5/17, mb4.7/6, mB5.3/3, MLV4.4/17, Mw(mB)4.7/3...

GFZ 27 00:43:43.7, 0.5, 2.2N, 127.2E, h40km, M4.6/18, mb4.6/18, Error ellipse: s-maj=10.8km, s-min=6.5km...

NEIC 27 00:43:44.6, 1.3, 2.08N, 127.16E, h48km, mb4.6/48, Error ellipse: s-maj=9.8km, s-min=3.7km...

ISC 27 00:43:43.0, 0.3, 2.19N, 127.17E, h35km, m14/7, s=129/141, mb4.6/60, MS3.2/20, Northern Molucca Sea...

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

27d 2h

Table of astronomical observations for 27d 2h, listing objects like KKAR Karatay Array, NIL Nilore, ARTI Arti, and various ARCES and ASAR stations with their coordinates and observation times.

KRSC 27 00:58:56.6:0.9, 54.95N:162.42E, h61km, 21km, M1.4, MOS 27 00:58:58.0:0.6, 54.98N:162.35E, h61km, mb4.1/1, Error ellipse: s-maj=1.6, s-min=4.7, slow=7.2, SNR=5.1

IDC 27 00:59:02.5:2.5, 55.04N:161.97E, h88km, 24km, mb3.3/10, mbmp3.6/11, MS2.7/5, Error ellipse: s-maj=27.0km, s-min=17.5km, az=144.0

ISC 27 00:58:58.9:1.0, 54.97N:0.003:162.40E:0.003, h52km, 10km, n105, s128/131, mb3.5/10, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h, m, s, ISC. Lists stations like MKZ, KBTR, BZGR, ZLZ, etc.

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Main table of astronomical observations for 2020 AUG, listing objects like SRDR Sredinnyy, BKI Bering, ESO Esso, and various ARCES and ASAR stations with their coordinates and observation times.

1530

Table of astronomical observations for 1530, listing objects like WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, and ARCES ARCES Array B.

NEIC 27 01:59:09.7:0.9, 18.0S:0.1:178.0W:0.1, h644km, 13km, mb4.2/21, Error ellipse: s-maj=21.3km, s-min=14.5km, az=59.0

IDC 27 01:59:10.1:1.3, 17.87S:178.12W, h658km, 21km, mb3.3/5, mbmp4.4/8, Error ellipse: s-maj=41.9km, s-min=16.1km, az=13.0

ISC 27 01:59:09.7:0.9, 18.0S:0.1:178.0W:0.1, h650km, n35, s071/39, mb4.2/17, 2D, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h, m, s, ISC. Lists stations like MSVF Nonsavu, AFI Afamalu, MARNC Mare, LOYALTY 13.57 253, etc.

IDC 27 02:00:41.8:0.7, 51.42N:177.77E, h0km, mb4.2/24, mbmp4.3/28, ML4.9/4, MS3.2/34, Error ellipse: s-maj=20.8km, s-min=11.9km, az=3.0

MOS 27 02:00:42.0:1.0, 51.21N:177.63E, h17km, mb4.6/24, Error ellipse: s-maj=10.7km, s-min=7.5km, az=107.8

NEIC 27 02:00:42.1:1.0, 51.01N:177.54E:0.08, h10km, 1km, mb4.7/35, ML4.4/14, ML4.2(AEIC), Error ellipse: s-maj=11.4km, s-min=7.3km, az=155.0

GFZ 27 02:00:43.3:0.4, 51.1N:177.8E:1.1, h10km, M4.7/25, mb4.7/25, confirmed

AEIC 27 02:00:45.6:1.7, 50.92N:0.07:177.62E:0.08, h25km, 4km, Error ellipse: s-maj=10.0km, s-min=7.4km, az=175.0

ISC 27 02:00:42.8:0.9, 51.07N:0.06:177.69E:0.03, h16km, 5km, n151, s135/374, mb4.6/223, MS3.3/34, 19C-10D, TR

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h, m, s, ISC. Lists stations like LSSA Little Sitkin, LSSE Little Sitkin, LSNW Little Sitkin, etc.

Table with columns: ARTI, Arti, 61.76 327, LR, LR, 02 40 48.4, etc. Includes entries like Paradox Valley, Mesa Verde, Zalesovo Beam, etc.

Table with columns: ARTI, Arti, 61.76 327, LR, LR, 02 40 48.4, etc. Includes entries like SORM Soroca, KOLS Kolonicki, VRAC Vranco, etc.

Table with columns: ARTI, Arti, 61.76 327, LR, LR, 02 40 48.4, etc. Includes entries like SORM Soroca, KOLS Kolonicki, VRAC Vranco, etc.

BOSA	Boshof	149.47	307	PKPdf	PKPdf	02 20 24.9	-1.6
BELA	Belgrano 2	150.58	167	PKPab	PKPab	02 20 40.7	+1.7

NOU 27 02:08:23.1, 38.725:176.68E, h53km, MLv3.5/14, North Island, New Zealand
WEL 27 02:08:23.4, 0.8, 39 S, 4.177E, h52km, 8km, M3.1/58, ML2.9/23, MLv3.1/58, Error ellipse: s-maj=5.2km s-min=4.8km az=92.1, confirmed
ISC 27 02:08:22.9, 1.3, 38.94S, 0.03E, 176.50E, 0.03, h71km, 6km, n118, 0.1511/124, North Island

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
MUGZ	Murupara	0.21 39	Op Pn	02 08 33.3	-0.4
MUGZ	MUGZ		S S	02 08 40.6	-1.0
ALRZ	Allen Road	0.22 292	P Pn	02 08 33.6	-0.2
ALRZ	ALRZ		AML AML		
MRHZ	Matea Rd	0.24 217	P S	02 08 34.0	+0.1
MRHZ	MRHZ		AML AML	02 08 42.0	0.0
MTHZ	Maungataniwha	0.28 138	P S	02 08 34.3	+0.2
MTHZ	MTHZ		AML AML	02 08 42.5	+0.1
RTZ	Ruatahuna	0.30 85	P Pn	02 08 34.2	-0.1
RTZ	RTZ		S S	02 08 42.5	-0.1
RRRZ	Republican Roa	0.31 348	AML AML	02 08 33.9	-0.4
RRRZ	RRRZ		AML AML		
RRRZ	RRRZ		AML AML		
HRRZ	Handcock Road	0.35 316	P Pn	02 08 34.4	-0.2
HRRZ	HRRZ		AML AML		
TARZ	Mount Tarawera	0.41 350	AML AML	02 08 35.0	-0.2
TARZ	TARZ		AML AML		
HSRZ	Hossack Road	0.43 320	P Pn	02 08 35.2	0.0
HSRZ	HSRZ		AML AML		
HLRZ	Highlands Stat	0.43 334	AML AML	02 08 35.3	0.0
HLRZ	HLRZ		AML AML		
RAHZ	Arahi	0.47 126	P S	02 08 36.2	+0.6
RAHZ	RAHZ		AML AML	02 08 46.2	+1.3
RRRZ	Galatos Road	0.48 307	P Pn	02 08 35.9	+0.2
RRRZ	RRRZ		AML AML		
NMHZ	Naumai	0.48 160	P S	02 08 36.9	+1.1
NMHZ	NMHZ		AML AML	02 08 47.5	+2.4
WHZ	Whakaora	0.50 267	P Pn	02 08 36.5	+0.6
WHZ	WHZ		AML AML		
BKZ	Black Stump Fm	0.53 189	P Pn	02 08 36.5	+0.3
BKZ	Black Stump Fm	0.53 189	P Pn	02 08 46.8	+1.1
EDRZ	Edgecumbe	0.55 12	P Pn	02 08 35.8	-0.6
EDRZ	EDRZ		AML AML		
URZ	Urewera	0.56 47	P S	02 08 35.7	-0.6
URZ	Urewera	0.56 47	P S	02 08 35.8	-0.5
URZ	URZ		AML AML	02 08 45.0	-1.2
UTU	Utuhina	0.56 326	P Pn	02 08 36.6	+0.1
UTU	UTU		AML AML		
KUTZ	Kaahu Road	0.63 284	P Pn	02 08 37.3	+0.2
KUTZ	KUTZ		AML AML		
NGRZ	Ngongotaha	0.63 329	P Pn	02 08 37.3	+0.1
NGRZ	NGRZ		AML AML		
RAGZ	Rawiri	0.66 77	P Pn	02 08 37.6	+0.1
RAGZ	RAGZ		AML AML		
MARZ	Manawahe	0.66 5	P Pn	02 08 36.9	-0.6
MARZ	MARZ		AML AML		
WHZ	Waihua	0.66 131	P Pn	02 08 38.4	+1.0
WHZ	WHZ		AML AML		
RITZ	Rihia Road	0.67 240	P Pn	02 08 38.3	+0.8
RITZ	RITZ		AML AML		
WATZ	Wairara	0.68 264	P Pn	02 08 38.0	+0.3
WATZ	WATZ		AML AML		
RATZ	Rangitukua	0.68 251	P Pn	02 08 38.1	+0.4
RATZ	RATZ		AML AML		
ARHZ	Aropanouii	0.69 154	P Pn	02 08 39.1	+1.3
ARHZ	ARHZ		AML AML		
KWHZ	Kaweka Forest	0.79 190	P Pn	02 08 40.0	+1.0
KWHZ	KWHZ		AML AML		
MWZ	Matawai	0.79 67	P Pn	02 08 38.7	-0.3
MWZ	MWZ		AML AML		
OPRZ	Ohinepanea	0.80 358	P Pn	02 08 38.2	-0.8
OPRZ	OPRZ		AML AML		
MCHZ	McNeill Hill	0.80 175	P Pn	02 08 40.7	+1.6
MCHZ	MCHZ		AML AML		
WHRZ	Whale Island	0.84 21	P Pn	02 08 39.2	-0.3
WHRZ	WHRZ		AML AML		
TMVZ	Te Maari	0.84 236	P Pn	02 08 40.3	+0.7
TMVZ	TMVZ		AML AML		
ETVZ	East Tongariro	0.85 234	P Pn	02 08 40.4	+0.7
ETVZ	ETVZ		AML AML		
KRVZ	Karewarewa	0.87 239	P Pn	02 08 40.8	+0.8
KRVZ	KRVZ		AML AML		
TLZ	Tolley Road	0.89 290	P Pn	02 08 40.3	+0.2
TLZ	TLZ		AML AML		
OTVZ	Oturere	0.90 234	P Pn	02 08 41.0	+0.7
OTVZ	OTVZ		AML AML		
RIGZ	Rimuhau	0.91 94	P Pn	02 08 41.4	+1.0
RIGZ	RIGZ		AML AML		
WTVZ	West Tongariro	0.92 239	P Pn	02 08 41.4	+0.8
WTVZ	WTVZ		AML AML		
KNZ	Kokohu	0.92 115	P Pn	02 08 42.4	+1.9
KNZ	KNZ		AML AML		
SNVZ	South Ngauruhoe	0.92 234	P Pn	02 08 41.4	+0.7
SNVZ	SNVZ		AML AML		
BHZ	Black Hill Sta	0.94 206	P Pn	02 08 41.6	+0.8
BHZ	BHZ		AML AML		
NGZ	Ngauruhoe	0.94 235	P Pn	02 08 41.8	+0.9
NGZ	NGZ		AML AML		
TUVZ	Tukino	0.96 229	P Pn	02 08 41.9	+0.7
TUVZ	TUVZ		AML AML		
COVZ	Chateau Observ Te Karaka	0.99 236	P Pn	02 08 42.2	+0.7
COVZ	COVZ		AML AML		
TKGZ	Taurewa	1.00 244	P Pn	02 08 42.0	+0.4
TKGZ	TKGZ		AML AML		
MOVZ	Moawhango	1.01 221	P Pn	02 08 42.1	+0.5
MOVZ	MOVZ		AML AML		
WHVZ	Whangaehu Hut	1.01 231	P Pn	02 08 42.5	+0.6
WHVZ	WHVZ		AML AML		
KRHZ	Kereru	1.01 190	P Pn	02 08 42.6	+0.9
KRHZ	KRHZ		AML AML		
FWVZ	Far West T-bar	1.02 233	P Pn	02 08 42.7	+0.8
FWVZ	FWVZ		AML AML		
MAVZ	Matarangi	1.02 232	P Pn	02 08 42.8	+0.7
MAVZ	MAVZ		AML AML		
WNVZ	Wahianoa	1.04 228	P Pn	02 08 42.7	+0.7
WNVZ	WNVZ		AML AML		
PRGZ	Paritu Road	1.04 106	P Pn	02 08 43.1	+1.1
PRGZ	PRGZ		AML AML		
TRVZ	Turoa	1.05 231	P Pn	02 08 42.9	+0.6
TRVZ	TRVZ		AML AML		
CKHZ	Cape Kidnapper	1.08 160	P Pn	02 08 43.3	+0.9
CKHZ	CKHZ		AML AML		
RUGZ	Raukumara Rang	1.09 52	P Pn	02 08 41.9	-0.7

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
RUGZ	Mahia Peninsula	1.14 117	AML Pn	02 08 43.5	+0.3
MHGZ	MHGZ		AML Pn		
MTVZ	Mangateitei	1.15 230	AML Pn	02 08 44.2	+0.8
MTVZ	MTVZ		AML Pn		
KAHZ	Kahurangi	1.17 169	AML Pn	02 08 44.4	+0.7
KAHZ	KAHZ		AML Pn		
PKVZ	Pokaka	1.17 236	AML Pn	02 08 44.4	+0.8
PKVZ	PKVZ		AML Pn		
TWVZ	Tauwharepae	1.18 67	AML Pn	02 08 45.7	+1.9
TWVZ	TWVZ		AML Pn		
TOVZ	Tahuroa Road	1.25 316	AML Pn	02 08 44.8	+0.2
HAZ	Te Kahe	1.29 47	P Pn	02 08 44.2	-0.8
HAZ	HAZ		AML Pn		
PNHZ	Pukenui	1.31 194	P Pn	02 08 45.7	+0.3
PNHZ	PNHZ		AML Pn		
HIZ	Hauti	1.37 275	P Pn	02 08 46.9	+0.7
HIZ	Hauti	1.37 275	P Pn	02 09 05.1	+1.4
HIZ	Hauti	1.37 275	P Pn	02 08 47.0	+0.8
PAVZ	Pawanui	1.40 172	P Pn	02 08 46.6	0.0
PUZ	Puketiti	1.42 67	P Pn	02 08 47.5	+0.6
WPHZ	Waipukurau	1.43 185	P Pn	02 08 47.4	+0.5
WPHZ	WPHZ		AML Pn		
TSZ	Takapari Road	1.50 199	P Pn	02 08 48.1	+0.2
TSZ	TSZ		AML Pn		
VRZ	Verā Road	1.51 251	P Pn	02 08 49.2	+1.1
PRHZ	Porangahau	1.62 179	P Pn	02 08 49.4	-0.1
PRHZ	PRHZ		AML Pn		
WMGZ	Waiomatatini S	1.65 61	AML Pn	02 08 50.4	+0.6
WMGZ	WMGZ		AML Pn		
WAZ	Wanganui	1.67 228	P Pn	02 08 51.8	+1.6
DVHZ	Dannevirke	1.69 191	P Pn	02 08 51.3	+0.9
DVHZ	DVHZ		AML Pn		
MXZ	Matakaoa Point	1.73 52	P Pn	02 08 52.2	+1.3
MXZ	Matakaoa Point	1.73 52	P Pn	02 09 12.8	+0.7
MXZ	Matakaoa Point	1.73 52	P Pn	02 08 52.0	+1.1
LREZ	Lake Rotokare	1.89 244	P Pn	02 08 55.0	+1.9
MKAZ	Moumaki	1.91 323	P Pn	02 08 53.7	+0.4
PRWZ	Porirua	1.97 194	P Pn	02 08 54.6	+0.4
PRWZ	PRWZ		AML Pn		
BFZ	Birch Farm	2.06 187	P Pn	02 08 54.2	-1.1
BFZ	Birch Farm	2.06 187	P Pn	02 09 17.8	-2.2
BFZ	Birch Farm	2.06 187	P Pn	02 08 54.4	-0.4
KHEZ	Kahui Hut	2.12 251	P Pn	02 08 57.1	+0.9
KHEZ	Kahui Hut	2.12 251	P Pn	02 08 58.2	+2.0
ETAZ	East Takamaki Re	2.14 231	P Pn	02 08 57.2	+0.9
ETAZ	ETAZ		AML Pn		
MRZ	Mangatainoka R	2.16 201	P Pn	02 08 55.7	-1.0
TIWZ	Tintock	2.20 194	P Pn	02 08 56.3	-1.0
TIWZ	TIWZ		AML Pn		
AWAZ	Awhitu Peninsula	2.21 315	P Pn	02 08 58.0	+0.6
MBAZ	Motutapu North	2.31 324	P Pn	02 08 59.3	+0.7
MBAZ	MBAZ		AML Pn		
HOWZ	Holdswoth Sta	2.40 200	P Pn	02 08 58.4	-1.6
HOWZ	HOWZ		AML Pn		
OGWZ	Otaki Gorge	2.44 206	P Pn	02 08 59.5	-0.9
OGWZ	OGWZ		AML Pn		
KIW	Kapiti Island	2.57 210	P Pn	02 09 01.2	-1.0
MTW	Mount Morrison	2.65 198	P Pn	02 09 02.1	-1.3
MTW	MTW		AML Pn		
CAW	Cannon Point	2.73 205	P Pn	02 09 03.1	-1.4
CAW	CAW		AML Pn		
TRWZ	Traveller	2.84 194	AML Pn	02 09 03.9	-2.0
TRWZ	TRWZ		AML Pn		
DUWZ	D'Urville Isla	2.98 223	P Pn	02 09 07.3	-0.6
DUWZ	DUWZ		AML Pn		
SNVZ	South Karori	3.04 208	P Pn	02 09 07.5	-1.0
PLVZ	Palliser	3.10 199	P Pn	02 09 07.2	-2.3
PLVZ	PLVZ		AML Pn		
TCW	Tory Channel	3.12 214	P Pn	02 09 07.9	-1.9
TCW	TCW		AML Pn		
WCZ	Waipu Caves	3.24 326	P Pn	02 09 12.1	+0.7
TUWZ	Tuamarina	3.45 215	P Pn	02 09 13.3	-0.9
NMZ	Nelson	3.57 297	P Pn	02 09 19.7	+3.9
TKNZ	Takaka Hill	3.68 228	P Pn	02 09 15.4	-2.0
TKNZ	TKNZ		AML Pn		
BSWZ	Blackbirch Sta	3.71 213	P Pn	02 09 16.6	-1.2
QRZ	Quartz Range	3.82 234	P Pn	02 09 20.5	+1.2
QRZ	Quartz Range	3.82 234	P Pn	02 09 19.2	-0.1
MRNZ	Matariki Terra	4.03 226	P Pn	02 09 20.4	-1.7
THZ	Topohue	4.21 221	P Pn	02 09 22.6	-2.0
KHZ	Kahutara	4.43 211	P Pn	02 09 25.5	-2.1
KHZ	Kahutara	4.43 211	P Pn	02 09 25.1	-2.5
DSZ	Dennistown Nort	4.80 228	P Pn	02 09 34.1	+1.3
LTZ	Lake Taylor	5.28 217	P Pn	02 09 36.9	-2.4

IDC 27 02:14:45.1, 3.6, 27.44N, 140.76E, h492km, 40km, mb2.8/4, mbtmp3.7/5, Error ellipse: s-maj=48.7km s-min=22.4km az=73.0, Bonin Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
MJAR	Matsushiro Arr	9.33 347	Op P	02 16 55.0	-0.2
WRA	Warramunga Arr	47.51 188	P Pn	02 22 35.4	+0.3
ZALV	Zalesovo Beam	48.40 319	P P	02 22 42.5	+1.1
KURB	Kurchatov Arra	51.90 314	P P	02 23 05.3	-1.7
FINES	FINES Array B	77.08 333	P	02 25 48.1	+1.4
LPAZ	La Paz	151.06 73	PKPbc PKPbc	02 33 42.6	-0.9

27d 2h

2020 AUG

1534

ATCC	S	Sb	02 46 41.4 +0.6
ATCC	AML	AML	
comp=N,18750µm,0.4s			
CSP1	AML	AML	
comp=E,21350µm,0.6s			
Cessapalombo	0.31 150	Pg	02 46 34.6 -0.2
CSP1	S	Sb	02 46 40.2 -0.7
CSP1	AML	AML	
comp=E,24450µm,1.1s			
CSP1	AML	AML	
comp=N,23200µm,1.1s			
CSP1	AML	AML	
comp=E,24400µm,1.1s			
MPAG Monte Paganucc	0.32 328	Pg	02 46 34.7 -0.2
MPAG	S	Sb	02 46 40.2 -0.8
MPAG	AML	AML	
comp=N,8890µm,0.7s			
MPAG	AML	AML	
comp=E,8055µm,0.4s			
MPAG	AML	AML	
comp=N,8655µm,0.7s			
MPAG	AML	AML	
comp=E,7485µm,0.4s			
FDMO Fioridimonte	0.33 168	Pg	02 46 35.1 0.0
FDMO	S	Sb	02 46 41.1 -0.3
FDMO	AML	AML	
comp=E,12230µm,0.6s			
FDMO	AML	AML	
comp=N,11145µm,0.7s			
MURB Monte Urbino	0.35 254	Pg	02 46 36.1 +0.6
MURB	S	Sb	02 46 42.6 +0.5
MURB	AML	AML	
comp=E,29550µm,0.9s			
MURB	AML	AML	
comp=N,19950µm,0.4s			
MURB	AML	AML	
comp=N,22150µm,0.4s			
MURB	AML	AML	
comp=E,33250µm,0.9s			
MURB	AML	AML	
comp=N,19950µm,0.5s			
MURB	AML	AML	
comp=E,29550µm,0.9s			
MURB Monte Urbino	0.35 254	Pg	02 46 36.1 +0.6
MURB	Sg	Sb	02 46 42.9 +0.8
MURB	Pg	Pb	02 46 36.3 -0.3
MRSQ Ripe San Gines	0.36 130	Pg	02 46 43.1 +1.1
MRSQ	Sg	Sb	02 46 35.9 +0.2
CESI - Serrava	0.36 190	Pg	02 46 42.5 +0.2
CESI	S	AML	
comp=E,12750µm,1.0s			
CESI	AML	AML	
comp=N,12750µm,1.2s			
CESI	AML	AML	
comp=N,12800µm,1.2s			
CESI	AML	AML	
comp=E,12800µm,1.0s			
CESI	AML	AML	
comp=N,13150µm,1.2s			
CESI	AML	AML	
comp=N,13150µm,0.8s			
CESI	AML	AML	
comp=N,12800µm,0.8s			
MTCL Monte Cavallo	0.37 179	Pg	02 46 35.9 +0.2
MTCL	S	Sb	02 46 42.6 +0.2
PIEI Pieia	0.38 298	Pg	02 46 35.8 -0.1
PIEI	S	Sb	02 46 42.2 -0.4
PIEI	AML	AML	
comp=N,5670µm,0.4s			
PIEI	AML	AML	
comp=E,7730µm,1.5s			
SENI Senigallia	0.39 27	Pb	02 46 37.0 -0.1
SENI	S	Sb	02 46 42.6 -0.3
SENI	AML	AML	
comp=E,41350µm,0.6s			
SENI	AML	AML	
comp=N,42950µm,0.5s			
SENI	AML	AML	
comp=E,8285µm,0.9s			
SENI	AML	AML	
comp=E,8280µm,0.9s			
SENI	AML	AML	
comp=N,11850µm,0.6s			
SENI	AML	AML	
comp=N,43000µm,0.5s			
SENI	AML	AML	
comp=E,8280µm,1.1s			
NARO Abbazia di Nar	0.39 310	Pg	02 46 36.1 0.0
NARO	S	Sb	02 46 43.0 0.0
NARO	AML	AML	
comp=N,7120µm,0.5s			
NARO	AML	AML	
comp=E,6440µm,0.8s			
GUMA Gualdo di Mace	0.39 140	Pg	02 46 36.3 +0.1
GUMA	S	Sb	02 46 42.8 -0.3
GUMA	AML	AML	
comp=E,26550µm,0.5s			
GUMA	AML	AML	
comp=N,25550µm,0.5s			
GUMA	AML	AML	
comp=N,25550µm,0.5s			
GUMA	AML	AML	
comp=E,2870µm,0.6s			
GUMA	AML	AML	
comp=N,25450µm,0.5s			
GUMA	AML	AML	
comp=N,25450µm,1.5s			
GUMA	AML	AML	
comp=N,25550µm,1.5s			
GUMA	AML	AML	
comp=E,26550µm,0.4s			
SAP2 Sant'Angelo in	0.40 132	Pg	02 46 36.5 +0.2
SAP2	S	Sb	02 46 43.7 +0.4
SAP2	AML	AML	
comp=E,15550µm,0.5s			
SAP2	AML	AML	
comp=N,8490µm,0.4s			
SAP2	AML	AML	
comp=E,15600µm,0.5s			
ASSB Assisi San Ben	0.40 217	Pg	02 46 36.7 +0.3
ASSB	S	Sb	02 46 43.9 +0.5
ASSB	AML	AML	
comp=N,8935µm,0.3s			
ASSB	AML	AML	
comp=E,7960µm,0.8s			
ASSB	AML	AML	
comp=E,7960µm,1.2s			
FEMA Monte Fema	0.40 174	Pg	02 46 36.5 +0.1
FEMA	S	Sb	02 46 43.7 +0.2
FEMA	AML	AML	
comp=E,33050µm,1.4s			
FEMA	AML	AML	
comp=N,21850µm,0.6s			
FEMA	AML	AML	
comp=N,21850µm,1.4s			
FEMA	AML	AML	
comp=E,33050µm,0.6s			
TB01 Gubbio	0.41 273	P	02 46 36.7 +0.3
TB01	S	Sb	02 46 44.1 +0.6
ATPC Poggio Castell	0.41 287	Pg	02 46 36.8 +0.3
ATPC	S	Sb	02 46 44.2 +0.7
CRTC Cartoceto	0.41 349	Pg	02 46 36.9 +0.3
CRTC	S	Sb	02 46 43.5 -0.2
CRTC	AML	AML	
comp=N,12670µm,1.0s			
CRTC	AML	AML	
comp=N,13000µm,1.0s			
CRTC	AML	AML	
comp=E,13750µm,0.7s			
CRTC	AML	AML	
comp=N,12675µm,1.0s			
CRTC	AML	AML	
comp=N,13000µm,1.0s			
CRTC	AML	AML	
comp=N,12675µm,1.0s			
CRTC	AML	AML	
comp=E,11215µm,0.9s			
MNTP Montappone	0.42 123	P	02 46 37.1 -0.4
MNTP	S	Sb	02 46 44.4 +0.7
MNTP	AML	AML	
comp=E,21150µm,1.2s			
MNTP	AML	AML	
comp=N,18100µm,0.9s			
MNTP	AML	AML	
comp=N,18100µm,1.1s			
MNTP	AML	AML	

comp=E,21100µm,1.2s			
TB02 Pietralunga	0.42 271	Pg	02 46 37.1 +0.3
TB02	S	Sb	02 46 44.6 +0.6
TB03 Pietralunga	0.42 275	Pg	02 46 37.0 +0.2
FCOR	S	Sb	02 46 37.2 +0.4
FCOR Fonte Corniale	0.43 343	Pg	02 46 44.8 +0.7
FCOR	S	Sb	02 46 37.0 +0.2
AVT- Monte Val	0.43 273	Pg	02 46 37.0 +0.2
AVT	S	Sb	02 46 44.5 +0.4
AVT	AML	AML	
comp=N,6750µm,1.1s			
AVT	AML	AML	
comp=E,5850µm,0.4s			
AVT	AML	AML	
comp=N,6750µm,0.9s			
AVT- Montelove	0.43 264	Pg	02 46 37.2 +0.4
AVT	S	Sb	02 46 44.9 +0.7
Pietralunga -	0.44 282	Pg	02 46 37.3 +0.2
ATPI	S	Sb	02 46 45.6 +1.1
ATPI	AML	AML	
comp=E,6095µm,0.4s			
ATPI	AML	AML	
comp=E,5955µm,0.4s			
ATPI	AML	AML	
comp=N,8760µm,0.8s			
ATPI	AML	AML	
comp=E,6090µm,0.4s			
ATPI	AML	AML	
comp=N,8810µm,0.8s			
ATPI	AML	AML	
comp=E,5955µm,1.6s			
ATPI	AML	AML	
comp=E,6090µm,1.6s			
ATPI	AML	AML	
comp=N,8810µm,1.2s			
ATPI	AML	AML	
comp=N,8760µm,1.2s			
FOPC Foligno Prot C	0.45 208	P	02 46 37.5 +0.4
PP3	S	Pb	02 46 38.0 -0.2
APEC Marolino	0.45 88	Pg	02 46 37.7 +0.2
APEC	S	Sb	02 46 45.8 +0.7
APEC	AML	AML	
comp=N,9575µm,1.3s			
APEC	AML	AML	
comp=E,9285µm,0.9s			
APEC	AML	AML	
comp=E,8200µm,0.8s			
APEC	AML	AML	
comp=N,9620µm,1.3s			
APEC	AML	AML	
comp=N,9620µm,0.7s			
APEC	AML	AML	
comp=E,9285µm,1.1s			
APEC	AML	AML	
comp=N,9850µm,0.8s			
APEC	AML	AML	
PCRO Pietralacroce	0.46 58	P	02 46 37.9 -0.5
PCRO	S	Pb	02 46 46.3 +1.2
MC2 Monte Cornacci	0.47 162	Pg	02 46 37.5 -0.1
MC2	S	Sb	02 46 46.2 +0.6
UMBT Umbertide	0.48 263	Pb	02 46 38.4 -0.2
AOI	S	Pg	02 46 37.6 -0.2
AOI Ancona	0.48 67	Pg	02 46 45.6 -0.1
AOI	S	Sb	
AOI	AML	AML	
comp=N,2985µm,1.1s			
AOI	AML	AML	
comp=N,2985µm,0.9s			
AOI	AML	AML	
comp=E,3285µm,0.4s			
PE3 Peglio	0.49 313	P	02 46 38.3 +0.3
PE3	S	Sb	02 46 47.7 +1.8
PE3	AML	AML	
comp=E,32100µm,0.4s			
PE3	AML	AML	
comp=N,46200µm,0.9s			
CIMA Civitanova Mar	0.50 96	Pb	02 46 39.2 +0.3
IZTMP	P	Pg	02 46 38.7 +0.3
IZTMP	Sg	Sb	02 46 47.5 +1.1
MF5 Montefalcone A	0.51 137	Pg	02 46 38.6 +0.3
MF5	S	Sb	02 46 46.8 +0.4
MF5	AML	AML	
comp=E,9360µm,1.2s			
MF5	AML	AML	
comp=N,12550µm,0.6s			
MF5	AML	AML	
comp=E,9365µm,1.2s			
MC1F Montecalvo in	0.52 330	P	02 46 39.6 +0.3
MMOT	S	Pb	02 46 38.3 -0.4
MMOT Montemonaco	0.52 152	Pg	02 46 47.8 +0.8
MMOT	S	Sb	02 46 38.9 +0.3
BETT Bettina	0.53 225	Pg	02 46 47.9 +1.0
BETT	Sg	Pg	02 46 38.9 +0.2
ATMI Monte Miggiano	0.53 267	Pg	02 46 38.9 +0.2
ATMI	P	Pg	
ATMI	AML	AML	
comp=N,5095µm,0.6s			
ATMI	AML	AML	
comp=N,5140µm,0.9s			
ATMI	AML	AML	
comp=E,5190µm,0.6s			
MNNT Montotone	0.54 124	Pb	02 46 39.4 -0.2
MNNT	S	S	

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like Combarbal, Los Peladeros, San Esteban, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like Llanos de Chal, Sierra Bellavi, Copiapo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like WDLM Western Deep L, HRAO HartRAO, BOSA Boshof, etc.

NEIC 27 03:28:52.6±1.3, 17.9S;0.1x178.4W±0.2, h626km, 7km, mb4.2/10, Error ellipse: s-maj=28.6km s-min=12.3km az=130.0

ISC 27 03:28:53.7±0.7, 17.8S;0.2x178.5W±0.1, h650km, n24, ±109/28, mb3.7/10, Fiji Islands region

IDC 27 03:37:58.1±1.0, 5.50S; 130.20E, h0km, mb4.1/7, mbtmp4.1/10, ML4.1/3, MS3.5/1, Error ellipse: s-maj=42.1km s-min=16.5km az=83.0

ISC 27 03:38:09.2±0.6, 5.95S; 0.06x130.46E±0.08, h124km, n42, ±178/39, mb4.0/10, Banda Sea

MOS 27 03:41:51.1±0.8, 42.44N; 145.10E, h45km, mb4.2/4, Error ellipse: s-maj=12.0km s-min=7.4km az=75.9

NEIC 27 03:41:52.9±0.1, 42.68N; 144.98E, h49km, MW3.7, Moment Tensor Solution, s0 Moment tensor: Scale 10^14 Nm

ISC 27 03:41:53.4±1.0, 42.58N; 0.05x145.03E±0.05, h45km, 8km, n110, ±192/117, mb4.3/2, 2C-9D, Hokkaido region

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AKK, JAK, JKH, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like K29M, I30M, J30M, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like L16K, BOOM, BOOM, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKASG Malin Array Be, AKASG Malin Array Si, AKKB Malin Array Be, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BARC Pacto, Paraso, BARRANCABERMEJ Barrancabermej, etc.

27d 7h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ASAR Alice Springs, SONM Songino Array, CMAR Chiang Mai Arr, etc.

ADC 27 06:38:41.6i.2.25.22.29S:170.72E,h73km,22km,mb4.0/8, mbmp4.3/10,MS3.4/13,Error ellipse: s-maj=30.7km, s-min=16.9km az=176.0

NEIC 27 06:38:41.9i.1.29.22.31S:0.03:170.67E:0.08,h66km,7km, mb4.8/21,Error ellipse: s-maj=11.3km s-min=4.6km az=99.0

NOU 27 06:38:44.1i.22.18S:170.22E,h0km,mb4.9/16,Southeast of Loyalty Islands

ISC 27 06:38:38.0i.0.6.22.39S:0.09:170.74E:0.06,h33km,n68, a1572/61,mb4.7/19,MS3.3/9,4D,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MARNC Mare, Loyalty, YATNC Yarnie plateau, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GQSA South Pole Qui, QSPA South Pole Qui, MAW Mawson, etc.

RSNC 27 06:56:28.1i.0.0.7N:1x7.3W, h146km,2km,M3.4, mb4.8,mb3.8,ML3.0,MM(m)B4.1, IDC 27 06:56:31.4i.6.0.64N:73.55W,h181km,37km,mb2.5/1, mbmp3.0/1,Error ellipse: s-maj=11.410km s-min=40.9km az=72.0

ISC 27 06:56:26.4i.1.0.6.33N:0.03:73.10W:0.05,h155km,26km, n27,a1518/50,Northern Colombia

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

ASAR Alice Springs 149.14 234 PKPbc 07 15 57.6 -1.0

WRA Warramunga Arr 150.36 241 PKPbc PKIKP 07 16 00.6 -0.6

IDC 27 07:00:05.1i.3.6.5474N:83.66E,h0km,mbmp2.5/1, ML2.2.0,Error ellipse: s-maj=28.5km s-min=12.7km

ISC 27 07:00:05.1i.3.6.5474N:83.66E,h0km,mbmp2.5/1, ML2.2.0,Error ellipse: s-maj=28.5km s-min=12.7km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

BUI 27 07:00:39.0i.16.97N:147.86E,h15km,mb5.0/5,mb4.6/30, Ms4.3/1,Ms7.4/0.3

IDC 27 07:00:41.5i.0.7.17.08N:147.36E,h0km,mb4.3/19, mbmp4.3/21,ML4.2/2,MS3.4/3,Error ellipse: s-maj=23.2km s-min=12.0km az=96.0

NEIC 27 07:00:42.4i.1.2.16.93N:0.08:147.5E:0.1,h10km,1km, mb4.9/66,Error ellipse: s-maj=17.0km s-min=13.6km az=109.0

ISC 27 07:00:42.1i.0.4.16.96N:0.06:147.42E:0.08,h10km,n127, a0599/122,mb4.8/51,MS3.5/4,1-C,D,Mariana Islands

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

1546

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like JMJZ Mitsune, JHJ Hachijo jima 2, JH11 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Bananza Creek, Clear Creek Bu, Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR, BBJJ, MBWA, STKA, BBOO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Col San Antoni, Col San Antoni, Col San Antoni, etc.

IDC 27 07:01:06.8, 0.8, 17.06N, 147.27E, h0km, mb4.4/16, mbmp4.4/16, MS3.5/2, Error ellipse: s-maj=27.1km s-min=15.1km az=86.0

NEIC 27 07:01:08.7, 0.8, 17.07N, 147.27E, 0.1, h10km, 1km, mb4.8/57, Error ellipse: s-maj=17.6km s-min=12.2km az=102.0

ISC 27 07:01:07.7, 0.4, 17.04N, 0.06, 147.29E, 0.08, h10km, n102, 0.67E/103, mb4.7/43, Mariana Islands region

IDC 27 07:10:05.8, 3.0, 18.44S, 178.47W, h578km, 25km, mb3.1/5, mbtmp4.0/6, Error ellipse: s-maj=123.4km s-min=29.1km az=156.0, Fiji Islands region

MSVF Nonsauv 3.38 281 P 07 11 25.7 +0.1

STKA Stephens Creek 38.33 242 P 07 16 36.9 -1.4

WRA Warramunga Arr 44.48 260 P 07 17 26.3 -0.6

ASAR Alice Springs 44.59 255 P 07 17 28.4 +0.6

FITZ Fitzroy Crossi 52.88 261 P 07 18 29.4 +0.3

TXAR Lajlajis Array 86.33 58 P 07 21 47.7 -0.1

AEIC 27 07:14:40.7, 2.1, 51.00N, 0.04, 179.17E, 0.07, h9km, 3km, Error ellipse: s-maj=7.0km s-min=5.4km az=113.0

MOS 27 07:14:40.5, 0.9, 51.30N, 179.23E, h23km, mb4.9/55, Error ellipse: s-maj=7.4km s-min=5.6km az=114.4

IDC 27 07:14:41.2, 3.2, 51.25N, 179.22E, h18km, 19km, mb4.4/34, mbtmp4.5/38, ML4.4, MS3.8/56, Error ellipse: s-maj=15.4km s-min=10.3km az=168.0

NEIC 27 07:14:44.1, 1.4, 51.21N, 0.07, 179.22E, 0.06, h35km, 1km, mb4.6/340, ML4.7/14, ML4.4(AEIC), Error ellipse: s-maj=11.7km s-min=6.8km az=184.0

BUI 27 07:14:45.0, 5.1, 53N, 178.88E, h50km, mb5.1/11, mb5.0/42, Ms4.5/5, Ms7.4/37

GFZ 27 07:14:46.0, 0.8, 51.1N, 179.1E, h51km, 7km, Ms5.0/42, mb4.8/42, Error ellipse: s-maj=11.5km s-min=5.3km az=173.5, confirmed

ISC 27 07:14:44.6, 0.6, 51.21N, 0.06, 179.22E, 0.03, h43km, 4km, n608, 0.115/515, mb4.7/22, MS3.8/60, 8C-60, Rat Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AMKA, AMKA, AMKA, etc.

DJA 27 07:05:26.0, 0.3, 2°N, 3°12'E, h10km, M4.1/12, mb4.4/2, ML3.5/9, Northern Molloy Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TNTI, TERNATE, GAMI, etc.

NEIC 27 07:07:01.8, 1.1, 19.1N, 0.1, 164.52W, 0.04, h35km, 2km, ML3.5/34, Error ellipse: s-maj=19.4km s-min=4.6km az=195.0

RSRP 27 07:07:02.0, 19.25N, 64.55W, h40km, 16km, MD3.9/7

ISC 27 07:07:01.7, 2.1, 19.1N, 0.2, 64.51W, 0.05, h42km, n29

27d 8h

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like NOA NORSAR Array B, KSH2 Kashi, HFS Hagfors, etc.

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Main table of seismic events with columns for station name, magnitude, time, and location. Includes events like GNI Garni, MLR Muntele Rosu, WRR Warramunga Arr, etc.

1550

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like BVAR, SAUI Saumlaki, FAKI Fak Fak, WRR Warramunga Arr, etc.

Table with columns: SII, IAML, Station Name, Az, Az', Phase ID, Time Res, Res. Lists stations like OKTU, R17L, PLK1, etc.

Table with columns: MKAR, Makanchi Array, Az, Az', Phase ID, Time Res, Res. Lists stations like MKAR, KURK, KURK, etc.

Table with columns: VLO, VLO, Az, Az', Phase ID, Time Res, Res. Lists stations like VLO, VLO, Evrytania, etc.

ADC 27 08:08:19.5:0.7, 36.71N:141.72E, h0km, mb3.9/10, mbtmp3.9/14, MLC3.4/4, MS2.9/7, Error ellipse: s-maj=15.4km s-min=14.5km az=164.0

ASAR Alice Springs, Az 60.49, Az' 188, Phase P, Time 08:18.31, Res 0.0. Lists other stations like ASAR, ASAR, etc.

VLO VLO, Az 3.9nm, Az' 0.3s, Phase AML, Time 08:15.07, Res 1.3. Lists stations like VLO, VLO, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Lists stations like LK02, LK02, LK02, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOGBACK RIDGE, BOONVILLE, CA, HAMILTON OPENI, CAHOTO PEAK, SNOW MOUNTAIN, IRON PEAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LITTLE HUNTOON, UMPQUA NATIONA, KAISEVILLE, MAIN ARRAY SIT, GREEN LAKE, NONSAVU, NIUE, NIUE, OMAHUTA, AFIMAHUTA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAIOMATATINI S, TE KAHA, PUKETITI, RAUKUMARA RANG, TAUWHAREPAREE, MATAWAI, UREWERA, RAWIRI, PORT MORESBY, WARRAMUNGA ARR, FITZROY CROSSI, SOUTH POLE QUI, etc.

27d 10h

Table with columns: QIZ, Qiongzong, 51.85 301, P, P, 10 09 29.6 +1.0, etc. Lists various locations and their coordinates.

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Table with columns: KLU, Klutina, 81.82 24, Iamb, Iamb, 10 12 42.5, etc. Lists various locations and their coordinates.

1554

Table with columns: ELIB, Yellowknife Ar, 96.10 28, dSP, pP, 10 14 12.3 +1.5, etc. Lists various locations and their coordinates.

WEL 27 10:15:32.40±0.8, 35°57'17.91±1.1, h255km±11km, M3.9/18, mB4.3/4, ML4.0/30, MLV4.0/18, Mw(mB)3.4/4, Error ellipse: s-maj=14.1km s-min=8.8km az=100.8, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station codes and names.

Table with columns for station name, frequency, power, and coordinates. Includes stations like ERM, JEM, KBZ, YAK, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like GUMO, VORD, GIRL, VSR, ANN, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like KIEV, TLCR, TPGR, etc.

1561	LSZ	Lusaka	74.22 245	P	P	12 18 52.9 +0.2
	LSZ	comp=Z,20nm,1.0s			pmax	
	LSZ	Lusaka	74.22 245	P	P	12 18 52.9 +0.2
	C19K	Lookout Ridge	74.48 21	I	Amb	12 18 56.0
	EKA	Esksdalemir Ar	74.81 324	P	P	12 18 55.6 +0.2
	EKA	comp=Z,9.6nm,0.8s,baz=77,slo=5.9,SNR=16			LR	12 57 42.5
	E18K	Tukpahleiric C	74.82 23	I	Amb	12 18 57.2
	ESK	comp=Z,26nm,0.7s				
	F17K	Baldwin Penin	74.98 24	P	P	12 18 56.3 +0.2
	ARPS	Mount Arapiles	75.17 141	P	P	12 19 04.0 +6.3
	D19K	Kuna River	75.23 21	I	Amb	12 19 04.0
	J14K	Nanvaranak Lak	75.50 28	I	Amb	12 19 07.5
	WTWH	Toowoomba 1 Ha	75.84 129	P	P	12 19 03.3 +1.5
	AUTOO	Toowoomba Stat	75.84 129	P	P	12 19 03.4 +1.6
	E19K	Redstone River	75.98 22	I	Amb	12 19 04.0
	F19K	Shaleruckik Mo	76.07 23	P	P	12 19 01.9 -0.5
	F19K	comp=Z,2.1nm,0.8s				
	H17K	Granite Mounta	76.10 25	P	P	12 19 02.6 0.0
	H17K	comp=Z,24nm,0.9s				
	AUBSH	Beerwah State	76.15 127	P	P	12 19 05.0 +1.5
	G18K	Tagagawik	76.17 24	I	Amb	12 19 11.8
	I17K	Unalakek	76.23 26	I	Amb	12 19 09.6
	AUDCS	Dubbo College	76.36 134	P	P	12 19 05.2 +0.6
	L14K	Kulka Creek	76.42 29	I	Amb	12 19 09.6
	J16K	Anvik River	76.52 27	I	Amb	12 19 07.3
	K15K	Wolf Creek Mou	76.54 28	I	Amb	12 19 13.9
	MATP	Matopp	76.56 241	LR	LR	12 50 44.7
	G19K	Purcell Mounta	76.63 23	I	Amb	12 19 11.7
	F20K	Avareat Lake	76.69 22	I	Amb	12 19 07.9
	M14K	Bethel	76.98 29	I	Amb	12 19 10.3
	J17K	VABM Dome	77.09 26	I	Amb	12 19 10.8
	ARMA	Armidale	77.29 131	P	P	12 19 12.1 +2.1
	ARMA	Armidale	77.29 131	P	P	12 19 11.1 +1.1
	ARMA	Armidale	77.29 131	I	Amb	12 19 10.2 +0.2
	ARMA	Armidale	77.29 131	I	Amb	12 19 13.0
	F21K	Alatina River	77.38 22	I	Amb	12 19 11.9
	NEEM	North Greenan	77.42 352	i	P	12 19 09.7 -0.6
	NEEM	comp=Z,42nm,0.8s				
	N14K	Kuskokwak Cree	77.45 30	I	Amb	12 19 37.9
	E22K	Anaktuvuk Pass	77.46 20	I	Amb	12 19 17.3
	G24K	Franklin Bluff	77.55 18	I	Amb	12 19 17.2
	C21K	Allakaket	77.72 22	I	Amb	12 19 13.6
	POGA	Pongola	77.80 233	I	Amb	12 19 29.2
	IMAR	Indian Mountai	77.90 23	P	P	12 19 11.9 -0.9
	KSAN	Kasara	77.98 245	I	Amb	12 19 17.8
	N15K	Kwethluk River	78.09 29	I	Amb	12 19 22.2
	J19K	Pooman	78.19 25	I	Amb	12 19 15.5
	E23K	Chandalar	78.19 20	I	Amb	12 19 20.5
	I20K	Naaghdeneel	78.23 24	I	Amb	12 19 56.7
	D25K	Kavik River	78.45 18	I	Amb	12 19 18.4
	COLD	Coldfoot	78.46 21	P	P	12 19 15.9 0.0
	COLD	Coldfoot	78.46 21	I	Amb	12 19 22.3
	AUMTS	Mit Stromlo	78.54 136	P	P	12 19 18.0 +1.2
	CAN	Canberra	78.54 136	P	P	12 19 22.6 +5.8
	CAN	Canberra	78.54 136	P	P	12 19 18.0 +1.2
	MGCD	Mangrove Creek	78.61 134	P	P	12 19 17.2 +0.1
	CNB	Canberra Magne	78.76 136	P	P	12 19 18.9 +0.8
	H22K	Ishatillina Cre	78.78 22	I	Amb	12 19 20.2
	G23K	Banzan Creek	78.80 21	I	Amb	12 19 20.1
	I21K	Tanana	78.95 23	I	Amb	12 19 21.2
	C27K	Jago River	79.02 17	I	Amb	12 19 25.9
	F24K	Squaw Lake	79.04 20	I	Amb	12 19 21.6
	BORG	Borgarnes	79.11 337	LR	LR	12 55 51.5
	SUMG	Summit	79.15 347	I	Amb	12 19 21.8
	L19K	White Mountain	79.38 26	I	Amb	12 19 28.6
	E25K	Arctic Village	79.41 19	I	Amb	12 19 27.7
	H23K	Yukon River	79.45 22	I	Amb	12 19 28.0
	MLY	Manley	79.47 23	I	Amb	12 19 24.2
	G24K	Hadweenz Riv	79.65 21	I	Amb	12 19 29.0
	F25K	Christina Riv	79.70 19	I	Amb	12 19 30.0
	CAST	Castle Rocks	79.84 25	P	P	12 19 23.3 -0.3
	CAST	Castle Rocks	79.84 25	I	Amb	12 19 25.7
	SDPT	Sand Point	80.00 34	I	Amb	12 19 30.9
	PPLA	Purkeypile	80.08 25	I	Amb	12 19 32.4
	F26K	Sheenjek River	80.09 19	I	Amb	12 19 31.8
	PM7K	Burnt Mountain	80.12 19	P	P	12 19 26.8 +1.7
	B1AR	Kvichak River	80.16 29	I	Amb	12 19 30.7
	N19K	Bonanza Creek	80.22 27	I	Amb	12 19 36.3
	NEA2	Nenana	80.31 23	I	Amb	12 19 31.7
	F27K	Fort Yukon	80.45 20	I	Amb	12 19 34.4
	EYKU	Coleen River	80.53 18	I	Amb	12 19 33.8
	COLA	College	80.58 22	P	P	12 19 28.9 +1.5
	COLA	College	80.58 22	P	P	12 19 27.4 0.0
	COLA	College	80.58 22	P	P	12 19 27.4 0.0
	COLA	College	80.58 22	P	P	12 19 27.4 0.0
	COLA	College	80.58 22	P	P	12 19 27.4 0.0
	CHGN	Chignik	80.60 32	I	Amb	12 19 31.4
	G26K	Porcupine Riv	80.67 20	I	Amb	12 19 35.5
	SKNT	Chernabura Is	80.69 34	I	Amb	12 19 35.1
	SKA	Skwentna	80.82 26	I	Amb	12 19 34.0
	E28M	Babage River	80.83 17	I	Amb	12 19 36.1
	L22K	Petersville	80.83 25	I	Amb	12 19 34.3
	ESDC	Sonsecia Array	80.84 309	P	P	12 19 29.3 -0.2
	ESDC	Sonsecia Array	80.84 309	PP	PP	12 22 33.8 +0.4
	ESDC	Sonsecia Array	80.84 309	LR	LR	12 22 33.8 +0.4
	ESDC	Sonsecia Array	80.84 309	LR	LR	12 22 33.8 +0.4

ESDC	Sonsecia Array	80.84 309	P	P	12 19 29.5 +0.1
ESDC	comp=Z,5.6nm,1.0s				
MCK	McKinnon Array	80.85 23	I	Amb	12 19 36.6
ILAR	Eielsen Array	80.97 22	P	P	12 19 27.9 -1.6
ILAR	comp=Z,11nm,0.7s,baz=312,slo=6.2,SNR=103				
ILAR	Ilars	80.97 22	P	P	12 22 32.4 -1.3
ILAR	comp=Z,2.1nm,0.8s,baz=293,slo=5.6,SNR=4.5				
ILAR	Ilars	80.97 22	P	P	12 19 28.0 -1.6
ILAR	comp=Z,11nm,0.7s				
PRP	Porcupine Dome	80.99 21	I	Amb	12 19 32.2
RND	Reindeer	81.06 24	I	Amb	12 19 35.3
LRBT	Lobates	81.10 238	LR	LR	12 54 22.4
F28M	Old Crow	81.40 18	I	Amb	12 19 38.2
E29M	Blow River	81.42 17	I	Amb	12 19 38.4
J25K	Salcha River	81.59 22	I	Amb	12 19 37.6
KOUNC	Koumac, New Ca	81.72 16	I	Amb	12 19 50.6
H27K	Steamboat Moun	81.82 20	I	Amb	12 19 40.7
I26K	Coal Creek Min	81.90 21	I	Amb	12 19 41.4
PBRG	Braganca	81.95 312	eP	P	12 19 35.3 0.0
PBRG	comp=Z,1.9nm,1.7s				
PMR	Palmer	81.99 25	P	P	12 19 36.7 +1.7
PMR	comp=Z,2.7nm,0.8s				
RC01	Rabbit Creek A	82.03 26	P	P	12 19 34.6 -0.6
RC01	comp=Z,2.6nm,0.8s				
SLKM	Skilak Lake	82.16 27	I	Amb	12 20 07.3
RES	Resolute Bay	82.26 2	LR	LR	12 58 16.5
G29M	Pine Creek	82.40 18	I	Amb	12 20 02.8
SII	Sitkinak Islan	82.53 31	P	P	12 19 39.7 +1.8
SII	Sitkinak Islan	82.53 31	I	Amb	12 19 44.3
F30M	Barrier River	82.53 17	I	Amb	12 19 44.2
SCM	Sheep Creek Mo	82.55 25	P	P	12 20 10.0
OHAK	Old Harbor	82.60 30	P	P	12 19 39.6 +1.4
OHAK	Old Harbor	82.60 30	I	Amb	12 19 45.0
INK	Inuvik	82.61 16	P	P	13 01 25.2
INK	Inuvik	82.61 16	P	P	12 19 38.2 +0.1
INK	Inuvik	82.61 16	P	P	12 19 38.2 +0.1
INK					

Table of astronomical observations for 27d 14h, listing stations like GUN, PKI, PKIN, etc., and their corresponding data points.

Table of astronomical observations for 2020 AUG, listing stations like ARCES, ASAR, GERES, etc., and their corresponding data points.

Table of astronomical observations for 1564, listing stations like VTX, ALAMX, SV2X, etc., and their corresponding data points.

27d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG Matias Romero, VDA Vanda, VNB Dimboko, etc.

IDC 27 14:27:10.6-0.6, 17:27S; 173.90W, h0km, mb4.2/11, mbtmp4.0/5, ML3.9/1, MS3.4/9, Error ellipse: s-maj=20.9km s-min=11.8km az=126.0

NEIC 27 14:27:11.4, 2.8, 17.34S; 0.07:173.51W; 0.10, h10km, 1km, mb4.6/11, Error ellipse: s-maj=15.7km s-min=11.3km az=261.0

ISC 27 14:27:11.0-0.5, 17:29S; 0.06:173.50W; 0.08, h10km, n55, r172/43, mb4.4/16, MS3.6/6, Tonga Islands

Main table of station data for the 27d 14h period, including stations like AFI Afiamalu, AFI Afiamalu, NIUE Niue, etc.

2020 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IMAR Indian Mountain, BMAR Burnt Mountain, ATAH Atahualpa, etc.

IDC 27 14:30:36.4:1.4, 33:28S; 179:05W, h0km, mb3.9/4, mbtmp4.0/5, ML3.9/1, MS3.1/1, Error ellipse: s-maj=39.8km s-min=30.4km az=76.0

WEL 27 14:30:45.5:1.0, 34:5.9; 17:9W; 1.4, h255km, 19km, M4.3/8, mb4.5/2, ML4.2/21, MLV4.3/8, Mw(mb)3.7/2, Error ellipse: s-maj=18.8km s-min=10.6km az=106.1, confirmed

ISC 27 14:30:43.9:1.2, 33:65S; 0.08:179.0W; 0.11, h48km, n34, c203/47, mb3.9/4, South of Kermadec Islands

Main table of station data for the 2020 AUG period, including stations like MATAKAOA Point, Waionatani S, Te Kaha, Raukumara Rang, etc.

AGNA Agios Nikolaos 0.99 2 Op P 14 31 04.8 +0.0

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

1568

Main table of station data for the 1568 period, including stations like ANOYIA, GAVDHOS, VAMOS, etc.

PRE 27 14:31:34.2:0.9, 27:80S; 23:19E, h0km, ML2.7, Suspected explosion

BGSI 27 14:31:57.0:1.2, 26:26S; 23:38E, h0km, 9km, ML2.4, Presumed earthquake

ISC 27 14:31:35.7:1.0, 27:87S; 0.04:23.26E; 0.06, h0km, n18, r1539/28, South Africa

Main table of station data for the 1568 period, including stations like BOSHO, BOSHOF, BRAK, etc.

JSN 27 14:38:18.2:0.5, 18:24N; 77:84W, h7km, 4km, MD2.7, Confirmed Earthquake

SSNC 27 14:38:18.1:1.6, 18:33N; 77:83W, h7km, 14km, MD3.3

27d 15h

2020 AUG

1570

Table with columns for station name, frequency, power, and other technical details. Includes stations like Montappone, Monte Fema, Monte Cavallo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GAVE, TERAMO, ARVED, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SENI, TRN1, CESH, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, WCS, Beigang Elemen, 1.61 253, Pn, 15 17 47.9 +0.9

TAP 27 15:17:19.0, 24°58N; 122°59E, h101km, ML3.1, C
JMA 27 15:17:19.0, 24°58N; 122°59E, h101km, ML3.1, C

Main table listing station data for 2020 AUG, including codes like JYNG, EOS2, EOS3, YOJ, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, WCS, Beigang Elemen, 1.61 253, Pn, 15 17 47.9 +0.9

NIED 27 15:19:26.7, 35°41'N, 133°84'E, h11km, MW3.6, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, WCS, Beigang Elemen, 1.61 253, Pn, 15 17 47.9 +0.9

IDC 27 15:20:30.0, 3.1, 19°14'S; 169°43'E, h219km, 24km, mb3.7/6,
bmtmp4.2/7, MS2.9/2, Error ellipse: s-maj=28.9km

Main table listing station data for 2020 AUG, including codes like RTV, MARNC, YATNC, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, WCS, Beigang Elemen, 1.61 253, Pn, 15 17 47.9 +0.9

IDC 27 15:20:59.0, 0.9, 8°20'S; 128°16'E, h0km, mb3.9/6,
bmtmp4.0/9, ML4.2/3, Error ellipse: s-maj=41.1km

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, WCS, Beigang Elemen, 1.61 253, Pn, 15 17 47.9 +0.9

NEIC 27 15:21:01.7, 1.6, 8°46'S; 0°03', 127°97'E; 0.06, h21km, 6km,
mb4.4/6, Error ellipse: s-maj=9.0km, s-min=3.1km, az=74.0

Main table listing station data for 2020 AUG, including codes like SAUI, FITZ, WRA, etc.

IDC 27 15:25:40.4, 1.8, 34°35'N; 25°87'E, h0km, mb3.8/7,
bmtmp3.7/11, ML3.5/4, MS2.6/3, Error ellipse:
s-maj=37.7km, s-min=12.1km, az=30.0

Main table listing station data for 2020 AUG, including codes like ZKR, ARMA, CMSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GVD, Gavdhos, Gavdos, VAMOS, etc.

IDC 27 15:40:13.9, 18.0, 2.95N:04.47E, h0km, mb3.2/2, mbmp3.3/3, ML3.5/1, MS2.9/1, Error ellipse: s-maj=484.0km s-min=33.3km az=80.0

DJA 27 15:40:23.0, 3.4, 1.2, 2.9, 9.6E:1, h10km, M4.2/22, MB4.9/4, mb4.5/10, ML4.0/22, Mw(MB)4.2/4

ISC 27 15:40:23.3, 1.9, 4.05N:0.08, 95.8E:0.1, h10km, n19, e207/12, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSLI, BSI, TPTI, LHMI, etc.

IDC 27 15:50:05.7, 0.8, 18.20N:09.12E, h0km, mb4.0/11, mbmp4.0/12, ML3.6/1, MS3.0/5, Error ellipse: s-maj=22.3km s-min=14.0km az=39.0

NDI 27 15:50:06.8, 3.1, 17.66N:94.63E, h30km, ML4.1, Presumed earthquake

BKK 27 15:50:09.6, 1.5, 18.1N:4.9E:1.3, h10km, M3.8/17, mb4.3/3, Mjma3.4/17, ML4.0/13, Mw(MB)3.4/3, Mw(Mw)3.6/1, MwP4.2/1

NEIC 27 15:50:11.0, 0.9, 18.24N:0.0795:11E:0.08, h33km, 1km, bz=61, Error ellipse: s-maj=11.0km s-min=9.9km az=61

ISC 27 15:50:12.4, 0.6, 18.23N:0.06, 95.20E:0.07, h53km, n65, e152/65, mb4.2/18, MS3.1/4, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, CM02, CM01, etc.

WRA Warramunga Arr 44.77 124 P 15 48 33.0 -4.5

ASAR Alice Springs 46.26 128 P 15 48 44.8 -4.5

ZALV Zalesovo Beam 45.23 45 P 15 53 58.2 +0.7

GERES GRESS Array B 17.35 332 P 15 29 39.9 -3.2

WARR Warramunga Arr 53.98 133 P 15 59 31.8 +0.5

GERES GRESS Array B 70.96 316 P 15 01 25.7 +1.2

NOA NORSAR Array B 71.33 329 LR 15 38 03.6

TOO Toolang 79.22 140 P 15 01 38.1 +1.9

ILAR Eielson Array 84.82 22 P 15 02 41.5 +0.5

ILAR Eielson Array 84.82 22 P 15 02 41.5 +0.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like n147, n184/161, mb4.3/6, etc.

WRA Warramunga Arr 53.98 133 P 15 59 31.8 +0.5

ASAR Alice Springs 56.22 136 P 15 59 48.2 +0.8

ZALV Zalesovo Beam 36.55 350 P 15 57 12.6 -0.3

GERES GRESS Array B 70.96 316 P 15 01 25.7 +1.2

NOA NORSAR Array B 71.33 329 LR 15 38 03.6

TOO Toolang 79.22 140 P 15 01 38.1 +1.9

ILAR Eielson Array 84.82 22 P 15 02 41.5 +0.5

ILAR Eielson Array 84.82 22 P 15 02 41.5 +0.5

GERES GRESS Array B 70.96 316 P 15 01 25.7 +1.2

NOA NORSAR Array B 71.33 329 LR 15 38 03.6

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Cacapava Do Su, Londrina, Braz, Colider, ARAG Araguaiana, MT, Curarehue, BB19B Bebedouro, PLCA Paso Flores, etc.

ISK 27 16:05:45.6, 39°17'N, 41°32'E, h7km, ML2.2/9
AFAD 27 16:05:46.3, 39°21'N, 41°27'E, h7km, 3km, ML2.5
ISC 27 16:05:46.0, 0.9, 39.18N, 0.02, 41.29E, 0.03, h17km, 7km, n23, c032/32, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Varto-Mus, Varto-Mus, KARO Karliova-Bingo, KARO Karliova, KARO Karliova, SLHN Bingol, Solhan, etc.

TEH 27 16:08:53.1, 34°70'N, 45°52'E, h9km, 80km, ML3.1, Presumed earthquake
ISN 27 16:08:55.1, 1.5, 34.72N, 45.54E, h25km, ML3.0, Presumed earthquake
ISC 27 16:08:54.3, 1.2, 34.74N, 0.08, 45.55E, 0.07, h18km, n8, c0574/10, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Dehrash, Ghaleghazi, Khrak, Khrak, Khrak, etc.

IDC 27 16:28:34.0, 1.5, 6.79S, 130.69E, h0km, mb4.0/2, mbmp4.0, 5, ML3.9/3, MS4.7/1, Error ellipse: s-maj=38.0km s-min=16.9km az=81.0

NEIC 27 16:28:39.6, 1.4, 6.92S, 0.05, 130.64E, 0.07, h42km, 12km, mb4.1/6, Error ellipse: s-maj=10.8km s-min=6.9km az=60.0

DJA 27 16:28:43.0, 1.2, 7.2S, 131.1E, h10km, M4.5/20, mb4.5/20, mb5.8/5, MLV4.2/13, Mw(MB)5.3/5

ISC 27 16:28:38.0, 0.7, 6.96S, 0.05, 130.59E, 0.06, h35km, n47, c233/34, mb4.0/6, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Saumlaki, Saumlaki, Saumlaki, Saumlaki, Saumlaki, etc.

ISC 27 16:32:50.9, 0.7, 52°80'S, 140°17'E, h0km, mb4.5/10, mbmp4.5/10, MS4.6/37, Error ellipse: s-maj=42.6km s-min=14.0km az=87.0

NEIC 27 16:32:50.2, 1.2, 52°80'S, 0.08, 140°6'E, 0.2, h10km, 1km, mb4.8/32, Mw5.2/17, Error ellipse: s-maj=22.6km s-min=13.4km az=100.0

GFZ 27 16:32:51.4, 52°78'S, 140°13'E, h13km, Mw5.2/41, Moment Tensor Solution. Moment tensor: Scale: 10^16Nm; M1: 0.48; M2: 1.12; M3: 0.64; M4: 0.29; M5: 7.97; M6: 0.02; Fault plane solution: M6.03739x10^16 NP1: c356.84807, s87.91162, l-0.19477; N2: c356.85516, s89.80535, l-177.91160. Principal axes: T: 8.2641, P1: 33389, Azm221.8327; N: -0.4744, P1g87.9026; Azm92.1776; P: -7.7897, P1g1.6142, Azm311.8705; GFZ 27 16:32:51.4, 0.2, 53°3'x14°0'E, h10km, M4.8/30, mb4.8/30

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Waramungga Arr, Waramungga Arr, Waramungga Arr, Waramungga Arr, Waramungga Arr, etc.

IDC 27 16:32:50.9, 0.7, 52°80'S, 140°17'E, h0km, mb4.5/10, mbmp4.5/10, MS4.6/37, Error ellipse: s-maj=42.6km s-min=14.0km az=87.0

NEIC 27 16:32:50.2, 1.2, 52°80'S, 0.08, 140°6'E, 0.2, h10km, 1km, mb4.8/32, Mw5.2/17, Error ellipse: s-maj=22.6km s-min=13.4km az=100.0

GFZ 27 16:32:51.4, 52°78'S, 140°13'E, h13km, Mw5.2/41, Moment Tensor Solution. Moment tensor: Scale: 10^16Nm; M1: 0.48; M2: 1.12; M3: 0.64; M4: 0.29; M5: 7.97; M6: 0.02; Fault plane solution: M6.03739x10^16 NP1: c356.84807, s87.91162, l-0.19477; N2: c356.85516, s89.80535, l-177.91160. Principal axes: T: 8.2641, P1: 33389, Azm221.8327; N: -0.4744, P1g87.9026; Azm92.1776; P: -7.7897, P1g1.6142, Azm311.8705; GFZ 27 16:32:51.4, 0.2, 53°3'x14°0'E, h10km, M4.8/30, mb4.8/30

GCMT 27 16:32:55.2, 0.1, 52°78'S, 0°01', 140°32'E, 0.01, h12km, Mw5.3/48, Moment Tensor Solution: s103.159; s148.c265; Duration: 1s1 Moment tensor: Scale: 10^17 Nm; M1: 0.07±0.01; M2: 1.7±0.01; M3: 0.09±0.01; M4: 0.13±0.03; M5: 1.0±0.01; M6: 0.02±0.03; Best double couple: M1.01700x10^17 NP1: c356.00000, s88.00000, l-173.00000, l-2.00000. NP2: c356.00000, s88.00000, l-173.00000. Principal axes: T: 1.0520, P1g4.0000, Azm221.0000; N: -0.0700, P1g2.0000, Azm98.0000; P: -0.9820.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Waramungga Arr, Waramungga Arr, Waramungga Arr, Waramungga Arr, Waramungga Arr, etc.

Plg6.0000°, Azm312.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27 16:32:51.1, 0.3, 52°82'S, 0.06, 140°49'E, 0.08, h10km, n187, c1945/149, mb4.9/47, MS4.6/39, 1C-4D, West of Macquarie Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Moorlands, Stephens Creek, Puysegur Point, Canberra, Canberra, Canberra, Canberra, Canberra, etc.

27d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MMRI Maumere, EDFI Ende, PLAI Plampang, etc.

2020 AUG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RONA Rosalia, FINES FINESS Array B, MORC Moravsky Berou, etc.

1574

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KKN kanz=276,slow=0, KKN DMN, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CIS24, ATFO, COR1, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SARZ, KBA, SESA, SBF, SFB, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PPT2, PPT, MT13, PB14, etc.

NEIC 27 17:24:32.2, 2.47:58N, 0:03:92.56W, 0:03, h0km, 2km, mb, Lq2, 9/23, ML3, 0/12, Error ellipse: s-maj=5.1km s-min=3.4km az=146.0

OTT 27 17:24:33.0, 2.47:56N, 92:63W, h0km, MN2, 4/6, Blast, Minnesota, U.S. 129km southeast from Fort Frances, On Mining explosion.

ISC 27 17:24:35.1, 3.7:47.48N, 93:21W, h0km, mbtmp2, 7/2, ML1, 1/1, Error ellipse: s-maj=61.2km s-min=19.7km az=75.0

ISC 27 17:24:31.4, 0.8, 47:53N, 0:03:92.56W, 0:03, h0km, n31, 0:91/35, Minnesota

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like EYMN, E38A, etc.

27d 19h

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like YAK, KUV, KUR, etc.

2020 AUG

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like M20K, KIV, KUR, etc.

1580

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ASAR, WRA, FITZ, etc.

27d 20h

Table of station data for 27d 20h, including station names, codes, and various parameters like elevation and coordinates.

TAP 27.20:20:33.7, 24.75N; 122.90E, h138km, 1km, ML3.4, D
JMA 27.20:20:34.0, 0.3, 25.25N; 122.9E:0.7, h131km, 20km,
MV2/4/16, NW OFF ISHIGAKIJIMA IS
ISC 27.20:20:33.5: 1.7, 24.74N, 0.05s, 122.93E, 0.03,
h136km, 10km, nT0, c0676/119, Taiwan region

Table of station data for the Taiwan region, listing stations like YOJ, YOY, JYNG, etc.

2020 AUG

Main table of station data for 2020 AUG, listing stations like TIPB, HATJ, EWUT, etc.

IDC 27.20:32:39.8: 1.7, 6.69S; 130.82E, h0km, mb3.5/2,
mb20p3.5/4, ML3.7/2, Error ellipse: s-maj=104.9km
s-min=17.8km az=71.0, Banda Sea

Table of station data for the Banda Sea region, listing stations like WRA, ASAR, etc.

NEIC 27.20:39:33.6: 1.2, 25.66N; 0.09; 141.3E: 0.1, h141km, 8km,
mb4.3/30, Error ellipse: s-maj=14.6km s-min=13.3km
az=88.0

IDC 27.20:39:36.0: 2.7, 25.65N; 141.34E, h168km, 22km,
mb3.7/16, mb2km/4, I/20, Error ellipse: s-maj=27.8km
s-min=12.6km az=81.0

JMA 27.20:39:37.5: 0.2, 25.7N; 0.7; 141.1E: 1, h127km, MV4.5/14,
I/O ISLANDS REGION

NIED 27.20:39:37.5, 25.67N; 141.14E, h127km, MW4.0, Moment
Tensor Solution, s1 Moment tensor: Scale 10^15Nm

Table of station data for the I/O Islands region, listing stations like JHH2, CBJ, etc.

1582

Table of station data for 1582, listing stations like BSO3, JMN, JGF, etc.

IDC 27.20:55:33.0: 0.9, 28.04S; 71.77W, h0km, mb4.2/4,
mbmp4.0/8, ML3.8/4, MS3.2/2, Error ellipse: s-maj=26.7km
s-min=17.5km az=92.0

NEIC 27.20:55:35.0: 1.9, 28.05S; 0.04; 71.71W, 0.05, h10km, 1km,
mb4.5/4, ML4.5(GUC), Error ellipse: s-maj=8.1km
s-min=6.7km az=116.0

SJA 27.20:55:35.0: 0.7, 28.04S; 71.50W, h20km, 3km, ML4.0,
MV4.0
GUC 27.20:55:39.1: 0.7, 28.12S; 71.33W, h42km, 2km, ML4.5
ISC 27.20:55:34.1: 1.4, 28.05S; 0.02; 71.57W, 0.04, h10km, 9km,
h105, c1878/129, mb4.4/6, 5C-3D, Near coast of central
Chile

Table of station data for the Chile region, listing stations like AC04, AC05, etc.

1583

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Llanos de Chal, Las Campanas, Copiapo, etc.

2020 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Paz, Paso Flores, Villa Florida, etc.

27d 21h

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

27d 21h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GO03 Copiapo, PB14 IPOC Station P, CO01 Juntas del Tor, etc.

2020 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SIV San Ignacio, TEIG Tepich, SRIG Santa Rosa, etc.

1584

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TPB11 Canela, CNLB Canela, TMB01 Midkiff, etc.

1585

Table with columns: Station, Frequency, Class, Power, and other technical details for stations 1585.

2020 AUG

Table with columns: Station, Frequency, Class, Power, and other technical details for stations 2020 AUG.

27d 21h

Table with columns: Station, Frequency, Class, Power, and other technical details for stations 27d 21h.

27d 21h

Table with columns for station name, frequency, power, and signal quality. Includes stations like HICK Waverly, WVT Smith Brothers, BSUT Blindstream Ca, BMN Battle Mountai, W50A Signal Mountai, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, etc.

1586

Table with columns for station name, frequency, power, and signal quality. Includes stations like VVDA comp=Z,1.2nm,1.3s, VVDA Vanda, VVDA Three Sisters, YMR Madison River, etc.

27d 21h

Table with columns: ILAR, Elision Array, 91.29 346 P, P, 21 52 45.4 -0.4, etc. Lists various astronomical objects and their properties.

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Table with columns: E19K, Redstone River, 95.95 344 P, P, 21 53 06.2 -0.9, etc. Lists astronomical objects and their properties.

1588

Table with columns: NRCA, Norcia, 130.81 52, PKPdf, 21 58 52.2 0.0, etc. Lists astronomical objects and their properties.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WAKE ISLAND Hy, Fitzroy Crossi, Chiang Mai Arr, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Borovoye Array, Geres Geres Array B, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like STKA, STKA Stephens Creek, etc.

IDC 27 22:28:15.7:1.6,5:25S; 151.72E, h58km, 13km, mb3.8/10, mbtmp4.1/11, MS3.2/2, Error ellipse: s-maj=32.8km s-min=12.7km az=120.0

IDC 27 22:55:11.6:0.7,8:89S; 152.80E, h0km, mb4.3/14, mbmp4.4/17, ML3.5/2, MS3.8/30, Error ellipse: s-maj=21.8km s-min=11.4km az=94.0

IDC 27 22:55:12.8:8:89S; 152.51E, h4km, mB4.9/5, mb4.7/27, Ms4.4/4, Ms7.4/4

Main table of station data for the left column, including call signs, frequencies, and technical specifications.

Main table of station data for the middle column, including call signs, frequencies, and technical specifications.

Main table of station data for the right column, including call signs, frequencies, and technical specifications.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MA2 Magadan, GTA2 Gaotai, VVDA Vanda, etc.

SJA 27 23:03:44.5:0.7, 33.96S:72.33W, h19km, 3km, ML3.2, MW3.5

GUC 27 23:03:46.3:0.8, 33.98S:72.29W, h17km, 5km, ML3.4

ISC 27 23:03:45.4:1.4, 33.96S:0.02:72.28W, 0.05, h5km, 10km, n44, c0570/83, 4C-7D, Off coast of central Chile

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like BO03 Pichilemu, MT01 Popeta, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ROCH Pirque, BO02 Sierra Bellavi, etc.

IDC 27 23:12:17.4: 1.1, 5.83S: 149.42E, h73km, 10km, mb3.7/7, mbmp4.1/8, Error ellipse: s-maj=34.8km s-min=13.7km az=123.0

NEIC 27 23:12:19.6: 1.5, 5.88S: 0.08:149.5E, 0.1, h91km, 9km, mb4.3/18, Error ellipse: s-maj=20.5km s-min=2.8km az=123.0

ISC 27 23:12:19.3: 0.6, 5.90S: 0.08:149.5E, 0.1, h100km, n32, c135/36, mb4.1/10, New Britain region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KRVT Keravat, RABL Rabaul, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LHI Lord Howe Isla, LUWI Luwuk, etc.

OSPL 27 23:32:31.7: 1.6, 20.02'N: 70.98W, h0km, 13km, ML2.7, SDD 27 23:32:32.4: 1.7, 19.93N: 70.94W, h10km, 14km, MD2.9, ML2.4, MW2.8, Presumed earthquake

ISC 27 23:32:32.5: 1.3, 20.03N: 0.04: 70.84W, 0.06, h11km, 15km, n16, c076/20, 5C-2D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LUDR Luperon, LOPP Punta Rusia, etc.

SOME 27 23:39:38.7: 38.92N: 70.60E, h5km, ISC 27 23:39:38.6: 3.6, 39.0N: 0.2: 70.55E, 0.08, h10km, n6, c24/16, 14C, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CHM Chikment, CHM 37m, 0.4s, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, S, I, S, C. Includes entries like FAKI Fak Fak, KAIMANA, Papua, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, S, I, S, C. Includes entries like AUNRC North Rockham, LTRZ Lake Taylor, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, S, I, S, C. Includes entries like CLC China Lake, CCCA Mina Array Baa, etc.

IDC 27.23:43:37.4,0.6,20.83S:173.46E,h0km,mb4.3/14, mbmp4.3/17,mb5.6/1,MS3.9/46,Error ellipse: s-maj=21.5km s-min=13.4km az=152.0

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, S, I, S, C. Includes entries like MSVF Nonsavu, MARNC Mare, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, S, I, S, C. Includes entries like ASAR Alice Springs, GENI Geniem, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, S, I, S, C. Includes entries like BMO Blue Mountains, BCAR Beaver Creek, etc.

28th Oh

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like RONA, CONA, KHC, etc.

JMA 27:23:51.35:0.0,2,36:3N:0.5:137.7E:0.4,h2km,3km, MV0.6/15,HIDA MOUNTAINS REGION, Eastern Honshu

JSN 27:23:54:55.6:0.4, 18.13N:76.57W,h24km,4km,MD3.6, Confirmed Earthquake

SSNC 27:23:54:57.0:1.7, 18.19N:76.69W,h15km,11km,MD3.2, ML3.4,MW3.3, Presumed earthquake

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like Greenwich, Stony Hill, Mount Denham, etc.

IDC 28:00:37:07.4:2.8, 30.69S:177.80W,h0km,mb4.0/3, mbmp3.9/4, ML3.0/1, Error ellipse: s-maj=61.8km

IDC 28:00:37:08.1:2.6, 30.70S:177.4W:0.4,h33km,n6, e180R,mb4.1/3, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like Raoul Island, Urewera, etc.

IDC 28:00:40:38.4:1.2, 30.65S:177.91W,h0km,mb3.9/4, mbmp3.9/4, ML3.1/1, Error ellipse: s-maj=33.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like WRA, FINES, etc.

2020 AUG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like RAO, URZ, STKA, etc.

NOU 28:00:50:01.0, 13:31S:173:14W,h96km,mb5.0/22, Samoa Islands Region

GFZ 28:00:51:32.5:0.2, 18.5:4 x 17.9W:, h607km, M4.7/39, mb4.7/39, confirmed

IDC 28:00:51:31.4:0.3, 17.88S:0:06:178.39W:0.06,h600km, n434, s1920/435, mb4.3/172.21C-7D, Fiji Islands region

Main station list table for the 2020 AUG section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like Nonsavu, Futu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like URZ, GRZ, WZC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like ARMA, CTM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like STKA, INKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like HHM, STCH, etc.

1594

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like WRA, GUM, MTN, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like MDPB Devils Postpil, CWC Cottonwood Cre, YBHK Yreka Blue Hor, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like E07A Granite Creek, DUN6 Lazy B Ranch, HAWA Hanford, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like TPB01 comp=2.1,10m,1.4s, GDL2 Guadalupe Moun, LDM Libby Dam, etc.

28d 1h

DRGR	146.32	334	PKPbc	01	10	06.8	-1.4	
CY604	RAF Akrotiri,	146.41	306	PKPbc	01	10	06.7	-1.6
GHAJ	Ghor Haditha	146.50	300	PKPbc	01	10	07.4	-1.5
BORA	Eskisehir	146.80	317	PKPbc	01	10	04.9	-2.6
ZVC	Zvlikov	146.92	345	ePKP	01	10	08.1	-1.2
KHC	Kasperske Hory	147.35	345	ePKP	01	10	09.4	-0.8
GERES	GERESS Array B	147.59	345	PKPbc	01	10	09.9	-0.9
comp=Z, 1.8nm, 0.6s, baz=16, slow=2.8, SNR=19								
VLAD	Vladia	147.66	328	PKPbc	01	10	08.6	-0.9
PLVB	Pleven	147.99	327	PKPbc	01	10	11.1	-0.5
MORH	Miry, Hungar	148.42	337	PKPbc	01	10	11.7	-0.7
RDO	Rodnopi	149.03	323	PKPbc	01	10	13.3	-0.6
KAS	Kas	149.25	312	PKPbc	01	10	13.4	-1.3
FLYR	Banja Luka	150.20	337	PKPbc	01	10	16.6	+0.4
BURN	Ofenpass-Fuorn	150.46	348	PKPbc	01	10	17.4	+0.4
TUE	Stuetta	150.76	349	PKPbc	01	10	18.4	+0.8
KARP	Karpathos	151.31	313	PKPdf	01	10	12.3	+0.5
KEK	Kerkira	153.14	328	PKPdf	01	10	15.6	+1.2
SIP	Tempagrande	155.02	331	PKPdf	01	10	18.2	+1.1
ESDC	Seneca Array	157.75	11	PKPab	01	10	57.4	+0.4
comp=Z, 0.3nm, 0.6s, baz=351, slow=4.3, SNR=2.0								

IDC 28 00:57:18.2±1.0, 22.99N-93.40E, h0km, mb3.6/5, mbmp3.5/6, MS3.2/1, Error ellipse: s-maj=24.9km, s-min=15.6km az=30.0

ISC 28 00:57:24.8±1.0, 23.0N, 022.9340E, 0.08h53km, n8, 1572/8, mb3.7/5, Myanmar-India border region

Code	Station Name	Δ° AZ'	Phase ID	Op	ISC	Time	Res
						h m s	ISC
BRDH	Bariahdala	1.65	259	Pn	Sn	00 57 49.3	-2.1
45nm, 0.3s, baz=74, slow=22, SNR=7.1							
BRDH				Sn	Sn	00 58 13.9	+2.4
46nm, 0.3s, baz=262, slow=21, SNR=8.8							
CMAR	Chiang Mai Arr	6.88	130	Pn	Pn	00 59 02.0	-1.1
0.6nm, 0.3s, baz=307, slow=15, SNR=5.7							
MKAR	Makanchi Array	25.38	342	P	P	01 02 48.4	+1.3
0.9nm, 0.7s, baz=153, slow=8.3, SNR=5.2							
KURBB	Kurchatov Arra	29.92	341	P	P	01 03 27.6	+0.1
0.2nm, 0.5s, baz=151, slow=9.5, SNR=1.9							
KBZ	Khabaz	46.18	309	P	P	01 05 43.7	-0.5
0.4nm, 0.4s, baz=121, slow=5.9, SNR=1.3							
BRTR	Keskin Array B	52.76	303	LR	LR	01 31 57.1	
0.4nm, 0.4s, baz=258, slow=39							
WRA	Warrungu Arr	58.46	314	P	P	01 07 15.6	0.0
0.5nm, 0.6s, baz=319, slow=7.0, SNR=2.2							
ASAR	Alice Springs	60.83	137	P	P	01 07 33.0	+1.1
0.6nm, 0.5s, baz=317, slow=6.6, SNR=5.2							
0.6nm, 0.5s							

VAO 28 00:57:26.7±0.6, 8.91S, 74.62W, h140km, mb4.0, Presumed earthquake, Peru-Brazil border region

Code	Station Name	Δ° AZ'	Phase ID	Op	ISC	Time	Res
						h m s	ISC
CZSB	Cruzeiro do Su	2.23	58	eP	Sn	00 58 31.9	-0.8
CZSB				eS	Sn	00 59 43.2	-0.1
LPAZ	La Paz	9.69	140	eP	Pn	01 00 51.5	0.0
MACA	Manacapuru-AM	14.98	68	eP	Pn	01 01 27.1	+0.4
BOAV	Boa Vista	17.99	52	eP	Pn	01 01 34.6	+0.7
CLDB	Colider	18.64	98	eP	Pn	01 01 41.4	+0.5
ITTB	Itaituba	19.29	78	eP	Pn	01 03 46.1	-0.5
ARCA	Araçuaí, MG	32.76	107	eP	Pn	01 06 51.1	-1.1
PMSA	Palmer Station	56.27	175	eP	Pn	01 06 51.1	-1.1

SSNC 28 01:01:28.5±1.2, 18.10N, 76.55W, h12km, 34km, MD2.5, ML 1.8, Presumed earthquake

JSN 28 01:01:29.3±0.6, 18.19N, 76.60W, h12km, 8km, MD2.2, Confirmed Earthquake

ISC 28 01:01:25.8±1.8, 18.30N, 075.52W, 0.09h15km, 12km, n9, 0866/19, 6C, Jamaica region

Code	Station Name	Δ° AZ'	Phase ID	Op	ISC	Time	Res
						h m s	ISC
GWJ	Greenwich	0.29	222	iP	Pb	01 01 33.3	+0.5
GWJ				iP	Pb	01 01 33.4	+0.5
GWJ				iS	Sb	01 01 36.3	0.0
STH	Stony Hill	0.35	232	iP	Pb	01 01 33.9	+0.2
STH				iP	Pb	01 01 33.9	+0.2
STH				iS	Sg	01 01 37.2	-0.6
STH	Stony Hill	0.35	232	eP	Pb	01 01 33.8	+0.1
STH				eS	Sg	01 01 37.1	-0.7
HOJ	Hope	0.36	217	iP	Pb	01 01 33.0	0.0
HOJ				iP	Pb	01 01 34.0	0.0
PNCJ	Portland Cotta	0.82	228	iP	Pb	01 01 42.0	+0.4
CVJ	Coleville	0.96	266	iP	Pb	01 01 45.0	+0.8
CVJ				iS	Sb	01 01 57.3	+0.4
MTDJ	Mount Denham	0.96	266	eP	Sb	01 01 45.3	+0.4
MTDJ				eS	Sg	01 01 56.8	+0.3
MTDJ				IAML	IAML	01 01 58.6	
comp=Z, 6.3nm, 0.2s							
MTDJ				IAML	IAML	01 01 58.7	
8.5nm, 0.2s							
LMGC	Las Mercedes	1.82	346	eP	Pb	01 01 58.9	+0.1
LMGC				eS	Sn	01 02 17.5	-1.8
LMGC				IAML	IAML	01 02 22.1	
comp=E, 8.8nm, 0.1s							
LMGC				IAML	IAML	01 02 22.3	
comp=N, 8.0nm, 0.1s							
YAR	Yar	2.07	4	eP	Pb	01 02 03.7	+0.6
YAR				eS	Sb	01 02 29.1	+0.4

PRU 28 01:08:38.1, 43.13N, 14.11E, h20km

ROM 28 01:08:37.2±1.1, 43.027N, 003.13292E, 0.004, h2km, ML2.6/134, 10C-6D, Error ellipse: s-maj=0.3km, s-min=0.1km az=238.0, Central Italy

Code	Station Name	Δ° AZ'	Phase ID	Op	ISC	Time	Res
						h m s	ISC
GUMA	Gualdo di Mace	0.05	41	iP	Pb	01 08 41.3	-0.2
GUMA				S	Sb	01 08 44.7	+0.4
GUMA				AML	AML		
comp=E, 16950μm, 0.5s							
GUMA				AML	AML		
comp=N, 16750μm, 0.3s							
GUMA				AML	AML		
comp=E, 14350μm, 0.3s							
GUMA				AML	AML		
comp=E, 16950μm, 1.5s							
GUMA				AML	AML		
comp=N, 20450μm, 0.3s							
CSP1	Cessapalombo	0.09	316	iP	Pb	01 08 41.5	-0.3
CSP1				S	Sb	01 08 44.9	0.0
CSP1				AML	AML		
comp=E, 4285μm, 0.5s							
CSP1				AML	AML		
comp=N, 3945μm, 0.5s							
CSP1				AML	AML		
comp=N, 3940μm, 0.5s							
CSP1				AML	AML		
comp=E, 4285μm, 1.5s							
CSP1				AML	AML		
comp=N, 3950μm, 0.5s							
SAP2	Sant' Angelo in	0.10	48	iP	Pb	01 08 41.7	-0.1
SAP2				S	Sb	01 08 45.1	+0.3
SAP2				AML	AML		
comp=E, 5885μm, 1.2s							
SAP2				AML	AML		
comp=N, 28500μm, 0.2s							
SAP2				AML	AML		
comp=E, 5885μm, 0.8s							
MF5	Montefalco A	0.13	107	iP	Pb	01 08 42.0	0.0
MF5				Sb	Sb	01 08 45.8	+0.5
MMO1	Montemonaco	0.13	169	iP	Pb	01 08 41.7	-0.3
MMO1				Sb	Sb	01 08 45.5	+0.2
MC2	Monte Cornacci	0.14	213	iP	Pb	01 08 42.1	-0.2
MC2				S	Sb	01 08 46.0	+0.3
PF6	Pievefavera	0.14	329	iP	Pb	01 08 41.6	-0.5
PF6				S	Sb	01 08 45.2	-0.2
FDMO	Fjordimonte	0.15	274	iP	Pb	01 08 42.0	-0.2
FDMO				S	Sb	01 08 45.7	+0.1
FDMO				AML	AML		
comp=E, 5645μm, 0.2s							
FDMO				AML	AML		
comp=N, 2995μm, 0.8s							
FDMO				AML	AML		

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Code	Station Name	Δ° AZ'	Phase ID	Op	ISC	Time	Res
						h m s	ISC
MNTP	Montappone	0.17	50	iP	Pb	01 08 42.0	-0.4
MNTP				S	Sb	01 08 46.8	+0.9
FEMA	Monte Fema	0.19	250	P	Pb	01 08 42.8	0.0
FEMA				S	Sb	01 08 47.1	+0.6
FEMA				AML	AML		
comp=N, 4340μm, 0.8s							
FEMA				AML	AML		
comp=E, 8420μm, 1.6s							
FEMA				AML	AML		
comp=N, 4345μm, 0.8s							
FEMA				AML	AML		
comp=E, 8420μm, 0.4s							
MDAR	Monte D'Arja	0.20	327	P	Pb	01 08 42.3	-0.5
MDAR				Sb	Sb	01 08 46.8	+0.1
MTCL	Monte Cavallo	0.22	261	P	Pb	01 08 42.9	-0.1
MTCL				Sb	Sb	01 08 47.6	+0.6
SSM1	San Severino M	0.22	337	P	Pb	01 08 42.8	-0.2
SSM1				Sb	Sb	01 08 47.4	+0.4
SSM1				Sb	Sb	01 08 43.4	+0.2
MNTT	Montotone	0.23	81	iP	Pb	01 08 48.4	+1.2
MNTT				S	Sb	01 08 48.4	+1.2
MNTT				AML	AML		
comp=N, 6650μm, 0.2s							
MNTT				AML	AML		
comp=E, 3600μm, 1.0s							
MNTT				AML	AML		
comp=E, 3605μm, 1.0s							
MNTT				AML	AML		
comp=E, 3605μm, 1.0s							
NRCA	Norcia	0.23	214	P	Pb	01 08 43.0	-0.2
NRCA				Sb	Sb	01 08 47.7	+0.4
NRCA				AML	AML		
comp=N, 11650μm, 0.2s							
NRCA				AML	AML		
comp=E, 16950μm, 0.1s							
NRCA				AML	AML		
comp=E, 14750μm, 0.1s							
NRCA				AML	AML		
comp=N, 11700μm, 0.2s							
MML1	Montelago di S	0.25	290	P	Pb	01 08 43.5	0.0
MML1				Sb	Sb	01 08 48.4	+0.6
GAG1	Gagliole	0.27	322	P	Pb	01 08 43.5	+0.2
GAG1				Sb	Sb	01 08 48.7	+0.6
PIO1	Pioraco	0.27	304	P	Pb	01 08 43.6	-0.2
PIO1				Sb	Sb	01 08 49.9	+0.7
SEF1	Sefro	0.28	296	P	Pb	01 08 43.8	0.0
SEF1				Sb	Sb	01 08 49.2	+0.8
MTRA	Matera	0.28	164	P	Pb	01 08 43.5	-0.3
MTRA				S	Sb	01 08 48.7	+0.3
MTRA				AML	AML		
comp=E, 1560μm, 0.5s							
MTRA				AML	AML		
comp=N, 1535μm, 0.2s							
MTRA				AML	AML		
comp=N, 1535μm, 0.2s							
MTRA				AML	AML		
comp=E, 1600μm, 0.5s							
MTRA				AML	AML		
comp=N, 1535μm, 0.2s							
MTRA				AML	AML		
comp=N, 1535μm, 0.2s							
MTRA				AML	AML		
CESI	CESI - Serrava	0.28	266	iP	Pb	01 08 43.9	0.0
CESI				Sb	Sb	01 08 49.4	+0.8
CESI				AML	AML		
comp=E, 2415μm, 0.5s							
CESI				AML	AML		
comp=N, 3795μm, 0.4s							
CESI				AML	AML		
comp=N, 2565μm, 0.4s							
CESI				AML	AML		
comp=N, 3900μm, 0.4s							
CESI				AML	AML		
comp=E, 2565μm, 1.6s							
CESI				AML	AML		
comp=N, 3800μm, 0.4s							
TRE1	Treia	0.28	3	P	Pb	01 08 43.9	0.0
TRE1				Sb	Sb	01 08 49.6	+1.1
OFF1	Offida	0.30	107	P	Pb	01 08 44	

28d 1h

Table with columns for station name, frequency, power, and signal strength. Includes stations like MSFV Nonsavu, AFU Afiamalu, and various other regional stations.

2020 AUG

Table with columns for station name, frequency, power, and signal strength. Includes stations like ASAR comp=2.5,9nm,0.8s, and various other regional stations.

1598

Table with columns for station name, frequency, power, and signal strength. Includes stations like CMB Columbia Creek, VTX Valle De La Tr, and various other regional stations.

28d 2h

Table with columns: ESDC, Sonseca Array, 155.08, 9, PKP, PKPdf, 02 16 27.5 -0.4, comp=2.0,6nm,1.0s,baz=341,slow=2.7,SNR=11

JMA 28 02:15:08.50.1,28°N,1°14'0E, h452km, MV4, 1/32, W OFF OGASAWARA
MOS 28 02:15:10.1±0.9,28°17'N:139°88'E, h418km, mb4.5/41, Error ellipse: s-maj=11.0km s-min=4.8km az=118.1
GFZ 28 02:15:10.7±0.4,28°N,1°14'0E, h413km, M4.2/26, mb4.5/26

ICD 28 02:15:11.8±1.1,28°15'N:139°94'E, h425km, 11km, mb4.0/36, mbtmP4,8/42, Error ellipse: s-maj=11.5km s-min=8.1km az=74.0

NEIC 28 02:15:12.3±1.7,28°20'N:0°09'139°9E,0.1, h419km, 6km, mb4.3/137, Error ellipse: s-maj=15.7km s-min=12.9km az=96.0

ISC 28 02:15:10.9±0.5,28°13'N:0°04'139°95E,0.06, h415km, 4km, n354, s18/340, mb4.3/153, 11C-21D, Bonin Islands region

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

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Main station list table with columns: ZEA, CD2, CD2, Chengdu, 31.53 284, P, pmax, pmax, 02 20 57.0 +0.1

1600

Main station list table with columns: NRK, NRK, Nori'sk, 50.97 339, P, Iamb, Iamb, 02 23 31.4 -0.4

Table with columns: BRG, Name, Time, Date, PS, SS, and other details. Includes entries like Berggiesshubel, Colim, Nuku Hiva Isla, Saracoutou, etc.

Table with columns: N49A, Z38A, P46A, K50A, N47A, AAM, SFIN, Z35A, CCM, I49A, BVAR, TXAR, TXAR, J47A, U38A, ABTX, MK31, MK4R, M44A, S39A, WMQ, WMQ, P40A, WMOK, N41A, I45A, KURB, K43A, KURK, L42A, P38A, E46A, H43A, JFWS, N38A, MNXX, MSTX, AMTX, KSUI, H40A, ARCS, EPT, G40A, I37A, L34A, BGNE, SFJD, ABQ, ALQ, ANMO, TASM, TASM, E38A, T25A, TUC, ZALV, ECSD, EYMN, SDCO, OGN, ILULI, Q24, SUSD, MVCO, AGMN, NJ2, HAYD, IRM, BTO2, BTO2, BTO2, BTO2, BTO2, BTO2, E28A, HNS, K22A, HHC, HHC. Includes entries like Columbus Grove, Mil Pleasant, Rosedale, Casco, Urbana, Ann Arbor, etc.

Table with columns: HHC, HHC, LRM, FURC, PDAR, SONM, DUG, HWUT, BJ12, BJ12, BJ12, LAO, AHID, RLMT, FXWY, PKD, ELK, NVAR, BOZ, HLID, EGMT, WELL, MFID, CVS, MCCM, SUB, SRTV, WWOR, O03E, KSRS, HATC, BMO, O02D, KHBM, M02C, KSXB, HAWA, COR, BNX, BNX, MAJO, MJAR, MJAR, MJAR, MJAR, MJAR, NLWA, NLWA, USRK, USRK, YKAWI, YKA, YKA, YKA, YKA, HEH, HEH, HEH, ZEA, ZEA, ZEA, KLR, KLR, C36M, A36M, TIXI, YAK, MIDW, V35K, S34M, R33M, WRAP, U33K, YSS, YSS, YSS, Q32M, N32M, N32M, P32M, S32K, G31M, BESE, F30M, EPYK, E29M, I30M. Includes entries like Hu-ho-hao-te, Pinedale Array, Songtao Array, etc.

28d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pine Creek, Babbage River, Whitestone, etc.

IDC 28 03:16:00.71.5, 12.96N-91.48W, h0km, mb3.7/2, mblmp3.6/5, ML3.0/4, Error ellipse: s-maj=26.1km s-min=19.7km az=27.0

GCG 28 03:16:00.11.0, 13.09N-91.57W, h5km, 24km, ML4.0, Presumed earthquake

CATAC 28 03:16:03.0.0.8, 13.16N-91.17W, h15km, 9km, M4.0/14, MLv4.0/14, Error ellipse: s-maj=15.3km s-min=4.3km az=39.9, confirmed

SNET 28 03:16:06.4.2.7, 13.21N-91.30W, h86km, ML3.9, Presumed earthquake

ISC 28 03:16:08.2.4.13, 13.10N-91.45W, h26km, 17km, n44, c1512/62, Near coast of Guatemala

Main table for station data under the 28d 5h section, including stations like SLOZ, CEVE, JAYA, etc.

SNET 28 03:17:40.2.2.1, 13.69N-91.20W, h181km, ML3.4, Presumed earthquake

GCG 28 03:17:41.9.1.4, 13.16N-91.47W, h36km, 999km, MD4.2, Presumed earthquake

ISC 28 03:17:43.7.3.9, 13.22N-91.40W, h1.2km, n9, c098/11, Near coast of Guatemala

Small table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes STG8, El Palmar, Qui.

2020 AUG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FG16, SOKI, RBDL, etc.

UPP 28 03:20:51.9.0.1, 67.19N-20.64E, h0km, ML2.4, Confirmed Induced event

NAO 28 03:20:52.9.1.3, 67.12N-20.85E, ML2.1, HEL 28 03:20:52.8.0.0, 67.18N-20.66E, h1km, ML1.6, ML2.4(UPP), ML1.6(BER), Confirmed Induced event

IDC 28 03:20:53.2.1.4, 67.15N-20.82E, h0km, mblmp2.7/4, ML2.0/4, Error ellipse: s-maj=20.1km s-min=11.4km az=111.0

BER 28 03:20:55.1.2.3, 67.15N-20.72E, h0km, ML1.6, ML2.1(NAO), Confirmed induced event

ISC 28 03:20:51.4.0.7, 67.17N-20.02E, h26km, n72, c1539/105, Sweden

Main table for station data under the 2020 AUG section, including stations like MASU, MASU, MASU, etc.

1604

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

IDC 28 03:56:13.8.2.0, 31.79S-178.20W, h0km, mb3.6/3, mblmp3.6/4, ML3.2/1, Error ellipse: s-maj=50.2km s-min=38.5km az=71.0, Kermadec Islands region

Code Station Name Azimuth Phase ID Time Res. Includes URZ, URZ, URZ, etc.

Code Station Name Azimuth Phase ID Time Res. Includes URZ, ASAR, WRA, etc.

IDC 28 03:56:14.1.4.1, 7.2543N-97.05E, h0km, mb3.8/4, mblmp3.8/5, ML4.0/1, Error ellipse: s-maj=156.4km s-min=21.0km az=72.0, Myanmar-China border region

Code Station Name Azimuth Phase ID Time Res. Includes CMAR, CMAR, CMAR, etc.

Code Station Name Azimuth Phase ID Time Res. Includes CMAR, MKAR, KURBB, etc.

Code Station Name Azimuth Phase ID Time Res. Includes ZALV, BVAR, etc.

UCR 28 04:24:41.5.0.5, 10.01N-86.41W, h18km, 3km, MW3.8, Presumed earthquake

CATAC 28 04:24:42.3.0.8, 10.1N-86.76W, h20km, 8km, M3.6/12, MLv3.6/12, Error ellipse: s-maj=11.3km s-min=4.8km az=42.7, confirmed

ISC 28 04:24:41.7.2.5, 10.02N-86.39W, h15km, 11km, n49, c0871/61, Off coast of Costa Rica

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like REI Reidoove, YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HUMP Col San Antoni, PDPDR Patillas Dam, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, SX11 Grass Mountain, etc.

SGS 28 05:26:08.8, 29:29N, 35:11E, h8km, M12.7

M12.7, 2.83, confirmed

ISC 28 05:26:09.6, 29:31N, 02:35.09E, 0.07, h12km, 5km, n25, r100/47, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YTVT Yotvata, HRFI Mount Harif, etc.

CATAC 28 06:44:54.0, 16.1N, 2.2E, h17km, 8km, M4.0/10, MLv4.0/10, Error ellipse: s-maj=9.1km s-min=4.4km

az=88.6, confirmed

GCG 28 06:44:54.0, 16.1N, 2.2E, h17km, 8km, M4.0/10, MLv4.0/10, Presumed earthquake

ISC 28 06:44:53.2, 1.2, 15.65N, 103.9159W, 0.05, h29km, 10km, n27, 35.14/45, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LSP Las Mesas, MLPR Magueyes Islan, etc.

ISC 28 06:44:53.2, 1.2, 15.65N, 103.9159W, 0.05, h29km, 10km, n27, 35.14/45, Mexico-Guatemala border region

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

IDC 28 05:29:59.2, 6.10, 10.14S, 161.35E, h79km, 22km, mb3.5/7, mbmp3.9/9, Error ellipse: s-maj=30.8km s-min=19.6km

az=65.0

ISC 28 05:29:57.3, 1.0, 10.14S, 161.4E, 0.1, h61km, n16, e23/12, mb3.7/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, etc.

ISC 28 06:54:22.1, 24.75N, 122.87E, h124km, ML4.5, D JMA 28 06:54:22.1, 0.2, 25.2N, 122.8E, 0.6, h126km, 1km, MV3.9/19, NW OFF ISHIGAKIJIMA IS

IDC 28 06:54:24.6, 5.4, 25.02N, 123.17E, h165km, 58km, mb3.4/7, mbmp3.9/9, MS3.5/1, Error ellipse: s-maj=53.1km

s-min=13.9km az=65.0

ISC 28 06:54:20.9, 2.7, 24.75N, 122.87E, 0.02, h130km, 5km, n155, r150/127, mb3.7/7, Taiwan region

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

ISC 28 06:54:20.9, 2.7, 24.75N, 122.87E, 0.02, h130km, 5km, n155, r150/127, mb3.7/7, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, SX11 Grass Mountain, etc.

RSPR 28 06:16:33.5, 19:20N, 64.41W, h35km, 19km, MD3.6/9

NEIC 28 06:16:35.5, 1.4, 19.0N, 0.1, 64.58W, 0.04, h35km, 2km, ML3.0/33, MD3.6/9(RSPR), Error ellipse: s-maj=22.2km

s-min=6.0km az=10.0

ISC 28 06:16:33.9, 2.6, 18.9N, 0.2, 64.55W, 0.05, h15km, 21km, n155, r150/127, mb3.7/7, Taiwan region

ISC 28 06:16:33.9, 2.6, 18.9N, 0.2, 64.55W, 0.05, h15km, 21km, n155, r150/127, mb3.7/7, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, SX11 Grass Mountain, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALS, EDH, JGOS, CHNS, WDLH, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GPSI, VRLE, LAPC, PIRO, EDAD, etc.

ICD 28 07 31:06.9:0.5:5:91S:153°81'E,h0km,mb4.2/20, mbtmp4.3/24, ML4.1/3,MS4.2/46, Error ellipse: s-maj=15.2km s-min=12.4km az=58.0...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RABL, KRVT, KRVT, HNR, HNR, etc.

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

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

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

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

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

ICD 28 06:59:41.7:3.9:55:64N:86°23'E,h0km,mbtmp3.3/2, ML2.7/2, Error ellipse: s-maj=33.2km s-min=27.6km az=166.0

ASRS 28 06:59:38.0:1.6:55:73N:86°23'E,h0km,M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.,Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

ICD 28 07:05:34.1:9.5:54:38N:0°4:84'E:0°:3,h0km,n9,0666/6, 3C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

ASRS 28 07:05:34.1:9.5:54:38N:0°4:84'E:0°:3,h0km,n9,0666/6, 3C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

28d 8h

Table with columns: Station Name, Time, Az, El, P, S, M, L, R, and other parameters. Includes stations like AKTO, MAK, ZAAO, ZALV, etc.

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Table with columns: M, L, R, M, L, R, and other parameters. Includes stations like BURAR, RNP5, NJ2, etc.

1608

Table with columns: Station Name, Time, Az, El, P, S, M, L, R, and other parameters. Includes stations like BOSA, WRA, YKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like SHL Shilling, SONM Songoing Array, LSA Uhasa, VVDA Vanda, etc.

NEIC 28 08:15:12.0±1.6, 23.73S; 0°06:17.7W; 0.1, h180km, 8km, mb4.2/16, Error ellipse: s-maj=19.8km s-min=8.3km az=91.0

IDC 28 08:15:19.6±3.3, 23.23S; 177.68W; h259km, 30km, mb3.6/9, mbmp4.3/10, Error ellipse: s-maj=20.7km s-min=17.9km az=102.0

ISC 28 08:15:12.8±0.5, 23.83S; 0°08:17.74W; 0.1, h200km, n41, c138/39, mb4.1/16, 3C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like MSVF Nonavsu, NIUE Niue, AFI Afiamalu, etc.

IDC 28 08:18:24.0±0.6, 5.95S; 154.00E; h0km, mb4.2/19, mbmp4.3/23, ML3.6/3, MS3.8/3, Error ellipse: s-maj=14.1km s-min=11.2km az=61.0

NEIC 28 08:18:26.0±0.8, 5.95S; 0°08:15.39E; 0.08, h10km, 1km, mb4.4/17, Error ellipse: s-maj=15.1km s-min=10.2km

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

CATAC 28 08:18:25.8±1.2, 9°N; 7°8'5W; h2km, 4km, M4.0/10, ML4.0/10, Error ellipse: s-maj=14.5km s-min=11.1km az=17.1, confirmed

ISC 28 08:18:26.2±0.1, 9.51N; 104.84W; 0.02, h15km, 7km, n114, c073/126, 36C-18D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like ARZA Esparza, ENAS Puntarenas, PURI Puriscal, etc.

UCR 28 08:26:47.5±0.5, 12°15'N; 87°05'W; h26km, 143km, MW3.8, Presumed earthquake

CATAC 28 08:26:47.6±0.2, 12°N; 2°8'7W; h47km, 3km, M3.9/36, MLV3.9/36, Error ellipse: s-maj=5.5km s-min=2.5km az=40.9, confirmed

NET 28 08:26:48.3±0.7, 12°23'N; 87°11'W; h35km, ML3.6, Presumed earthquake

ISC 28 08:26:46.8±1.3, 12.14N; 0°04:87.15W; 0.03, h27km, 13km, n60, c1912/89, 4C-15D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CNGN Cerro Negro, CRIN Crin, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Montecristi, Santiago de lo, Restauracion, Presa de Saban, etc.

HEL 28 09:00:03.0-0.1, 67.44N:23.40E, h0km, ML1.4, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLF, LANU, HEF, ERTU, etc.

IDC 28 09:00:22.1±2.1, 67.47N:23.45E, h0km, mbtmp3.5/2, ML1.9/2, Error ellipse: s-maj=34.5km s-min=13.5km

BER 28 09:00:23.1±1.7, 67.42N:23.48E, h0km, ML1.3, Suspected explosion

ISC 28 09:00:21.2±1.2, 67.42N:23.40E:0.07, h0km, n7, c072/10, Sweden

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

IDC 28 09:10:42.0±4.5, 55.60N:86.20E, h0km, mbtmp3.2/2, ML2.6/2, Error ellipse: s-maj=39.1km s-min=25.5km

ASRS 28 09:10:39.0±0.5, 55.61N:86.19E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

IDC 28 09:24:33.6±3.3, 54.14N:87.08E, h0km, mbtmp3.0/2,

ML2.7/2, Error ellipse: s-maj=27.9km s-min=19.0km

NNC 28 09:24:35.5±3.9, 54.16N:86.89E, h0km, mb2.9, mpv2.7, Error ellipse: s-maj=30.1km s-min=10.8km az=81.0, Suspected Mining explosion.

ASRS 28 09:24:34.0±1.1, 54.30N:86.91E, h0km, M2.8(MOS), 4C-3D, The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZAAO, ZAAO, etc.

JMA 28 09:33:06.6±0.5, 44°N:12°E, h0km, MV4.2/29, SE OFF ETOROFU

SKHL 28 09:33:07.4±0.2, 44°N:148°20'E, h35km±4km, mb4.8/5, ISC 28 09:33:04.3±3.5, 44°33'N:0°08'148'E:0.1, h7km, 26km,

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

IDC 28 09:42:20.4±0.6, 16°50'N:121°15'E, h0km, mb4.1/19, mbtmp4.1/21, ML3.7/2, MS3.2/14, Error ellipse: s-maj=20.7km s-min=13.7km az=78.0

MAN 28 09:42:22.0, 16°54'N:120°97'E, h2km, MS4.2 MAN INTENSITY IV - AMBAGUIO NUEVA VISCAYA; TINOC IFUGA; INTENSITY III - SOLANO ARIATO AND DUPAX DEL NORTE NUEVA VISCAYA; INTENSITY II - ITOGON BENGUET; INTENSITY I - SUDIPEN LA

NEIC 28 09:42:23.1±1.4, 16°58'N:07°12'22E:0.10, h10km, 1km, mb4.5/45, Error ellipse: s-maj=15.8km s-min=12.1km az=84.0

ISC 28 09:42:23.6±1.5, 16°50'N:03°12'10E:0.04, h17km, 9km, n105, c1916/104, mb4.4/41, MS3.2/13, Luzon

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

Large table with columns: Station Name, Time, Res. Includes stations like JNU, JMN, CM31, CMAR, etc.

28d 10h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES, AKASG, HAFS, NB2, NOA, YKA, TXAR.

UPP 28 09:59:24.1 ± 1.2, 63°66'N, 22°90'E, h0km, ML1.9, Presumed earthquake

HEL 28 09:59:24.8 ± 0.1, 63°65'N, 22°95'E, h0km, ML1.3, Suspected explosion, Finland

Main table of station data for the 28d 10h period, listing station names, coordinates, and various parameters.

HEL 28 10:00:20.9 ± 0.1, 64°68'N, 30°79'E, h0km, ML1.9, Explosion

KOLA 28 10:00:23.8, 64°68'N, 31°18'E, h0km, ML2.1, Karelia

Table of station data for the KOLA region, including station names and coordinates.

2020 AUG

Table of station data for the 2020 AUG period, listing station names and coordinates.

IDC 28 10:14:22.0 ± 1.7, 10°33'N, 91°45'E, h0km, mb3.7/5, mbtmp3.6/6, MS3.2/4, Error ellipse: s-maj=46.5km

ISC 28 10:14:24.1 ± 1.8, 10°33'N, 91°36'E, h17km, n15, o=55/6, mb3.6/5, Andaman Islands region

Table of station data for the IDC and ISC events, listing station names and coordinates.

IDC 28 10:17:41.2 ± 0.5, 14°65'S, 167°97'E, h0km, mb4.5/22, mbtmp4.5/25, ML4.7/3, MS3.9/46, Error ellipse: s-maj=14.4km

GFZ 28 10:17:43.7 ± 0.4, 15°S, 146°E, h10km, M5.1/22, mb5.0/22

NOU 28 10:17:44.4, 14°74'S, 167°91'E, h8km, mb5.0/69, Vanuatu Islands

GCMT 28 10:17:44.1 ± 0.2, 14°60'S, 167°91'E, 0.12, h13km, 1km, MW4.8/22, Moment Tensor Solution, s22,c24; s82,c114

NEIC 28 10:17:44.1 ± 1.1, 14°80'S, 167°80'E, 0.10, h10km, 1km, mb4.9/13, Error ellipse: s-maj=15.4km

BJJ 28 10:17:45.0, 14°52'S, 168°35'E, h38km, mb5.0/11, mb4.9/42, MS4.7/3, Ms7.4/4.3

ISC 28 10:17:43.1 ± 1.6, 14°72'S, 167°85'E, 0.05, h7km, 9km, n346, e1928/299, mb4.9/124, MS4.0/43, 3C-3D, Vanuatu Islands

Main table of station data for the 2020 AUG period, listing station names, coordinates, and various parameters.

1612

Main table of station data for the 1612 period, listing station names, coordinates, and various parameters.

2020 AUG

1613										28d 10h									
AUMBR	Murray Bridge	32.73 226	P	P	10 24 17.2 +0.7	MJAR	comp-Z,1.3nm,19.6s,baz=168,slow=32	LR	LR	10 48 43.7	M02C	Callahan	84.78 45	P	P	10 30 18.8 +0.5			
H11S2	WAKE ISLAND Hy	33.02 358	T	T	10 59 18.5	MJAR	Matsushiro Arr	58.16 332	P	P	10 27 36.8 -0.9	M02C	comp-Z,1.9nm,1.6s	I	Amb	I	10 30 36.5		
H11S3	WAKE ISLAND Hy	33.02 358	T	T	10 59 10.7	MAJO	Matsu-Tunnel	58.16 332	P	P	10 27 36.9 -0.8	HG4B	HotSpring	84.88 33	P	P	10 30 19.2 +0.7		
H11S1	WAKE ISLAND Hy	33.04 358	T	T	10 59 02.6	MAJO	Matsushiro	58.16 332	P	P	10 27 36.9 -0.8	ORV	Oroville	84.97 47	P	P	10 30 19.7 +0.4		
AUMAR	Mardie Senior	33.07 227	P	P	10 24 20.8 +1.3	MJJB	Matsu-Tunnel	58.16 332	P	P	10 27 37.6 -0.1	YBH	Yreka Blue Hor	85.01 45	LR	LR	10 59 36.5		
AS17	Alice Springs	33.12 249	P	P	10 24 20.3 +0.1	BBJJ	Bungbulating	58.16 332	P	P	10 27 45.6 -1.1	AFDM	Forest Hills D	85.10 48	P	P	10 30 25.5 +0.5		
AS19	Alice Springs	33.16 249	P	P	10 24 20.8 +0.3	TPUB	Ta-pu	59.68 309	P	P	10 27 45.6 -1.1	AFDM	comp-Z,1.1nm,1.5s	I	Amb	I	10 30 25.3		
AS01	Alice Springs	33.16 249	P	P	10 24 20.6 +0.1	SSLB	Suanglung	59.71 309	P	P	10 27 47.9 -1.0	MPK	Martis Peak	85.91 48	P	P	10 30 24.4 0.0		
AS09	Alice Springs	33.17 249	P	P	10 24 20.7 0.0	YHNB	Yeheng	59.91 310	P	P	10 27 52.5 +2.4	MPK	comp-Z,1.1nm,1.2s	I	Amb	I	10 30 24.1 0.0		
AS15	Alice Springs	33.19 249	P	P	10 24 20.8 0.0	TATO	Taipei	60.00 311	P	P	10 27 50.4 -0.3	MDPB	Devils Postpil	85.98 50	P	P	10 30 27.7 0.0		
AS31	Alice Springs	33.20 249	P	P	10 24 20.4 -0.5	VNDA	Vanda	62.88 181	P	P	10 28 09.4 0.0	MDPB	comp-Z,1.1nm,1.1s	I	Amb	I	10 30 27.6		
AS31	Alice Springs	33.20 249	P	P	10 24 20.3 -0.6	VNDA	comp-Z,1.9nm,1.1s	LR	LR	10 52 25.2	WAKR	Walker	86.04 49	I	Amb	I	10 30 25.2 +0.3		
ASAR	Alice Springs	33.20 249	P	P	10 24 20.0 -0.9	VNDA	Vanda	62.88 181	P	P	10 28 09.4 0.0	WAKR	comp-Z,1.1nm,1.4s	I	Amb	I	10 30 25.1		
ASAR	comp-Z,2.9nm,0.8s,baz=79,slow=3.9,SNR=119	PcP	PcP	10 27 02.6 -1.1	VNDA	Vanda	62.88 181	P	P	10 28 09.4 0.0	J04A	Umpqua Nations	86.04 44	P	P	10 30 25.1 +0.3			
ASAR	comp-Z,1.2nm,0.7s,baz=97,slow=1.7,SNR=5.3	LR	LR	10 37 15.6	VNDA	Vanda	62.88 181	P	P	10 28 09.4 0.0	J04A	comp-Z,1.2nm,1.0s	I	Amb	I	10 30 39.2			
ASAR	comp-Z,2.3nm,0.8s	P	P	10 24 20.5 -0.4	VNDA	Vanda	62.88 181	P	P	10 28 09.4 0.0	COLA	College	86.14 17	P	P	10 30 26.9 +2.4			
ASAR	Alice Springs	33.20 249	P	P	10 24 20.5 -0.4	VNDA	Vanda	62.88 181	P	P	10 28 09.4 0.0	COLA	comp-Z,3.4nm,2.6s	P	P	10 30 26.9 +2.4			
ASAR	St Philip's Co	33.22 249	P	P	10 24 20.9 -0.2	SBA	Scott Base	63.15 180	P	P	10 28 11.8 +0.6	TLY	Talaya	86.30 326	P	P	10 30 24.0 -1.6		
BBOO	Bucklebo	34.03 232	P	P	10 24 28.9 +1.0	SBA	comp-Z,1.1nm,1.1s	P	P	10 28 15.4 +0.2	TLY	comp-Z,3.0nm,0.8s,baz=127,slow=1.0,SNR=3.2	LR	LR	11 06 35.1				
BBOO	Bucklebo	34.03 232	P	P	10 24 29.0 +1.1	CASY	Casey	63.75 202	P	P	10 28 15.5 +0.2	TLY	comp-Z,2.5nm,21.4s,baz=120,slow=34	LR	LR	10 30 25.5 -0.2			
BBOO	Bucklebo	34.03 232	P	P	10 24 29.0 +1.1	CASY	Casey	63.75 202	P	P	10 28 15.5 +0.2	TLY	comp-Z,3.0nm,0.8s	P	P	10 30 25.5 -0.2			
BAKI	Biak	34.12 290	P	P	10 24 29.3 +0.4	KSR5	Korea Array	64.05 325	P	P	10 28 17.1 -0.5	TLY	comp-Z,3.0nm,0.8s	P	P	10 30 25.5 -0.2			
H11N1	WAKE ISLAND Hy	34.23 358	T	T	11 00 50.5	NJ2	Nanjing	66.06 315	eP	Pmax	10 28 35.0 +4.1	IL31	Eielsen Array	86.34 18	P	P	10 30 23.6 -2.0		
H11N3	WAKE ISLAND Hy	34.23 358	T	T	11 00 42.8	USA0B	Ussuriysk Arra	67.13 333	P	P	10 28 37.8 +0.4	IL31	comp-Z,1.0nm,0.7s	I	Amb	I	11 06 59.5		
H11N2	WAKE ISLAND Hy	34.25 358	T	T	11 00 50.3	USRK	Ussuriysk Arr	67.13 333	P	P	10 28 37.6 +0.1	ILAR	comp-Z,1.41nm,18.4s,baz=248,slow=34	LR	LR	11 06 59.5			
AUCAS	Cummins Area S	34.90 230	P	P	10 24 36.9 +1.5	USRK	comp-Z,2.7nm,20.0s,baz=160,slow=33	LR	LR	10 55 04.8	ILAR	Eielsen Array	86.34 18	P	P	10 30 25.5 -0.1			
KMPI	Kaimana, Papua	35.39 285	P	P	10 24 46.7 +6.8	SHEM	Shem'ya, Ala	67.39 4	LR	LR	10 51 38.3	CLC	China Lake	86.52 52	P	P	10 30 25.5 +0.2		
MTN	Monton Dam	36.17 320	LR	LR	10 24 41.7 +0.8	PETK	Petrovavlovsk-	68.11 353	P	P	10 28 42.8 -0.7	CLC	comp-Z,1.7nm,1.6s	I	Amb	I	10 30 39.3		
GUMO	Guam	36.17 320	LR	LR	10 24 41.7 +0.8	PETK	comp-Z,3.1nm,1.0s,baz=183,slow=6.8,SNR=2.1	LR	LR	10 53 03.3	BBB	Bella Bella	86.45 34	LR	LR	11 04 02.7			
FAKI	Fak Fak	37.01 285	P	P	10 24 54.0 +0.2	PETK	comp-Z,3.1nm,1.0s	P	P	10 28 43.4 -0.1	PAHR	Pah Rah Range	86.53 48	P	P	10 30 27.4 +0.2			
FAKI	comp-Z,3.9nm,1.0s	I	Amb	I	10 25 35.2	PETK	comp-Z,3.1nm,1.0s	P	P	10 28 43.4 -0.1	PAHR	comp-Z,2.9nm,1.3s	I	Amb	I	10 30 39.6			
KNRA	Kununurra	37.70 263	P	P	10 24 59.5 0.0	PETK	Petrovavlovsk-	68.11 353	P	P	10 28 43.4 -0.1	PFO	Pinyon Flats O	86.53 54	LR	LR	11 03 37.1		
KNRA	Kununurra	37.70 263	P	P	10 24 58.6 -0.9	WHN	Wuhan	68.36 312	P	P	10 28 45.3 -0.2	LHV	Little Hootoon	86.63 49	P	P	10 30 27.7 +0.2		
WRKA	Warakurna	38.46 248	P	P	10 25 06.3 +0.3	MDJ	Mudanjiang	68.54 332	P	P	10 28 47.0 +0.7	LHV	comp-Z,2.9nm,0.9s	I	Amb	I	10 31 27.7		
FORT	Forrest	39.78 239	P	P	10 25 17.6 +0.6	MDJ	Mudanjiang	68.54 332	P	P	10 28 46.7 +0.3	DSP	Deep Springs	86.70 50	P	P	10 30 28.3 +0.4		
FORT	Forrest	39.78 239	P	P	10 25 16.6 -0.3	IPM	Ipo	68.90 281	P	P	10 28 48.9 -0.4	DSP	comp-Z,2.9nm,1.3s	I	Amb	I	10 30 35.5		
FITZ	Fitzroy Crossi	40.57 259	P	P	10 25 23.8 +0.3	IPM	IPM	68.90 281	P	P	10 28 52.0 -1.0	BCAR	Beaver Creek A	86.77 21	P	P	10 30 28.2 +0.5		
FITZ	Fitzroy Crossi	40.57 259	LR	LR	10 42 15.9	IPM	IPM	68.90 281	P	P	10 29 34.8	NVAR	Mina Array Bea	86.84 49	P	P	10 30 28.4 -0.5		
FITZ	Fitzroy Crossi	40.57 259	P	P	10 25 22.9 -0.7	LN2	Luoyang	71.87 314	P	P	10 29 07.0 0.0	NVAR	comp-Z,0.5nm,0.7s,baz=235,slow=5.2,SNR=7.0	LR	LR	11 01 00.2			
FITZ	Fitzroy Crossi	40.57 259	P	P	10 25 23.1 -0.5	HNS	HongShan	71.97 318	IP	Pmax	10 29 07.5 0.0	NVAR	Mina Array Bea	86.84 49	P	P	10 30 28.6 -0.3		
PPT2	Papeete2	40.93 100	eS	S	10 31 40.7 +1.6	HNS	comp-Z,1.7nm,1.2s	P	P	10 28 55.0 0.0	G23K	Bananza Creek	86.92 15	P	P	10 30 29.2 +0.9			
PPT2	comp-Z,2.35nm,29.5s	eSS	SS	10 34 43.8 +3.1	BNX	BinXian	70.40 331	IP	Pmax	10 28 57.0 -0.8	G23K	comp-Z,1.4nm,1.7s	I	Amb	I	10 30 39.0			
PPT2	comp-Z,3.33nm,29.5s	eLR	LR	10 36 42.2	BNX	comp-Z,1.2nm,0.7s	P	P	10 29 00.7 -2.0	BELC	Belle Mtn. Jos	87.03 54	P	P	10 30 30.1 +0.3				
PPT2	comp-Z,4.91nm,26.0s	LR	LR	10 39 27.8	KLR	Kul'du	71.23 336	P	P	10 29 00.7 -2.0	PINE	Pine Mountain	87.04 43	P	P	10 30 29.9 +0.2			
PPT2	comp-Z,10.4nm,18.3s,baz=269,slow=32	LR	LR	10 39 27.8	KLR	comp-Z,3.0nm,0.9s,baz=163,slow=5.4,SNR=7.1	LR	LR	10 55 45.6	GLD	Stadebaker Rid	87.21 41	P	P	10 30 38.8 +0.5				
NLAI	Namlea	41.75 282	P	P	10 25 35.6 +2.2	LYN	Luoyang	71.87 314	P	P	10 29 07.0 0.0	GLA	comp-Z,2.6nm,2.0s	I	Amb	I	10 30 32.9 +0.3		
SOEI	Soe	42.83 271	P	P	10 25 40.8 -1.5	LYN	comp-Z,2.7nm,0.6s	P	P	10 29 07.5 0.0	TPNV	Topopah Spring	87.84 51	I	Amb	I	10 30 36.2		
KMBL	Kambalda	45.08 240	P	P	10 26 00.3 +0.2	HNS	HongShan	71.97 318	IP	Pmax	10 29 07.5 0.0	MTPC	Mountain Pass	87.87 53	I	Amb	I	10 30 41.9	
EDFI	Ende, Flores	45.52 272	P	P	10 26 04.3 +0.4	BJT	Baijiatuu	72.60 321	P	P	10 29 11.1 -0.1	J08A	Circle Bar Ran	88.53 44	I	Amb	I	10 30 42.2	
MBWA	Marble Bar	46.09 255	P	P	10 26 08.8 +0.6	HEH	HeiHe	73.79 334	eP	Pmax	10 29 17.0 -1.0	DLBC	Deer Lake	88.67 28	LR	LR	11 03 30.3		
MBWA	Marble Bar	46.09 255	P	P	10 26 08.5 +0.3	HEH	comp-Z,6.0nm,1.1s	P	P	10 29 25.3 +0.6	LPIG	La Paz	88.69 65	LR	LR	11 02 19.8			
MBWA	Marble Bar	46.09 255	P	P	10 26 07.0 -1.2	KMI2	Kunming	74.78 302	IP	Pmax	10 29 25.3 +0.6	PRN	Patroc Range	88.89 51	I	Amb	I	10 30 49.6	
MBWA	Marble Bar	46.09 255	P	P	10 26 08.9 +0.6	KMI2	comp-Z,1.4nm,0.9s	P	P	10 29 25.3 -0.2	PALK	Pallekele	89.08 278	LR	LR	11 13 51.8			
DAV	Davao City (W)	47.18 294	LR	LR	10 45 54.2	XLT	comp-Z,1.5nm,0.9s	P	P	10 29 25.3 -0.2	TIXI	Tiksi	90.07 949	LR	LR	11 05 35.0			
MEEK	Meekatharra	47.31 247	P	P	10 26 18.2 +0.5	QSPA	South Pole Qui	75.31 180	P	P	10 29 26.1 -0.8	LCMT	Little Creek M	90.13 52	I	Amb	I	10 30 47.1	
MEEK	Meekatharra	47.31 247	P	P	10 26 18.2 +0.5	QSPA	comp-Z,2.9nm,0.8s	I	Amb	I	10 29 26.6 -0.3	F10A	Beach Ranch, E	90.31 42	I	Amb	I	10 30 59.4	
LBF1	Labuhan Bajo	47.32 272	P	P	10 26 18.3 +0.4	QSPA	comp-Z,2.9nm,0.8s	I	Amb	I	10 30 25.2	ELIB	Princess Eliza	90.33 190	dP	P	10 30 43.4 -1.4		
KAPI	Kappang	48.27 276	LR	LR	10 26 26.2 +1.0	CMAR	Chiang Mai Arr	75.46 294	P	P	10 29 28.6 +0.2	KNB	Kanab	90.45 52	I	Amb	I	10 30 59.0	
KAPI	Kappang	48.27 276	P	P	10 26 26.2 +1.0	CMAR	comp-Z,4.8nm,0.9s,baz=126,slow=4.4,SNR=20	LR	LR	11 03 36.7	TUC	Tucson	90.65 57	P	P	10 30 46.2 -0.6			
KAPI	Kappang	48.27 276	P	P	10 26 26.8 +1.6	CMAR	comp-Z,1.6nm,18.6s,baz=125,slow=36	P	P	10 29 28.2 -0.2	TUC	comp-Z,1.2nm,0.7s	I	Amb	I	10 30 58.3			
KAPI	Kappang	48.27 276	P	P	10 26 25.8 +0.6	CHTO	Chiang Mai Arr	75.46 294	P	P	10 29 28.2 -0.2	U15A	North Rim	90.68 53	I	Amb	I	10 30 55.2	
KLBR	Kellerberrin	48.60 241	P	P	10 26 28.0 +0.4	CHTO	Chiang Mai	75.59 294	P	P	10 29 29.6 +0.4	X16A	Lo Mia Camp, P	90.74 55	P	P	10 30 48.1 +0.8		
DBNI	Kabupaten Domp	48.84 272	P	P	10 26 30.1 +0.4	CHTO	comp-Z,5.1nm,1.0s	I	Amb	I	10 29 28.6 -0.6	WUAZ	Wupatki	91.12 54	I	Amb	I	10 30 48.1 +0.8	
TOL12	Toititoli	49.15 285	I	Amb	10 26 31.6 -0.5	CHTO	comp-Z,1.2nm,1.2s	I	Amb	I	10 29 30.3	NEW	Newport	91.19 40	LR	LR	11 07 11.2		
TOL12	comp-Z,1.7nm,1.0s	I	Amb	I	10 26 32.4	CHTO	Chiang Mai	75.59 294	P	P	10 29 29.9 +0.7	INK	Inuvik	92.70 19	LR	LR	11 07 28.6		
NWAO	Narrogin (SRO)	49.24 239	P	P	10 26 32.8 +0.3	HHC	Hu-ho-hao-te	75.94 319	eP	Pmax	10 29 35.0 +4.1	TROLL	Troll, Antarti	92.92 185	IP	P	10 30 55.0 -1.7		
NWAO	Narrogin (SRO)	49.24 239	P	P	10 26 36.7 0.0	HHC	HHC	comp-Z,9.0nm,0.6s	P	P	10 29 35.0 +4.1	WMQ	Wmqu	93.12 314	eP</				

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, KURBB Kurchatov Arra, BVAR Borovoye Array, etc.

IDC 28 10:29:58.3, 1.4, 6.25S, 154.08E, h0km, mb3.6/4, mbmp3.8/6, ML2.0/1, Error ellipse: s-maj=25.0km s-min=19.6km az=67.0

ISC 28 10:30:04.7, 1.2, 6.25S, 150.913E, 0.1, h48km, n8, a128/10, mb3.2/5, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, KRVT 102m, PMG Port Moresby, etc.

IDC 28 10:31:03.4, 1.8, 6.68S, 105.67E, h0km, mb3.9/11, mbmp3.9/11, MS3.8/3, Error ellipse: s-maj=88.6km s-min=21.9km az=48.0

DJA 28 10:31:08.8, 0.7, 7.5, 4.10, 5E, h10km, 4km, M3.9/25, MLV3.9/25

NEIC 28 10:31:13.0, 1.0, 7.65S, 0.2, 105.9E, 0.1, h66km, 5km, mb4.2/11, Error ellipse: s-maj=35.3km s-min=9.2km az=209.0

ISC 28 10:31:10.4, 0.8, 6.85S, 109.105, 53E, 0.07, h56km, n56, a178/46, mb3.9/15, MS3.9/3, Sundra Strait

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CGUJ Cibinong, SBJJ Serang, SKJJ Sukabumi, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H04S1 CROZET ISLANDS, H04S3 CROZET ISLANDS, etc.

NORS 28 10:36:53.1, 41.59N, 43.91E, h4km, MPVA3.3

AFAD 28 10:36:57.0, 41.64N, 43.60E, h15km, ML1.7

ISC 28 10:36:54.4, 1.6, 41.60N, 0.06, 43.77E, 0.08, h10km, 11km, n11, a89/122, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EPOS Posof, GOLE Ardahan-G21m, etc.

IDC 28 10:47:12.2, 18.0, 36.55N, 71.03E, h250km, 166km, mb2.9/1, mbmp3.6/5, MS3.3/1, Error ellipse: s-maj=143.6km s-min=69.0km az=56.0

ISC 28 10:47:10.2, 2.7, 36.7N, 0.2, 70.7E, 0.4, h204km, n7, a258/7, ID, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, MKAR Makanchi Array, etc.

IDC 28 10:48:17.9, 14.49S, 167.93E, h1km, MLV4.7/12, Vanuatu Islands

IDC 28 10:48:19.8, 1.2, 14.61S, 167.79E, h0km, mb3.9/8, mbmp3.9/9, ML3.8/1, MS3.4/6, Error ellipse: s-maj=32.2km s-min=18.0km az=106.0

NEIC 28 10:48:21.6, 1.4, 14.78S, 0.09, 167.87E, 0.08, h10km, 11km, mb4.5/14, Error ellipse: s-maj=19.3km s-min=5.8km az=142.0

ISC 28 10:48:23.8, 0.6, 14.89S, 0.07, 167.86E, 0.09, h30km, n40, a145/89, mb3.2/12, MS3.7/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, KOUNC Koumac, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WR8 Warramunga Arr, WRA Warramunga Arr, etc.

IDC 28 10:53:48.7, 2.0, 23.47N, 93.30E, h0km, mb3.2/3, mbmp3.4/5, ML4.1/2, Error ellipse: s-maj=75.5km s-min=25.1km az=62.0, Myanmar-India border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LZDM Lanzhou Array, etc.

IDC 28 11:05:17.4, 1.8, 6.72S, 123.23E, h0km, mb3.9/1, mbmp3.7/9km, ML3.9/2, Error ellipse: s-maj=340.7km s-min=27.9km az=58.0, Banda Sea

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

WEL 28 11:06:29.2, 2.3, 28.5S, 34.17W, 7.62E, h152km, 41km, MW, 3.3, m25.0/3, MW(mB)4.3/3, Error ellipse: s-maj=91.6km s-min=7.5km az=118.3, confirmed

IDC 28 11:06:29.0, 1.1, 27.84S, 177.16W, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=38.1km s-min=31.5km az=156.0

ISC 28 11:06:29.3, 0.8, 28.3S, 0.1, 176.5W, 0.1, h10km, n39, a340/33, mb3.9/6, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like H03N1, VNA2, NVAR, NOA, HFS.

IDC 28 11:23:24.9; 1.2, 5.96S; 154.36E, h0km, mb3.77, mbmp3.7/8, ML3.9/1, MS3.3/2, Error ellipse: s-maj=34.2km s-min=14.6km az=46.0

ISC 28 11:23:26.4; 1.4, 5.9S; 0.2, 154.4E; 0.2, h10km, n11, r103/11, mb4.0/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like KRVT, WRA, ASAR, VVND, MKAR, ZALV, GQSA, KURBB, BVAR, TORD.

PAS 28 11:26:03.3; 1.6, 32.57N; 0.02, 115.69W; 0.01, h15km, 4km, Error ellipse: s-maj=2.5km s-min=1.5km az=172.0

NEIC 28 11:26:03.2; 0.2, 32.53N; 0.008, 115.70W; 0.01, h10km, 2km, ML3.4/20, ML3.7/119(PAS), Error ellipse: s-maj=3.0km s-min=1.8km az=4.0

ECX 28 11:26:03.6; 0.5, 32.55N; 0.02, 115.72W, h1km, 1km, MD3.5, ML3.7

ISC 28 11:26:02.2; 0.8, 32.54N; 0.02, 115.71W; 0.01, h15km, 5km, n88, r073/130, 14C-8D, California-Baja California border region

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like SGL, JARX, JAFAX, CEAO, YUHA, YUH, WESC, UABX, POT2, RMX, DREC, S054, IKP, CPBX, JARX.

CEAO Mexicali 0.11 171eP Pg 11:26:05.6 -0.1

YUHA Yuha Desert 0.21 300 eS Pg 11:26:07.7 -0.2

YUH Yuha Desert 0.21 300 eS Pg 11:26:07.4 +0.4

WESC Westside Schoo 0.22 355 nP Pg 11:26:07.7 -0.2

UABX UABX, Campus M 0.24 68 nP Sg 11:26:08.5 +0.2

POT2 Potabilizadora 0.29 73 eP Pg 11:26:09.3 +0.3

RMX La Rumorosa 0.32 281 nP Pg 11:26:09.0 +0.1

DREC Desert Rsrch C 0.34 40 eP Pg 11:26:10.2 +0.1

S054 Holtville Bond 0.35 64 Pg 11:26:10.3 +0.2

IKP In-Ko-Pah, Jac 0.35 288 eS Pg 11:26:10.3 +0.4

CPBX Cerro Prieto 0.36 110 eP Pg 11:26:10.5 +0.2

CPBX Cerro Prieto 0.36 110 eP Pg 11:26:10.5 +0.2

IMPE Imperial 0.38 19 Pg 11:26:10.9 +0.8

SNR Schaffner Ranc 0.39 36 Pg 11:26:11.1 +0.2

CRR Carrizo Plain 0.41 328 Pg 11:26:11.8 +0.1

SWSC Sam W. Stewart 0.41 349 nP Pg 11:26:18.8 +0.4

AGSX Ej. Aguas Cali 0.54 121 nP Pg 11:26:21.7 +0.8

AGSX Rio Hardy 0.54 138 eS Pg 11:26:21.2 +0.2

ESJX Sierra Juarez 0.57 201 Pg 11:26:20.9 -0.3

ERRC Elmore Ranch 0.58 351 Pg 11:26:14.5 +0.4

CL12 Calipatria 2 0.59 11 Pg 11:26:24.0 -1.4

GUVIX Guadalupe Vict 0.59 114 nP Pg 11:26:14.5 +0.4

COA Coachella 0.59 57 Pg 11:26:14.2 +0.0

OBBS Obsidian Butte 0.63 6 Pg 11:26:23.2 +0.8

PESCC Ej. Pescaderos 0.64 100 eP Pg 11:26:24.7 +0.9

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like PESCC, EMSC, WIS, BRGC, TKX, SLVP, SLPH, SLH, SJK, BAR, BAR, BAR.

BAR comp=N, 2um, 0.2s 0.82 280 Sg 11:26:29.1 -0.1

JUEM Julian Eagle M 0.92 306 Pg 11:26:20.2 +0.1

BORC Borrego Spring 0.94 321 Pg 11:26:19.6 -0.6

COY Coyote Mountai 0.96 328 Pg 11:26:19.7 -0.9

EML El Monte City P 1.02 290 nP Pg 11:26:21.8 +0.2

MATG Mataguay Scout 1.03 310 Pg 11:26:21.6 -0.1

OLP Otay Lakes Par 1.03 274 Pg 11:26:22.4 +0.2

CCX Cicece 1.05 321 Pg 11:26:23.0 +0.5

CCX comp=E, 1um, 0.7s 1.1 26 40.4 IAML 11:26:40.4

BC3 Dos Chicos 1.13 11 Pg 11:26:22.3 -1.2

PPP Dos Picos 1.13 294 Pg 11:26:23.6 +0.1

TJX Tijuana 1.14 269 Pg 11:26:24.6 +0.5

VTX Valle De La Tr 1.15 183 Pg 11:26:24.6 +0.2

ECXB El Chinerio 1.20 152 eS Pg 11:26:23.6 -0.9

PMD Palm Desert 1.24 333 IAML 11:26:24.2

PMD comp=N, 719nm, 0.6s 1.24 330 Pn 11:26:24.1 -1.0

DNR Dunn Ranch,Ans 1.28 323 Pn 11:26:25.1 -0.6

BELC Belle Mtn, Joz 1.47 351 Pn 11:26:27.6 -0.8

BLVC Blythe 1.56 39 Pn 11:26:28.9 -0.6

BLVC comp=E, 319nm, 0.4s 1.65 82 Pn 11:26:31.6 +0.7

IRIM Iron Mountain 1.68 116 Pn 11:26:30.9 -0.2

ELS Elsinore Mount 1.81 308 Pn 11:26:32.9 -0.1

BFSO Mount Blythe 1.85 317 Pn 11:26:40.0 0.0

PASC Pasadena Art C 2.63 309 Pn 11:26:44.8 +0.6

Y14A Wickenburg 2.66 58 Pn 11:26:44.9 +0.3

GSC Goldstone, Bar 2.90 342 Pn 11:26:47.9 0.0

TPO Tropical Hills 3.14 319 Pn 11:26:51.9 +0.7

CCM Coyote Lake 3.28 236 Pn 11:26:53.7 +0.7

SHOC Shoshone, Teco 3.38 352 Pn 11:26:55.1 +0.6

QSM Queen of Sheba 3.55 345 Pn 11:26:56.9 +0.2

MPMC Manual Prospec 3.80 338 Pn 11:27:00.6 +0.1

IDC 28 12:15:22.7; 1.0, 5.5S; 10N; 163.38E, h0km, mb3.7/6, mbmp3.7/7, ML2.8/1, MS2.8/2, Error ellipse: s-maj=61.8km s-min=14.1km az=145

KRSC 12:15:24.9; 0.6, 5.19N; 163.24E, h0km, 17km, ML4.2

ISC 28 12:15:24.7; 0.5, 19N; 0.05, 163.27E; 0.05, h15km, n53, r1151/54, mb3.7/6, East coast of Kamchatka

Peninsula Code Station Name Az El AzE Phase ID Time Res

KBTR Krutoberegovo 1.05 346 eP ISC 11:25:44.5 -0.4

MKZ Mys Kozlova 1.09 235 eP Sg 11:25:47.0 -0.6

BKI Bering 1.55 88 eP Pg 11:25:52.9 -1.6

BKI Zelenaya 1.62 302 eS Pg 11:25:53.4 +0.5

BZGR Bezmyanniy-Gr 1.64 298 eP Pg 11:25:53.1 0.0

TUMD Tumrok D 1.64 237 eP Pg 11:25:54.1 +0.1

CIRR Tsirk 1.70 304 eP Pg 11:25:54.6 +0.6

SMKR Semkarok 1.72 325 eP Pg 11:25:54.8 +0.6

BZMR Bezmyannaya 1.75 296 eP Pg 11:25:54.3 -0.3

BZWR Bezmyanniy-We 1.75 297 eP Pg 11:25:55.3 +0.5

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like ASAR, ESDC.

NEIC 28 12:16:31.4; 1.2, 5.90S; 0.08, 153.6E; 0.1, h88km, 7km, mb4.3/16, Error ellipse: s-maj=18.1km s-min=7.7km az=59.0

IDC 28 12:16:31.4; 1.3, 5.94S; 153.53E, h83km, 10km, mb4.0/18, mbmp4.4/21, MS3.5/14, Error ellipse: s-maj=15.2km s-min=9.3km az=63.0

ISC 28 12:16:32.6; 0.5, 5.93S; 0.06, 153.53E; 0.07, h100km, n65, r095/57, mb4.3/25, New Ireland region

RABL Rabaul 2.20 322 Pn Pn 12:17:06.3 -1.5

KRVT Port Moresby 7.20 241 P Pg 12:17:33.0 -1.9

PMG Port Moresby 7.20 241 P Pg 12:18:13.3 -1.8

PMG Port Moresby 7.20 241 P Pg 12:18:13.3 -1.8

HNR Honiara 7.25 119 Pn 12:18:15.0 -0.8

HNR Honiara 7.25 119 Pn 12:18:14.4 -1.4

CTA Charters Town 15.75 206 P Pg 12:20:11.3 +0.6

DZM Mont Dzumac 20.33 143 P Pg 12:21:00.9 -3.0

GUMO Guam 21.22 336 P Pg 12:21:10.6 +0.1

GUMO Guam 21.22 336 P Pg 12:21:10.9 +0.4

WBD Warranguna Arr 23.14 232 P Pg 12:21:30.6 +0.2

WRB Warranguna Arr 23.16 231 P Pg 12:21:28.9 -1.6

WRA Warranguna Arr 23.28 231 P Pg 12:21:31.7 0.0

WRA Warranguna Arr 23.28 231 P Pg 12:21:30.6 -1.1

INKA Innaminka 24.86 208 P Pg 12:21:46.6 +0.7

ASAR Alice Springs 25.84 225 P Pg 12:21:55.0 +0.1

ASAR Alice Springs 25.84 225 P Pg 12:21:54.9 0.0

ASAR Alice Springs 25.84 225 P Pg 12:25:23.1 +1.2

ASAR Alice Springs 25.84 225 P Pg 12:25:42.6 -0.6

H11S3 WAKE ISLAND Hy 27.52 28 T T 12:50:24.4

H11S2 WAKE ISLAND Hy 27.53 28 T T 12:50:30.9

H11S1 WAKE ISLAND Hy 27.54 28 T T 12:50:31.9

STKA Stephens Cross 28.12 202 P Pg 12:22:15.7 +0.5

STKA Stephens Cross 28.12 202 P Pg 12:32:40.5

FITZ Fitzroy Crossi 29.78 244 LR LR 12:35:45.3

FITZ Fitzroy Crossi 29.78 244 P Pg 12:22:29.4 -0.7

DAV Davao City (W) 30.74 294 LR LR 12:35:11.3

KAPI Kappang 33.63 270 LR LR 12:38:31.1

RAR Rarotonga 47.66 113 LR LR 12:42:56.0

KSRS Korea Array 49.33 333 P Pg 12:25:12.1 +0.4

PPT Papeete 56.70 107 LR LR 12:47:20.4

KLR Kul'dur 58.13 343 P Pg 12:26:16.2 +0.5

PETK Petropavlovsk 58.92 3 P Pg 12:26:21.0 -0.1

PETK Petropavlovsk 58.92 3 P Pg 12:52:04.6

CMAR Chiang Mai Arr 59.02 296 P Pg 12:26:21.9 -0.6

SHEM Shemya Is 61.00 14 LR LR 12:48:31.7

MA2 Magadan 65.34 358 LR LR 12:56:10.6

GTA2 Gaotai 67.05 317 eP pP 12:27:18.3 +2.9

SHL Shilong 67.51 301 P Pg 12:27:18.4 -0.2

SONM Songino Array 67.67 328 P Pg 12:27:20.7 +1.6

SONM Songino Array 67.67 328 P Pg 12:58:04.4

VNDA Vanda 71.68 178 P Pg 12:27:43.8 +0.7

VNDA Vanda 71.68 178 P Pg 12:27:42.8 -0.2

28d 13h

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like Bella Bella, Indian Mountain, Pine Spring, etc.

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like Bella Bella, Indian Mountain, Pine Spring, etc.

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like Bella Bella, Indian Mountain, Pine Spring, etc.

2020 AUG

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like TWGBT, TWG Pinlang, TWG, etc.

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like TWGBT, TWG Pinlang, TWG, etc.

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like TWGBT, TWG Pinlang, TWG, etc.

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Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like EWUT Wuta, LATG Datong, EOSS EOSS, etc.

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like EWUT Wuta, LATG Datong, EOSS EOSS, etc.

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like EWUT Wuta, LATG Datong, EOSS EOSS, etc.

NOU 28 13:49:37.6, 20:42'S: 174:99'W, h189km, mb4, 4/28, Tonga Islands

NEIC 28 13:49:43.0, 20:78'S: 0:08:17.6, 2W:0.2, h149km, 7km, mb4/21, Error ellipse: s-maj=21.8km s-min=9.7km az=109.0

IDC 28 13:49:51.5, 3:2:20:84'S: 0:08:17.6, 46W, h223km, 27km, mb3.5/12, mbtmp.4/13, Error ellipse: s-maj=22.6km s-min=15.7km az=113.0

ISC 28 13:49:48.2, 20:4, 20:73'S: 0:08:17.5, 97'W:0.06, h211km, n81, c210/76, mb4.2/21, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, H, M, S, Res. Includes stations like NIUE Niue, MSVF Nonsavu, AFI Afiamau, etc.

URZ	5.7nm,0.3s,baz=342,slow=6.4,SNR=14	S	S	13 56 51.4	-16
URZ	2.9nm,0.4s,baz=90,slow=20,SNR=8.4	P	P	13 53 45.2	-3.1
BKZ	Black Stump Fm	17 47 197	P	13 58 56.9	-2.9
QRZ	Quartz Range	22 30 204	P	13 54 25.8	-2.4
TRZ	Tophouse	22 30 204	P	13 54 33.1	-1.3
KHZ	Kahutara	23 36 200	P	13 54 35.8	-1.9
KHZ	Kahutara	23 36 200	P	13 56 37.7	+3.2
OXF	Oxford	26 62 201	P	13 54 47.9	-1.7
JCZ	Jackson Bay	26 51 205	P	13 55 04.0	-2.3
ODZ	Otahua Downs	26 65 201	P	13 55 04.9	-2.5
ODZ	Otahua Downs	26 65 201	S	13 59 29.4	+2.8
EIDS	Eidsvold	30 62 255	P	13 55 42.3	-0.5
EIDS	Eidsvold	30 62 255	S	14 00 38.9	+9.4
EIDS	Eidsvold	30 62 255	P	13 55 11.4	+1.4
EIDS	Eidsvold	30 62 255	Iamb	13 56 14.9	
CTA	Charters Tower	35 36 264	P	13 56 23.2	-0.7
CTA	Charters Tower	35 36 264	P	13 56 23.2	-0.7
CTAO	Charters Tower	35 36 264	S	14 01 51.0	+8.4
CTAO	Charters Tower	35 36 264	P	13 56 22.5	-1.4
CMSA	Cobar Meteorol	35 90 245	P	13 56 27.2	-1.2
CMSA	Cobar Meteorol	35 90 245	S	14 01 59.7	+9.1
OLP	Stephens Creek	36 81 253	P	13 56 55.9	-1.5
STKA	Stephens Creek	39 41 245	P	13 56 55.9	-1.8
STKA	Stephens Creek	39 41 245	PcP	13 59 03.3	+1.7
STKA	Stephens Creek	39 41 245	P	13 56 56.0	-1.8
BBOO	Buckleboob	44 15 244	P	13 57 33.9	-2.2
BBOO	Buckleboob	44 15 244	Iamb	13 58 09.1	
AS31	Alice Springs	46 31 257	P	13 57 51.2	-2.1
ASAR	Alice Springs	46 32 257	P	13 57 51.5	-1.8
ASAR	Alice Springs	46 32 257	PcP	13 59 25.1	+0.1
ASAR	Alice Springs	46 32 257	P	13 57 50.8	-2.5
ASAR	Alice Springs	46 32 257	PcP	13 59 25.4	+0.4
WB0	Warramunga Arr	47 43 262	P	13 57 51.8	-2.4
WB0	Warramunga Arr	47 43 262	Iamb	13 57 53.7	
WB2	Warramunga Arr	46 44 262	P	13 57 52.7	-1.6
WB2	Warramunga Arr	46 44 262	Iamb	13 57 53.3	
WRA	Warramunga Arr	46 45 262	P	13 57 52.2	-2.2
WRA	Warramunga Arr	46 45 262	PcP	13 59 25.6	+0.1
WRA	Warramunga Arr	46 45 262	P	13 57 52.1	-2.2
FORT	Forrest	50 95 247	P	13 58 26.7	-1.7
FORT	Forrest	50 95 247	Iamb	13 58 29.2	
FITZ	Fitzroy Crossi	54 88 262	P	13 58 55.3	-2.0
VNDA	Vanda	57 86 186	P	13 59 18.1	+0.8
VNDA	Vanda	57 86 186	PcP	13 59 17.1	-0.3
VNDA	Vanda	57 86 186	Iamb	13 59 24.3	
VNDA	Vanda	57 86 186	Iamb	13 59 24.3	
MBWA	Marble Bar	59 66 257	P	13 59 29.3	-1.4
MORW	Morawa	61 50 247	P	13 59 41.3	-1.7
QSPA	South Pole Qui	69 34 180	P	14 00 33.8	+1.1
QSPA	South Pole Qui	69 34 180	P	14 00 33.7	+0.9
QSPA	South Pole Qui	69 34 180	Iamb	14 00 49.8	
QSPA	South Pole Qui	69 34 180	Iamb	14 00 49.8	
MJAR	Matsushiro Arr	71 53 322	P	14 00 46.8	+0.5
MJAR	Matsushiro Arr	71 53 322	P	14 00 47.0	+0.7
PETK	Petropavlovsk	76 99 344	P	14 01 18.2	+0.9
PETK	Petropavlovsk	76 99 344	P	14 01 18.2	+0.9
PETK	Petropavlovsk	76 99 344	P	14 01 18.7	+1.3
INVAR	Mina Concepcio	79 90 427	P	14 01 38.2	+4.3
MAW	Mawson	81 99 199	P	14 01 44.9	+0.8
MAW	Mawson	81 99 199	P	14 01 44.7	+0.6
K15K	Wolf Creek Mout	83 53 7	P	14 01 54.7	+2.7
K15K	Wolf Creek Mout	83 53 7	Iamb	14 01 56.7	
L18K	Granite Mounta	84 08 9	P	14 01 57.9	+3.1
L18K	Granite Mounta	84 08 9	Iamb	14 02 00.9	
H03S2	Juan Fernandez	84 29 124	T	15 34 26.2	
H03S1	Juan Fernandez	84 31 124	T	15 34 34.1	
H03S3	Juan Fernandez	84 31 124	T	15 34 27.6	
J18K	Innoko River	85 27 9	P	14 02 03.5	+2.8
J18K	Innoko River	85 27 9	Iamb	14 02 10.3	
TXAR	Lajitas Arr	85 59 57	P	14 02 06.9	+3.7
GLB	Gilahina Butte	85 86 15	P	14 02 06.9	+3.2
GLB	Gilahina Butte	85 86 15	Iamb	14 02 16.9	
ILAR	Eielson Array	88 13 12	P	14 02 16.5	+2.1
CMAR	Chiang Mai Arr	91 98 289	P	14 02 32.4	-1.1
MKAR	Makanchi Array	112 74 313	PKIKP	14 08 01.2	+1.5
KURBB	Kurchatov Arr	115 50 317	PKIKP	14 08 04.9	+0.1
BVAR	Borovoye Array	120 47 320	PKIKP	14 08 13.6	-0.8
FINES	FINES Array B	136 51 345	PKIKP	14 08 46.1	-0.1
HFS	Hagfors	140 04 352	PKHkP	14 08 45.3	
AKASG	Malin Array Be	144 11 332	PKP	14 08 58.2	-0.3
EKA	Eskdalemuir Ar	145 03 7	PKPbc	14 09 02.2	-1.7
BRTR	Keskin Array B	148 39 313	PKPbc	14 09 11.2	-0.3
MMAI	Mount Meron Ar	149 57 300	PKPbc	14 09 15.1	+1.1
GERES	GERES Array B	150 89 347	PKIKP	14 09 18.0	+1.7
GERES	GERES Array B	150 89 347	PKPab	14 09 26.3	+2.5
TORD	Tordi Ar. Bea	172 14 163	PKP	14 09 32.9	+0.4
EALB	Alboran	0 81 49	Pg	13 50 50.6	0.0
EALB	Alboran	0 81 49	Pg	13 50 50.6	0.0

EALB	Alboran	0 81 49	Pg	13 50 50.6	0.0
EMAL	Malaga-Limoner	1 44 339	Pn	13 51 00.3	-0.9
AKLM	AKL	0 90 184	Pb	13 51 00.4	-0.9
AKLM	AKL	0 90 184	Pb	13 50 50.6	-1.6
CHFC	Chefchaouen	1 31 257	S	13 51 01.1	-2.9
CHFC	Chefchaouen	1 31 257	S	13 51 01.1	-2.9
SMIR	Smir Dam	1 32 282	P	13 51 12.2	-3.6
SMIR	Smir Dam	1 32 282	P	13 50 57.9	-0.9
SMIR	Smir Dam	1 32 282	P	13 51 12.2	-3.6
SMIR	Smir Dam	1 32 282	P	13 50 57.9	-0.9
CEUTA	Ceuta	1 38 291	Pn	13 51 13.4	-2.7
CEUTA	Ceuta	1 38 291	Pn	13 50 59.0	-0.5
CEUTA	Ceuta	1 38 291	Pn	13 51 15.5	-2.0
CEUTA	Ceuta	1 38 291	Pn	13 51 15.5	-2.0
CEUTA	Ceuta	1 38 291	Pn	13 51 15.5	-2.0
MIJAS	Mijas	1 40 325	Pn	13 51 17.1	
MIJAS	Mijas	1 40 325	Pn	13 51 00.4	+0.3
MIJAS	Mijas	1 40 325	Pn	13 51 19.0	+0.7
MIJAS	Mijas	1 40 325	Pn	13 51 01.1	+0.4
MIJAS	Mijas	1 40 325	Pn	13 51 01.4	-0.4
MIJAS	Mijas	1 40 325	Pn	13 51 19.0	+0.7
MIJAS	Mijas	1 40 325	Pn	13 51 19.0	+0.7
MALAGA	Malaga-Limoner	1 44 339	Pn	13 51 22.1	
MALAGA	Malaga-Limoner	1 44 339	Pn	13 51 01.1	-0.3
LOS GUAJARES	Los Guajares	1 46 5	Pn	13 51 20.5	+1.0
LOS GUAJARES	Los Guajares	1 46 5	Pn	13 50 59.8	-0.9
LOS GUAJARES	Los Guajares	1 46 5	Pn	13 51 19.2	-0.3
LOS GUAJARES	Los Guajares	1 46 5	Pn	13 50 59.8	-0.9
LOS GUAJARES	Los Guajares	1 46 5	Pn	13 51 18.8	-0.7
JBK	JBK	1 47 137	Pg	13 51 25.0	+1.3
JBK	JBK	1 47 137	Pg	13 51 23.3	+0.9
JBK	JBK	1 47 137	Pg	13 51 02.9	-0.5
JBK	JBK	1 47 137	Pg	13 51 22.7	-1.7
JBK	JBK	1 47 137	Pg	13 51 03.3	-0.1
BERJA	Berja	1 65 26	Pn	13 51 23.4	+0.9
BERJA	Berja	1 65 26	Pn	13 51 31.3	
BERJA	Berja	1 65 26	Pn	13 51 05.5	-0.6
BERJA	Berja	1 65 26	Pn	13 51 04.8	+0.6
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 26.4	+0.5
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 26.4	+0.5
JIMENA FRONTER	Jimena Fronter	1 71 308	Pn	13 51 30.5	
JIMENA FRONTER	Jimena Fronter	1 71 308	Pn	13 51 25.5	+0.9
JIMENA FRONTER	Jimena Fronter	1 71 308	Pn	13 51 05.8	+0.2
JIMENA FRONTER	Jimena Fronter	1 71 308	Pn	13 51 28.4	+0.2
JIMENA FRONTER	Jimena Fronter	1 71 308	Pn	13 51 38.0	
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 05.8	+0.3
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 05.8	+0.3
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 26.5	-1.7
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 26.5	-1.7
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 07.6	-0.7
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 31.0	-2.1
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 07.9	-0.4
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 31.1	-2.0
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 33.4	
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 11.2	+0.3
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 38.9	+1.2
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 13.2	-1.4
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 12.0	+1.0
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 54.3	
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 16.4	+2.0
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 43.1	-1.0
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 49.0	
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 18.4	+1.2
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 18.8	+1.3
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 50.5	+0.7
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 20.9	+1.5
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 20.4	+1.1
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 52 04.7	
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 56.9	+1.9
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 23.1	+1.8
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 57.9	+1.3
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 22.0	+0.7
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 52 11.1	
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 24.5	+1.6
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 52 01.6	+2.3
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 27.6	+1.7
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 52 04.3	-0.6
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 33.2	+1.3
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 52 06.9	-0.5
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 31.8	+1.0
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 31.9	+1.2
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 52 12.9	-0.6
SIERRA GORDA	Sierra Gorda	1 71 351	Pn	13 51 03.6	-0.6
SIERRA GORDA	Sierra Gorda	1 71 351			

28d 15h

Table of seismic events with columns for station name, magnitude, depth, distance, and time. Includes stations like SUMG Summit, ARCES Arceces Array B, PZH Panzhihua, etc.

2020 AUG

Table of seismic events with columns for station name, magnitude, depth, distance, and time. Includes stations like WMOK Wichita Mountain, SBUW Sibiu, AKASG Malin Array, etc.

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Table of seismic events with columns for station name, magnitude, depth, distance, and time. Includes stations like URZ 79nm, 0.4s, URZ Urewera, etc.

ISCN 28 15:23:31.8+4.6, 32.99N, 46.20E, h25km, ML3.1, Presumed earthquake
TEH 28 15:23:34.4, 32.95N, 46.22E, h16km, 26km, ML3.2, Presumed earthquake
ISC 28 15:23:33.9, 2.1, 32.99N, 0.1, 46.21E, 0.1, h10km, n13, 0.065/14, Iran-Iraq border region

Table of seismic events with columns for station name, magnitude, depth, distance, and time. Includes stations like IGHG Ghaleghazi, KCHP Khatam Sefid, IDHR Dehrasht, etc.

Table of seismic events with columns for station name, magnitude, depth, distance, and time. Includes stations like MRZ Mangatainoka R, CPWZ Castlepoint, OHGW Otahouka, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like Bonanza Creek, Kilae Creek, Dolgo Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like Great Barrier, Urewera, Waiomatatini S, etc.

IDC 28 15:47:03.7±0.4, 36°76'S±177°21'E, h0km, mb4.8/22, m1mp4.8/26, ML4.3/3, MS5.0/48, Error ellipse: s-maj=15.2km s-min=10.1km az=82.0

NOU 28 15:47:03.9, 36.84S±177.08E, h0km, mb5.3/35, Off E. Coast of N. Island, N.Z.

WEL 28 15:47:04.0, 36.77S±177.10E, ML5.2, Mw5.5, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn:0.55; Mw:0.42; Ms:2.15; Mv:0.25; Mw:1.32; Mw:0.89;

FAULT plane solution: M2.270000x10^17 NP1: 0±159.00000°, 88.00000°, λ-153.00000°. NP2: 0±68.00000°, 88.00000°, λ-2.00000°. Principal axes: T 2.1702, Plg17.0000°, Azm290.0000°; N -0.2259, Plg63.0000°, Azm162.0000°; P -1.9443, Plg20.0000°;

NEIC 28 15:47:05.8±2.0, 36.9S±177.19E±0.07, h10km, 1km, mb5.3/29, Ms 2.0, 5.3/517, Mw5.5/31, Mw5.6/21, Error ellipse: s-maj=17.5km s-min=9.6km az=9.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm;

NEIC 28 15:47:05.9±2.1, 36.80S±177.03E, h11km, mb5.4/15, MS5.1/13, Error ellipse: s-maj=13.7km s-min=10.4km az=107.8

NEIC 28 15:47:06.36±92S±177.18E, h10km GFZ 28 15:47:07.3, 36.93S±176.92E, h15km, Mw5.6/36, Moment Tensor Solution. Moment tensor: Scale 10^17Nm;

GCMT 28 15:47:09.0±0.1, 36.82S±177.13E±0.01, h12km, Mw5.6/58, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; s117.2±15.8, c303; Duration: 1.5s; Moment tensor: Scale 10^17 Nm; Mn:-0.9±0.3; Mw:1.4±0.3; Ms:2.4±0.2; Mv:0.4±0.1;

NEIC 28 15:47:11.2, 36.91S±177.19E, h20km, Moment Tensor Solution. Duration: 2.7; Moment tensor: Scale 10^17Nm; Mn:-0.25; Mw:1.58; Ms:1.83; Mv:0.67; Mw:1.89; Mw:0.48;

ISC 28 15:47:06.4±0.6, 36.90S±177.08E±0.03, h8km, 3km, h8km±p-P, n946, z269/680, mb5.4/141, MS5.3/313, 46C-36D, Off east coast of North Island

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like Edgecumbe, Thames High Sc, Te Araroa Dist, etc.

WEL 28 15:46:06.1±0.7, 37°S±177°E, h5km, M3.2/14, ML5.0/14, MS3.2/14, Error ellipse: s-maj=3.2km s-min=3.2km az=26.9, confirmed, Off east coast of North Island

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

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Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

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Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

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Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Code Station Name Δ° AZ° Phase ID Time Res. Includes stations like White Island S, White Island, Mayor Island, etc.

Table with columns: WUAZ, Wupatki, 97.97, 51, IAMS_20, IAMS_20, 16 37 36.5, etc. Includes rows like M13K, CMIG, Q19K, MA2, BT02, etc.

Table with columns: BWN, Browne, 104.15, 14, IAMS_20, IAMS_20, 16 39 43.7, etc. Includes rows like BOZ, ISCO, F17K, P32M, O30N, etc.

Table with columns: U49A, Red Boiling Sp, 115.75, 63, IAMS_20, IAMS_20, 16 49 49.1, etc. Includes rows like I40A, WCI, M44A, G40A, L44A, etc.

Table with columns: MODS, Modra-Piesok, 3.27 166, ePN, Pn, 15 48 47.6 +1.6, etc. Includes various station names like San Pedro de A, IPOC Station P, etc.

Table with columns: AF01, eS, IAML, Sn, 15 53 05.4 +1.0, etc. Includes various station names like San Pedro de A, IPOC Station P, etc.

Table with columns: QSPA, South Pole Qui, 65.89 180, P, Iamb, P, 16 02 52.3 +2.3, etc. Includes various station names like Pinedale Array, White Island S, etc.

IDC 28 15:52:17.3z.2.4.26S:67.85W, h109km, 20km, mb3.8/4, mbmp4.27, Error ellipse: s-maj=31.6km s-min=18.3km az=108.0

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

IDC 28 15:52:17.0z.8.2431S:0.03z.68.08W, h125km, 8km, n83, r1946/106, mb3.7/3, CChile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAGZ Rawiri, TKGZ Te Karaka, MUGZ Murupara, HRRZ Handcock Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like O18K Koktuh Hills, H18K Honhosa Rivers, C19K Lookout Ridge, CNPM China Pool, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, PB16 IPOC Station P, etc.

Table with columns: STATION, CODE, NAME, AZ, PHASE, ID, H, M, S, RES, ISC. Includes stations like STUZYHTA, BOSS, KOLIS, BARS, etc.

Table with columns: STATION, CODE, NAME, AZ, PHASE, ID, H, M, S, RES, ISC. Includes stations like SUZU, OHR, SUSA, etc.

Table with columns: STATION, CODE, NAME, AZ, PHASE, ID, H, M, S, RES, ISC. Includes stations like LDG, MRB, SFS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WIZ Mayor Island, MYRZ Te Kaha, WHRZ Whale Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WTVZ Taurewa, TWVZ South Ngauruho, SNVZ Ngauruhoe, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ASAR comp=2.0,7nm,0.7s, IPM Ipoah, KULM Kulim, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IMRD, VMUR, NAX, HAKT, HAHA, GEVA, ORD, SBZ, ITBZ, HYR, HDN, DYDN, IAZR, CUKT, IGD, ADCV, PERV, DORK, KOTA, BLIS, IHR, SRM, QRD, MUM, GDB, AGDM, GANJ, OZX, BRD, YRD, LER, LRK, GLBA, LKRN, ASTR.

ICD 29 00:15:34.4.2.21.55N:143.09E, h312km,22km, mb3.6/22,mbtmp4,3/25,Error ellipse: s-maj=16.0km, s-min=9.8km az=76.0

NEIC 29 00:15:34.3.1.4.21.50N:143.10E, h1306km,7km, mb4.1/80,Error ellipse: s-maj=20.7km s-min=15.3km az=84.0

ISC 29 00:15:34.4.0.6.21.56N:0.084133E,0.1,h311km,n21, o=882/120,mb4.0/61,AZ' Phase ID

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GUMO, JHUJ, JHJ, JMN, MJAR, KSRS, USRK, HILR, SONM, CMAR, WRA, FITZ, ASAR, ZALV, MKAR, N17K, J17K, M17K, K17K, H17K, O18K, KURK, NRIK, J19K, KDAK, G19K, C19K, E19K, K20K, M20K.

Main table with columns: J20K, Nowinta River, B00M, Boomskooye ush, F20K, Avaraart Lake, D20K, Etiluvik River, PPLA, Purkeypile, BRLK, Bradley Lake, IMAR, Indian Mountain, B20K, Meade River, GZ1K, Alakaket, SUA, Susitna One, H21K, Melozitna Rive, H21K, Skilak Lake, SLKM, Skilak Lake, SLKM, Skilak Lake, F21K, Alana River, I21K, Tanana River, H22K, Ishlaltina Cre, GHO, Glory Hole Cre, GHO, D22K, Ayikkar River, PWL, Port Wells, I23K, Minto, Yukon-K, I23K, Bananza Creek, G23K, Bananza Creek, G23K, Yukon River, H23K, Yukon River, H23K, Sheep Creek Mo, SCM, Wood River Hill, WRH, Wood River Hill, E23K, Chandalar, E23K, CCB, Clear Creek Br, C23K, Itkiliik River, HIN, Hinchinbrook I, H24K, Noodor Dome, H24K, Your Creek, E24K, Your Creek, E24K, IL31, Elsiel Array, ILAR, Elsiel Array, ILAR, Elsiel Array, ILAR, Klutina, D24K, Happy Valley, F24K, Squaw Lake, B24K, Borovoye Array, BORK, Borovoye, BORK, Borovoye, BMRM, Bremner River, BMRM, Galcha River, J25K, Galcha River, KARAT, Karatay Array, F25K, Christian River, D25K, Kavik River, GLB, Gilahina Butte, GLB, BMAR, Burnt Mountain, F26K, Sheenjek River, C27K, Jago River, C27K, BCAR, Beaver Creek A, I27K, Kanderik River, I27K, Doyon Strip, G27K, Steamboat Moun, E27K, Colean River, E27K, I28M, Miner Creek, KBL, Kabul, E28M, Babbage River, E28M, Somme Creek, M29M, Somme Creek, M29M, H29M, Whitestone, L29M, Pine Creek, G29M, Pine Creek, G29M, Barlow Dome, K29M, Mount Doster, I30M, Hart River, J30M, Barrier River, F30M, Satah River, G31M, Peeli River, AB31, Akbulak array, ABKAR, Akbulak array, YKAW3, Yellowknife Wh, YKAW, Yellowknife Ar, YKAW, Yellowknife Ar, YKAW1, Yellowknife Ar, ARCES, ARCES Array B, ARCES, Colville Reser, B08A, Klamath Falls, L04D, Khabaz, BEKR, Khabaz, K20K, Khabaz, FINES, Mina Array Bea, NVAR, Battle Mountain, BMN, Hebgan Lake, YHL, Hebgan Lake, YHL.

Table with columns: PDAR, Pinedale Array, PDAR, Pinedale Array, NOA, NORARS Array B, PLCA, Paso Flores, PLCA, Paso Flores, LPAZ, La Paz, IDC 29 00:17:25.0.0.7, 16.37N:121.03E, h0km, mb3.9/14, mbtmp4.0/15, ML3.8/1, MS3.2/3, Error ellipse: s-maj=17.2km s-min=14.3km az=74.0, MAN 29 00:17:26.0.1.16, 52N:120.98E, h2km, MS4.2, ISC 29 00:17:27.0.1.17, 16.44N:0.04:120.99E,0.04,h11km,n12km, n25,-i168/31,mb4.0/14,Luzon, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BOLP, Boiano, G10P, Hakatae, PALP, Palanan, SIPP, Brgy, Tapao, PACPP, Pamplona Cagay, TGJ, Tagaytay City, LQP, Lukban, LQP, Guinayanang, GOP, Guinayanang, PLP, Palo, QIZ, Qiongzhong, QIZ, LuoYang, CMAR, Chiang Mai Arr, CMAR, Korea Array, KSRS, Songino Array, FITZ, Fitzroy Crossi, WRA, Warramunga Arr, ASAR, Alice Springs, MKAR, Makanchi Array, PETK, Petropavlovsk, KURBB, Kurchatov Arr, STKA, Stephens Creek, ILAR, Lefkada island, FINES, FINESS Array B, AKASG, Malin Array Be, NOA, NORARS Array B, ATH 29 00:17:40.7.38.75N-20.53E, h12km,1km,ML1.3/7, Latitude uncertainty: 0 km; Longitude uncertainty: 1 km, Greece, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DRAG, Dragano-Lefkad, LK2D, Lefkada island, LK2D, Lefkada island, TSLK, Tsoukalades, L, TSLK, Nydri-Lefkada, EVGI, Lefkada island, EVGI, Fiskardo, PDO, Prodomos, ARTS, Arta, VLS, Valsamata, VLS, Ratzaki, Kefa, PLEV, Plevrona-Mesol, PLEV, Paravola, TETR, Tetrakomo, Epi, TETR, Araxos, PRMD, Pramanda, ORTH, Orthonies,Zaky, ORTH, Agriapodikambos, AGRP, Agriopos, AGRP, Riapos of Patr.

THAS	Thassos island	3.51	72	P	Pn	00 19 23.8 +0.9
THAS	Thassos island	3.51	72	P	Pn	00 19 23.8 +0.9
VLJ	Veliai	3.54	144	P	Pn	00 19 25.8 +2.6
VLJ	Veliai	3.54	144	P	AML	00 19 25.9 +2.6
MARCO	Tramutola	3.55	283	P	Pn	00 19 26.6 +3.0
BRY	Bratogost	3.56	338	ePn	Pn	00 19 24.2 +0.4
BRY	Bratogost	3.56	338	iPn	Pn	00 19 25.0 +1.2
KARY	Karystos	3.57	115	P	Pn	00 19 26.1 +2.4
KARY	Karystos	3.57	115	P	Pn	00 19 26.2 +2.4
SELS	Selova	3.66	9	ePn	Pn	00 19 36.9 +2.1
SELS	Selova	3.66	9	ePn	Pg	00 20 28.9 +2.5
SELS	Selova	3.66	356	ePn	Pn	00 19 26.8 +1.7
SJES	Sjenica	3.66	356	ePn	Pn	00 20 09.5 +1.4
SJES	Sjenica	3.66	356	iPn	Pn	00 19 26.3 +1.9
PLNA	Plana	3.70	38	P	Pn	00 19 28.0 +2.4
CEL	Celeste	3.71	250	P	Pn	00 19 26.6 +0.8
CEL	Celeste	3.71	250	Pn	Pn	00 19 26.8 +1.0
CEL	Celeste	3.71	250	P	AML	00 19 26.8 +1.0
CEL	Celeste	3.71	250	P	AML	00 19 27.1 +1.3
VTS	Vitohsa	3.72	35	P	Pn	00 19 27.7 +1.7
VTS	Vitohsa	3.72	35	P	Pn	00 19 27.8 +1.8
VTS	Vitohsa	3.72	35	P	Pn	00 19 28.5 +2.5
VTS	Vitohsa	3.72	35	ePn	Pn	00 19 28.0 +2.0
LIA	Limnos Island	3.75	84	P	Pn	00 19 27.1 +1.5
LIA	Limnos Island	3.75	84	P	Pn	00 19 27.9 +1.7
UPM	Unac-Piva	3.75	344	ePn	Pn	00 19 27.8 +1.4
UPM	Unac-Piva	3.75	344	iPn	Pn	00 19 27.5 +1.1
UPM	Unac-Piva	3.75	344	iPn	Sn	00 20 10.8 +0.4
PLE	Pljevlja	3.79	349	iPn	Pn	00 19 28.8 +1.9
PLE	Pljevlja	3.79	349	iPn	Sn	00 20 12.9 +1.2
PLE	Pljevlja	3.79	349	iPn	AML	00 20 12.9 +1.2
KLINJ	Klinje	3.80	340	ePn	Pn	00 19 27.6 +0.6
STON	Ston	3.82	330	ePn	Pn	00 19 26.9 +0.3
STON	Ston	3.82	330	ePn	Sn	00 19 10.5 +1.3
SOF	Sofia	3.83	36	P	Pn	00 19 31.4 +4.1
BLSH	Balsha	3.94	33	P	Pn	00 19 32.1 +3.3
RZN	Rozhen	3.95	57	P	Pn	00 19 30.8 +1.7
IVAS	Ivanjica	3.97	358	ePn	Pn	00 19 29.7 +0.4
KTHA	Kythira Island	3.98	146	P	Pn	00 19 32.7 +3.3
KTHA	Kythira Island	3.98	146	P	AML	00 19 32.7 +3.3
KTHA	Kythira Island	3.98	146	P	AML	00 19 33.0 +3.6
KTHA	Kythira Island	3.98	146	P	AML	00 19 33.0 +3.6
ZAPS	Zavoj	4.05	24	ePn	Pn	00 19 32.5 +2.1
SMTH	Samothraki Isl	4.08	76	P	Pn	00 19 31.7 +0.9
SMTH	Samothraki Isl	4.08	76	P	Pn	00 19 32.0 +0.9
SGRT	San Giovanni R	4.10	303	Pn	Pn	00 19 31.4 +0.3
SGRT	San Giovanni R	4.10	303	Pn	Pn	00 19 33.4 +2.3
PGB	Panagyurishte	4.11	14	P	Pn	00 19 33.4 +1.6
BOVS	Bovan	4.16	14	ePn	Pn	00 19 32.9 +1.0
PLD	Plodiv	4.20	51	P	Pn	00 19 33.8 +1.4
PLD	Plodiv	4.20	51	ePn	Pn	00 19 34.1 +1.7
RDO	Rodopi	4.26	67	P	Pn	00 19 34.5 +1.3
RDO	Rodopi	4.26	67	P	Pn	00 19 34.2 +1.0
RDO	Rodopi	4.26	67	P	Pn	00 19 34.8 +1.6
GRUS	Gruza	4.29	4	ePn	Pg	00 19 34.7 +0.7
GRUS	Gruza	4.29	4	ePn	Pg	00 19 34.7 +0.7
KDZ	Kurdzhali	4.31	60	P	Pn	00 19 35.5 +1.5
GADA	Gurgeda	4.32	80	P	Pn	00 19 35.6 +1.6
MHLO	Agia Marina, M	4.33	131	P	Pn	00 19 36.7 +2.6
MHLO	Agia Marina, M	4.33	131	P	AML	00 19 36.7 +2.6
MHLO	Agia Marina, M	4.33	131	P	AML	00 19 36.5 +2.3
MHLO	Agia Marina, M	4.33	23	ePn	Pn	00 19 36.7 +1.8
ANKY	Antikythira Is	4.41	147	P	Pn	00 19 38.2 +2.9
ANKY	Antikythira Is	4.41	147	P	AML	00 19 38.2 +2.9
ANKY	Antikythira Is	4.41	147	P	AML	00 19 38.2 +2.9
ZAGS	Zajecar	4.44	18	ePn	Pn	00 19 37.2 +1.5
DIVS	Divibare	4.50	357	ePn	Pn	00 19 37.2 +0.6
DIVS	Divibare	4.50	357	ePn	Pb	00 19 51.1 +3.5
DIVS	Divibare	4.50	357	ePn	Sn	00 20 27.2 +1.4
MPPE	Malo Peshtene	4.54	33	P	Pn	00 19 38.5 +1.3
ALN	Alexandroupoli	4.56	72	P	Pn	00 19 38.6 +1.3
ALN	Alexandroupoli	4.56	72	P	Pn	00 19 38.6 +1.3
ALN	Alexandroupoli	4.56	72	P	Pn	00 19 38.5 +1.3
ALN	Alexandroupoli	4.56	72	P	Pn	00 19 38.2 +1.0
CAVK	Edirne/Enez-Ch	4.60	74	iPn	Pn	00 19 42.2 +4.4
PRK	Paraskevi	4.61	93	P	Pn	00 19 40.9 +2.8
PRK	Paraskevi	4.61	93	P	Pn	00 19 40.7 +2.7
PRK	Paraskevi	4.62	1	P	AML	00 19 38.9 +0.8
TRUS	Trudelj	4.62	1	ePn	Pn	00 19 41.1 +3.0
CHOS	Chios island	4.62	103	P	Pn	00 19 41.2 +3.0
CHOS	Chios island	4.62	103	P	Pn	00 19 41.2 +3.0
CHOS	Chios island	4.62	103	P	Pn	00 19 42.1 +3.9
EZN	Ezine	4.62	85	Pn	Pn	00 19 40.9 +2.7
EZN	Ezine	4.62	85	Pn	AML	00 19 40.9 +2.7
PAOL	Paolisi	4.63	290	P	Pn	00 19 40.1 +1.7
BORS2	Bor-Borsko je	4.66	15	ePn	Pn	00 19 39.7 +1.0
BORS2	Bor-Borsko je	4.66	15	ePn	Pb	00 19 53.5 +3.3
DIM	Dimitrovgrad	4.67	57	P	Pn	00 19 41.0 +2.2
SVIS	Svitlajnac	4.70	8	ePn	Pn	00 19 41.4 +2.1
KUBS	Kucevo	4.91	11	ePn	Pn	00 19 41.6 +0.5
KUBS	Kucevo	4.91	11	ePn	Pn	00 19 45.0 +4.0
PLVB	Pleven	4.96	39	Pn	Pn	00 19 45.5 +2.6
TEKS	Tekeris	4.98	353	ePn	Pn	00 19 43.1 +0.0
TEKS	Tekeris	4.98	353	iPn	Pn	00 19 41.9 +1.2
IMMV	Iera Moni Meta	5.05	144	P	Pn	00 19 45.9 +1.8
IMMV	Iera Moni Meta	5.05	144	P	AML	00 19 46.3 +2.2
IMMV	Iera Moni Meta	5.05	144	P	Pn	00 19 46.6 +2.5
PUNG	Punginya	5.05	22	iPn	Pn	00 19 46.0 +1.9
PUNG	Punginya	5.05	22	ePn	Pn	00 20 01.6 +4.1
PUNG	Punginya	5.06	44	P	Pn	00 19 45.0 +0.8
PVL	Pavlikeni	5.06	44	P	Pn	00 19 46.2 +2.0
CMBO	Colombo, Santo	5.08	126	P	Pn	00 19 47.1 +2.6
KNDR	Palaiochora Ch	5.09	148	P	Pn	00 19 46.1 +1.5
KNDR	Palaiochora Ch	5.09	148	P	AML	00 19 46.1 +1.5
AVAS	Avala Beograd	5.09	1	ePn	Pn	00 19 44.7 +0.1
AVAS	Avala Beograd	5.09	1	ePn	Sn	00 20 41.5 +1.6
VAE	Valguarnera	5.11	247	Pn	Pn	00 19 46.2 +1.3
VAE	Valguarnera	5.11	247	Pn	Sn	00 20 47.4 +3.8
VAE	Valguarnera	5.11	247	Pn	Sn	00 20 47.4 +3.8
THERA	Ancient Thera	5.19	127	P	Pn	00 19 48.3 +2.3
THERA	Ancient Thera	5.19	127	P	Pn	00 19 49.3 +3.3
RAFF	Raffo Rosso	5.26	245	Pn	Pn	00 19 46.6 +0.3
MDVR	Moldovita	5.27	11	iPn	Pn	00 19 48.8 +1.6
MDVR	Moldovita	5.27	11	ePn	Pn	00 19 48.8 +1.2
MDVR	Moldovita	5.27	11	ePn	Pg	00 20 05.4 +4.5
VLAD	Vladia	5.34	33	iPn	Pn	00 19 51.0 +3.0
RMGR	Halanga-Turnu	5.35	18	iPn	Pn	00 19 51.4 +3.3
RTHF	Rethymno-Limn	5.36	141	P	Pn	00 19 49.9 +1.5
CRAR	CRAIOVA	5.38	28	iPn	Pn	00 19 51.8 +3.3
CRAR	CRAIOVA	5.38	28	iPn	Pn	00 19 51.8 +3.3
INTR	Introdacqua	5.44	298	Pn	Pn	00 19 50.6 +1.1
SRE	Strehajna	5.49	22	iPn	Pn	00 19 53.0 +2.9
SRE	Strehajna	5.49	22	iPn	Pn	00 19 52.0 +2.9
HERR	Herculeane	5.49	16	iPn	Pn	00 19 52.0 +1.8
UMB	Umbol	5.50	86	P	Pn	00 19 51.2 +1.0
FRGS	Fruska Gora	5.56	356	ePn	Pn	00 19 51.0 +0.1
FRGS	Fruska Gora	5.56	356	ePn	Sn	00 20 52.2 +2.6
FRGS	Fruska Gora	5.56	356	iPn	Pn	00 19 50.6 +0.5
VRSS	Vrsac	5.56	7	ePn	Pn	00 19 51.4 +0.3
VRSS	Vrsac	5.56	7	ePn	Pn	00 20 10.0 +4.3
SZH	Strazhitsa	5.60	47	P	Pn	00 19 53.4 +1.8
GVD	Gavdhos	5.62	147	P	Pn	00 19 52.8 +0.9
GVD	Gavdhos	5.62	147	P	AML	00 19 52.8 +0.9
GVD	Gavdhos	5.62	147	P	AML	00 19 53.8 +1.9
BALY	Balya	5.62	86	P	Pn	00 19 55.8 +3.8
IDI	Anoia	5.63	139	Pn	Pn	00 19 52.5 +0.4
IDI	Anoia	5.63	139	Pn	Sn	00 20 55.1 +1.4
IDI	Anoia	5.63	139	Pn	Sn	00 20 55.1 +1.4
IDI	Anoia	5.63	139	Pn	AML	00 19 52.3 +0.2
IDI	Anoia	5.63	139	Pn	Pn	00 19 52.4 +0.2

IDI	Banja Luka	5.65	337	AML	AML	00 19 53.5 +1.2
BLY	Banja Luka	5.65	337	P	Pn	00 19 52.2 +0.1
BLY	Banja Luka	5.65	337	ePn	Pn	00 19 53.0 +0.7
BLY	Banja Luka	5.65	337	iPn	Pn	00 19 52.7 +0.4
BLY	Banja Luka	5.65	337	P	Pn	00 19 53.3 +1.0
SIVA	Sivas	5.80	141	P	Pn	00 19 56.1 +1.7
BANR	Banloc	5.80	6	iPn	Pn	00 19 57.6 +3.2
COPR	Copaceanca	5.81	37	iPn	Pn	00 19 57.2 +2.7
AGU	L'Aquila	5.92	300	P	Pn	00 19 55.8 +0.3
AQU	L'Aquila	5.92	300	P	Pn	00 19 55.8 +0.3
AQU	L'Aquila	5.92	300	ePn	Pn	00 19 58.5 +2.4
AQU	L'Aquila	5.92	300	Pn	Pn	00 19 59.5 +3.4
AQU	L'Aquila	5.92	300	P	AML	00 19 59.9 +3.8
WDD	Wied Dalam	5.95	233	P	Pn	00 19 55.6 +0.8
WDD	Wied Dalam	5.95	233	P	Pn	00 19 56.6 +0.2
BAND	Balkesir-Ban	6.01	80	iPn	Pn	00 20 01.3 +4.0
HUMR	Humele	6.01	34	iPn	Pn	00 20 01.7 +4.4
HUMR	Humele	6.01	34	P	Pn	00 20 00.8 +3.5
NPS	Neapolis	6.03	134	P	Pn	00 19 58.2 +0.6
GZR	Gura Zlata	6.06	17	iPn	Pn	00 20 00.8 +2.8
GZR	Gura Zlata	6.06	17	iPn	Pn	00 20 00.8 +2.8
GZR	Gura Zlata	6.06	17	iPn	Pn	00 19 59.9 +1.9
BZS	Buzias	6.08	9	ePn	Sn	00 21 05.6 +1.5
BZS	Buzias	6.08	9	ePn	Pn	00 19 59.5 +1.3
BZS	Buzias	6.08	9	ePn	Pn	00 19 58.7 +0.5
BZS	Buzias	6.08	9	ePn	Pn	00 19 59.2 +0.9
RAZG	Razlog	6.09	47	iPn	Pn	00 20 00.9 +2.6
AYDN	Tasoluk	6.22	106	P	Pn	00 20 03.9 +3.8
SGRR	Singureni	6.24	41	iPn	Pn	00 20 03.8 +3.4
STFAR	Stefanesti-Arg	6.28	32	iPn	Pn	00 20 05.5 +4.6
IRMA	Irma	6.30	304	P	Pn	00 20 02.0 +0.8
NRCA	Narciso	6.33	303	P	Pn	00 20 02.9 +1.2
CTYL	Yalikoy Yolu	6.34	70	Pn	Pn	00 20 03.4 +1.6
CTYL	Yalikoy Yolu	6.34	70	Pn	AML	00 20 04.7 +2.5
LOT	Lotru	6.37	22	iPn	Pn	00 20 04.5 +2.2
LOT	Lotru	6.37	22	iPn	Pn	00 20 04.5 +2.2
NEF	NEVSHA	6.37	53	P	Pn	00 20 05.1 +2.9
NEF	NEVSHA	6.37	53	P	Pn	00 20 04.5 +2.3
PRVA	Prvada	6.41	54	iPn	Pn	00 20 04.3 +1.1
ZKR	Zakros	6.48	132	P	Pn	00 20 05.0 +1.3
ZKR	Zakros	6.48	132	P	Pn	00 20 06.5 +2.7
MANT	Mantova	6.50	97	P	Pn	00

29th Oh

Table with columns: ABTA, Abfalterbach, 9.14 324 ePn, Pn, 00 20 40.2 -0.1, etc. Lists various stations and their frequencies.

2020 AUG

Table with columns: KHC, Kasperke Hory, 10.68 335, Pn, 00 20 59.3 -2.0, etc. Lists various stations and their frequencies.

1644

Table with columns: RMNI, Mount Ramon, 14.82 123, P, Pn, 00 21 55.5 -2.6, etc. Lists various stations and their frequencies.

Table with columns: WRA, Warramunga Arr, 43.94 272, P, P, 03 20 12.8 -0.6. Includes various astronomical objects like WRA, WRAO, CASY, QSPA, BSLA, H03S2, etc.

Table with columns: MLZ, Mavora Lakes, 29.93 198, P, P, 03 23 04.0 -0.1. Includes various astronomical objects like MLZ, TUZ, MGCD, PATS, etc.

Table with columns: PETK, Petropavlovsk-, 73.04 346, P, P, 03 28 14.2 -0.3. Includes various astronomical objects like KRSR, NJ2, MDJ, etc.

IDC 29 03:17:39.8-1.2, 17:33S±179.05W, h533km, 13km, mb3.0/15, mbtmp4.5/18, Error ellipse: s-maj=15.6km s-min=12.1km az=110.0

NOU 29 03:17:40.6, 17:47S:178.789W, h557km, mb4.7/44, Fiji Islands Region

NEIC 29 03:17:40.9-2.0, 17:40S:010:179.02W:0.0m, h543km, 6km, mb4.5/37, Error ellipse: s-maj=16.4km s-min=9.8km az=145.0

GFZ 29 03:17:40.5-0.2, 17.3S±17.9W, h561km, M4.7/32, mb4.7/32

ISC 29 03:17:40.4-0.3, 17.38S±0.06:178.95W±0.05, h550km, n248, s1921254, mb4.6/70, SC-22, Fiji Islands region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various stations and their coordinates.

Table with columns: WRA, Warramunga Arr, 44.22 259, P, P, 03 25 00.9 -0.5. Includes various astronomical objects like WRA, AS31, ASAR, etc.

Table with columns: KSH2, Kashi, 112.64 306, P, P, 03 35 14.0 -1.1. Includes various astronomical objects like KSH2, KWD, LOP, etc.

IDC 29 03:27:38.7-2.0, 30:52S±178.08W, h41km±21km, mb3.7/4, mbtmp3.8/5, ML3.6/1, MS3.1/1, Error ellipse: s-maj=34.0km s-min=17.4km az=105.0

ISC 29 03:27:38.8-1.3, 30.55S±0.09:178.0W±0.3, h46km, n18, s1921254, mb4.0/70, Kermadec Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various stations and their coordinates.

Table with columns for station name, frequency, and coordinates. Includes stations like AGST, MTTG, HAGA, GMB, SSS, HPAC, CEL, MEU, ENIC, AIO, HLNI, ECTS, MPNC, ESML.

Table with columns for station name, frequency, and coordinates. Includes stations like NOV, EMSG, HVZN, EPZF, JOPP, MILZ, MUCR, CROCE, ACATE, GAGL, VAE, RAFF, VLS, TAR1, MIGL.

Table with columns for station name, frequency, and coordinates. Includes stations like MIGL, MATE, AMUR, OT05, SGG, MSAG, SGR, APRC, KEST, BRTR, AKASG, KBZ, FINES, KUBBB, MKAR, ZALV, KRVT, PMG, WRA, ASAR, CMAR, SONM, MKAR, QSPA, ILAR.

IDC 29 04:41:04.8-4.2 6.69S: 153.83E, h40km, 33km, mb3.5/7, mbmp3.8/8, ML2.3/1, Error ellipse: s-maj=38.6km s-min=17.4km az=102.0
ISC 29 04:41:04.6-1.1 6.60S: 0.09:153.8E:0.1, h35km, n9, 1908/11, mb3.6/7, New Britain region

1655

Table with columns: ARSB, Arslanbob, 52.22 333, P, P, 05 44 51.8 -0.6, etc. Includes stations like Arslanbob, Batken, Songino, etc.

2020 AUG

Table with columns: HEH, comp=Z,27nm,0.7s, pmax, pmax, 05 44 51.8 -0.6, etc. Includes stations like HEH, Zalesovo, etc.

29d 5h

Table with columns: BELG, Belogorroye, 72.30 329c, P, P, 05 47 06.0 -0.5, etc. Includes stations like BELG, LSZ, VSLR, etc.

29 Jul

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MI29, KMPD, BURAR, etc.

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

2020 AUG

MKAR Makanchi Array 68.09 327 P P 06.09 18.1 -0.1
0.4nm,0.3s,baz=116,slow=7.3,SNR=9.8
4.0nm,0.3s

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STH, Greenwih, Hope, etc.

ASRS 29 06:23:38.6-0.3,51.1N,2.97E,1.8km,MLH3.8/13, Error ellipse: s-maj=4.9km s-min=2.1km az=11.9, confirmed, Tuva-Buryatia-Mongolia border region

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNGR, KZLR, TDJR, etc.

SOME 29 06:39:21.2,45.47N,84.90E,h25km, NNC 29 06:39:22.4,6.5,45.10N,84.48E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=51.5km s-min=46.7km az=39.0

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

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UZB Uzynbulak 4.70 243 eP Pg 06.40 47.9 -2.4
UZB eS Sg 06.41 49.7 -1.4

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

RSNC 29 06:57:26.7-0.0,7N,1.7W,1.1h,150km,2km,M3.3,mB4.8, mb3.7,ML2.9,Mw(mB)4.0,Northern Colombia

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BARC, BRJC, PAMC, etc.

RSNC 29 06:59:18.6-0.3,1N,2.7W,1.1h,14km,2km,M3.4,mB4.7, mb3.9,ML2.8,Mw(mB)3.9

CATAC 29 06:59:19.0-1.7,1N,6.7W,1.0,h4km,6km,M3.8/6, MLV3.8/6, Error ellipse: s-maj=23.0km s-min=6.2km az=118.0, confirmed

ISC 29 06:59:16.8-1.9,0.64N,0.05W,79.12W,0.07,h12km,10km, n21,0.90/35,Near coast of Ecuador

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAC1, OTAV, CUSE, etc.

NOU 29 07:43:35.8, 18.87S, 168.51E, h28km, MLv4.6/7m, Vanuatu Islands

ICD 29 07:43:36.5, 8.0, 18.95S, 168.64E, h87km, 67km, mb3.5/3, s-min=39.9km az=41.0, Error ellipse: s-maj=60.2km

ISC 29 07:43:32.5-2.1, 18.85S, 169.05E, 0.2, h100km, n17, s=178.7, mb3.8/3, Vanuatu Islands

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTV, RTM, YATNC, etc.

29d 8h

Table with columns for station name, coordinates, and status. Includes stations like BBOO Buckleboo, BBOO Buckleboo, BBOO Buckleboo, BBOO Buckleboo, EIDS Eidsvold, etc.

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Table with columns for station name, coordinates, and status. Includes stations like YAK Yakutsk, KDJ Yakutsk, NRYN Naryn, BOOM Boomskeue usch, etc.

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Table with columns for station name, coordinates, and status. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB09 IPOC Station P, etc.

NOU 29-08-29:49.3, 36:69S; 177:18E, h0km, MLv4.7/13, Off E. Coast of N. Island, N.Z. WEL 29-08-29:49.8, 0.6, 37°S, 4°E, h5km, M4.6/32, ML4.5/32, MLv4.6/32, Error ellipse: s-maj=5.9km s-min=2.9km az=34.6, confirmed

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSRZ White Island S, WIZ White Island, WYRZ Mayor Island, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like URZ Urewera, WMGZ Waioataatini S, and many others.

Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like HOWZ Holdsworth Sta, GWGZ Otaki Gorge, and many others.

Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like QSPA, QSPA South Pole QZ, SOEI Soe, and many others.

Table with columns: Code, Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like GUC 29.09:07:32.8, 0.5, 24.08S:67.28W, h242km±10km, ML3.7, 2C, Chile-Argentina border region.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like WVGZ, KAHAROA, UREWERA, NGONGOTAHA, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PPT, PMG, AS31, ASAR, ASAR, ASAR, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like FINES, FINES, IDC 29, SKHL, JMA, etc.

Table with columns: Code, Station Name, Az, Azi, Op, Phase ID, Time, Res, ISC. Includes stations like KIRV Kirov, ARCESS Array B, WRA Warramunga Arr, etc.

NOU 29 12:03:53.5, 37.14S, 177.07E, h270km, MLV3.7/19, Off E. Coast of N. Island, N.Z.
WEL 29 12:03:58.3, 0.9, 37.3S, 177.7E, h218km, Mb, M3.0/29, ML2.8/8, MLV3.0/29, Error ellipse: s-maj=8.6km s-min=6.6km az=34.7, confirmed
ISC 29 12:03:48.9, 1.9, 36.91S, 177.09E, 0.08, h292km, 1.0km, n158, a261/178, Off east coast of North Island

Table with columns: Code, Station Name, Az, Azi, Op, Phase ID, Time, Res, ISC. Includes stations like MYRZ Mayor Island, HAZ Te Kaha, OHNEPANEA Ohinepanea, etc.

Table with columns: Code, Station Name, Az, Azi, Op, Phase ID, Time, Res, ISC. Includes stations like TARZ Mount Tarawera, TAUWHPAREAE Tauwhareparea, UTU Utuhina, etc.

Table with columns: Code, Station Name, Az, Azi, Op, Phase ID, Time, Res, ISC. Includes stations like KHZ Kahutara, DENNISTON DENNISTON, Greta Valley S, etc.

NOU 29 12:45:16.5, 36.78S, 177.08E, h0km, MLV4.8/14, Off E. Coast of N. Island, N.Z.
IDC 29 12:45:17.2, 0.6, 36.65S, 177.21E, h0km, mb4.6/13, mbtm4.5/14, ML5.7/1, MS3.7/25, Error ellipse: s-maj=24.4km s-min=13.5km az=80.0
WEL 29 12:45:17.1, 36.76S, 177.09E, ML4.7, Mw4.6, Moment Tensor Solution. Moment tensor: Scale 1016Nm; Mrr-0.04; Mss0.56; Mss0.78; Mrr-0.34; Mss0.64; Mrr-0.40; Fault plane solution: Mo1.07000x1016 Np1.341.00000; s64.00000; lambda-89.00000; NP2=0.00000; s26.00000; lambda-91.00000; Principal axes: T 1.0638, Plg19.0000; Azm130.0000; N -0.4106, Plg1.0000; Azm20.0000; P -0.6532, Plg1.0000; Azm312.0000; Stations used: BUK GRZ HAZ HIZ KNZ KMK MAWZ MXZ OPRZ OTVZ PZK RATZ NORMAL FAULTING
WEL 29 12:45:17.2, 0.5, 37.5S, 177.7E, h5km, M4.7/31, ML4.6/31, MLV4.7/31 Error ellipse: s-maj=5.7km s-min=2.7km az=30.6, confirmed
NEIC 29 12:45:19.1, 1.1, 36.9S, 177.13E, 0.02, h10km, 1km, mb5.0/33, Error ellipse: s-maj=17.3km s-min=2.8km az=1.0
GFZ 29 12:45:19.6, 0.2, 37.3S, 177.7E, h10km, M5.0/31, mb5.0/31
GCMT 29 12:45:23.1, 0.4, 36.69S, 177.31E, 0.03, h19km, 1km, MW4.9/76, Moment Tensor Solution. s18.c23; s76.c97; Duration: 0 Moment tensor: Scale 1016Nm; Mrr-1.82; 17; Mss0.86; 11; Mss0.96; 10; Mo1.01; 24; Mss1.44; 06; Mrr-0.89; 23; Mss2.02 couple: Mo2.51100x1016 Np1.3616.00000; s52.00000; lambda-132.00000; NP2: s252.00000; s54.00000; lambda-49.00000; Principal axes: T 2.3540, Plg1.0000; Azm314.0000; N 0.3190, Plg32.0000; Azm45.0000; Azm312.0000; Stations used: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 29 12:45:18.8, 1.0, 36.82S, 177.04E, 0.03, h9km, 6km, n139, a192/323, mb4.6/9, MS3.7/22, 2D, Off east coast of North Island

Table with columns: Code, Station Name, Az, Azi, Op, Phase ID, Time, Res, ISC. Includes stations like WSRZ White Island S, WSRZ White Island, MYRZ Mayor Island, WHRZ Whale Island, etc.

29d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes stations like NVAR Mina Array Bea, HHC Hu-ho-hao-te, MA2 Magadan, etc.

IDC 29 12:47:02.1±0.5, 62.19S; 57.96W, h0km, mb4.5/13, mbtmp4.5/14, ML4.3/1, MS4.0/27, Error ellipse: s-maj=20.5km s-min=13.3km az=95.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes stations like AUBA Jubany, ESPZ Base Esperanza, PMSA Palmer Station, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes stations like PLCA Paso Flores, GO06 Curarehue, TROLL Troil, ARNTI, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes stations like SMTB Santa Maria do, NPGB Novo Progresso, CZSB Cruzeiro do Sul, etc.

IDC 29 12:47:04.9±2.6, 2.97N; 95.95E, h0km, mb3.7/4, mbtmp3.6/5, ML3.9/1, Error ellipse: s-maj=97.3km s-min=29.8km az=59.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KCSI Kotacane, ACEH, GSI Gunungsitoli, etc.

IDC 29 14:40:44.9, 1.8, 32.81N, 92.31E, h0km, mb3.3/3, mbtmp4.3, ML3.4/2, MS2.9/1, Error ellipse: s-maj=71.2km s-min=23.9km az=65.0, Xizang

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

IDC 29 14:42:09.1, 2.7, 18.60S, 178.68W, h624km, 19km, mb3.2/5, mbtmp4.1/7, Error ellipse: s-maj=87.7km s-min=20.4km az=22.0

ISC 29 14:42:10.3, 1.8, 19.2S, 0.3, 178.8W, 0.2, h600km, n10, a1517/12, mb3.9/7, 3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, DZM Mnt Dzumac, etc.

MDD 29 15:01:35.9, 0.6, 37.19N, 2.95E, h10km, Mb4.0/22, M_mb3.3/22, Error ellipse: s-maj=5.1km s-min=3.5km az=151.0

CRAAG 29 15:01:36.5, 36.91N, 3.09E, M13.0, Algrie 17km NW El-Marsa

ISC 29 15:01:33.0, 2.0, 37.20N, 0.06, 3.00E, 0.04, h12km, n23, a208/33, 8C, Western Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABA Alger-Bouzarea, ABMS Boumerdes, etc.

970nm, SNR=1.1

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

ISK 29 16:32:35.9, 36.01N, 30.09E, h21km, ML2.8/32, NIC 29 16:32:37.7, 36.06N, 30.11E, h30km, 1km, ML2.3/9

AFAD 29 16:32:38.6, 36.15N, 30.06E, h63km, 5km, ML2.6

ISC 29 16:32:37.1, 1.1, 36.04N, 0.03, 30.10E, 0.02, h21km, 3km, n55, o061/82, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DEMR Demre-Antalya, AKUM Antalya-Kumlucluk, etc.

FETY FETHIYE 1.01 306 Pg P 16 32 55.6 +0.3

CAME CAMEL 1.10 325 Pn P 16 32 56.9 -0.5

SABU Mula-Dalaman 1.20 311 Pn P 16 32 58.3 -0.3

GOLH GOLHISAR 1.27 340 P S 16 32 59.8 +0.2

DALY DALYAN 1.40 304 Pn P 16 33 00.9 -0.4

BUCAC BUCAC 1.47 15 Pn P 16 33 02.9 +0.5

APMY ACIPYAM-DENIZ 1.56 336 Pn P 16 33 03.7 0.0

ARG ARKHANGELOS 1.60 277 Pn P 16 33 03.9 -0.3

ARG ARKHANGELOS 1.60 277 Pn P 16 33 04.1 0.0

ALAN ALANYA-ANTALYA 1.65 71 Pn P 16 33 04.7 0.0

BRUR BURDUR-MERKEZ 1.65 359 Pn P 16 33 05.4 +0.5

TURN TURUNC 1.66 297 Pn P 16 33 05.4 +0.5

TAV DENIZLI-TAVAS 1.71 327 P S 16 33 05.4 -0.3

INCE DENIZLI-BOZKUR 1.71 346 P S 16 33 06.8 +1.0

DNIZ DENIZLI-TAVAS 1.79 332 P S 16 33 06.7 -0.2

GAZI GAZIPAZARI 1.81 83 Pn P 16 33 06.9 0.0

ISP ISPARTA 1.81 11 Pn P 16 33 07.2 +0.1

YER YERKESIK 1.82 307 Pn P 16 33 07.1 -0.1

BASM BASMAM-AFYON 1.87 359 Pn P 16 33 08.3 +0.4

MUGLA MUGLA-MERKEZ 1.87 311 P S 16 33 09.5 +1.5

MULA MULA 16 33 32.5 +1.5

comp=N,74nm,0.3s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MULA comp=E,110nm,0.5s, SEYD Seydisehir-KON, etc.

RSNC 29 16:33:42.6, 0.9, 18.9N, 3.6W, 1.4km, 9km, M4.7, mB5.3, mb4.7, ML3.8, MLV4.6, Mw(mb)4.7

IDC 29 16:33:43.0, 0.5, 17.83N, 66.90W, h0km, mb4.0/21, mbtmp4.1/24, ML3.0/2, MS3.2/18, Error ellipse: s-maj=13.2km s-min=9.8km az=133.0

RSRP 29 16:33:45.9, 17.96N, 66.97W, h7km, MD3.9/13

NEIC 29 16:33:45.3, 17.92N, 66.96W, h10km

NEIC 29 16:33:45.7, 17.96N, 66.97W, h9km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr=0.25;

Mth=0.02; Mth=0.02; Mth=0.02; Mth=1.53; Mth=0.21; Fault plane solution: M1: 72000x1019; M2: 85.000000;

880.00000; a=25.00000; NP2=180.00000; 865.00000; a=169.00000; Principal axes: T 1.7162, P1g10.0000;

Azm134.0000; N 0.0005, P1g63.0000; Azm245.0000; P -1.7167, P1g25.0000; Azm40.0000;

NEIC 29 16:33:45.3, 17.92N, 66.96W, h10km, 3km, mb4.2/7, ML4.4/42, Mw4.1/13, ML4.1/13(RSPR), Mw4.1/15(SLM) Error ellipse: s-maj=6.3km s-min=1.7km

az=201.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr=0.02; Mth=0.04; Mth=0.06; Mth=0.87;

Mth=1.84; Mth=0.30; Fault plane solution: M2: 060000x1015; NP1=177.54000; 865.20000; a=174.00000;

NP2=269.80000; 884.92000; a=24.91000; Principal axes: T 2.1652, P1g11.0000; Azm136.0000; N -0.2365;

P1g65.0000; Azm281.0000; P -1.9287, P1g14.0000; Azm41.0000;

PTWC 29 16:33:45, 18.00N, 67.00W, M4.5/13

OSPL 29 16:33:48.8, 5.0, 18.30N, 66.84W, h4km, 96km, ML4.0, Presumed earthquake

ISC 29 16:33:44.5, 0.9, 17.88N, 0.03, 66.96W, 0.02, h10km, 6km, n144, a1542/153, mb4.2/25, MS3.3/16, 1C-9D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, etc.

970nm, SNR=1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MULA comp=E,110nm,0.5s, SEYD Seydisehir-KON, etc.

29d 16h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like San Juan, InterUniversit, Punta Cana, Santo Domingo, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Pinedale Array, Villa Florida, Fox Creek, Frobisher Bay, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Makanchi Array, Kurchatov Array, Eielson Array, etc.

29d 19h

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like RAYN Ar Rayn, ASF Jabal al Asfar, ARSB Arslanbob, etc.

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Table with columns: Station, Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, etc.

1672

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like CHTO Chiang Mai, EKA Eschkeimov, CM31 Chiang Mai Arr, etc.

1673

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Eskdalemuir Ar, Keskin Array B, and various Sava stations.

2020 AUG

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LIA, SILT, Rodhopi, Yerkestik, and various island stations.

29d 20h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like QRZ, KHZ, Kahutara, and various island stations.

29d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ La Paz, SIV San Ignacio, CFA Coronel Fontan, etc.

29d 21h:01:41.2:10.0,18:245:176:63W,h0km,mb3.8/3, mbtmp3.8/3,MS3.2/5,Error ellipse: s-maj=465.1km s-min=40.1km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MVSF Nonsavu, DZM Mont Dzumac, PPT Papeete, etc.

GFZ 29:21:32:54.6:0.2, 71.1N, 2.2W, h10km, M4.3/5, mb4.3/35 NEIC 29:21:32:55.5:2.0, 70.99N, 0.04:7.1W, 0.2: h10km, 2km, mb4.2/14, Error ellipse: s-maj=13.0km s-min=5.7km az=244.0

NAO 29:21:32:56.0:0.4, 71.00N, 7.53W, h10km, ML4.2 BER 29:21:32:56.9:3.3, 71.05N, 7.53W, h10km, ML3.9, Mw5.0, ML4.2(NAO), Confirmed Earthquake

DNK 29:21:32:57.6:3.4, 71.28N, 8.13W, h0km, 76km, ML2.5, Presumed earthquake

BGR 29:21:32:58.0, 70.98N, 8.60W, h33km, mb4.3 FCJAR 29:21:32:58.0, 70.94N, 7.76W, h10km

ICD 29:21:32:58.1:0.9, 70.92N, 6.52W, h0km, mb3.7/12, mbtmp3.8/18, ML3.4/5, MS3.4/55, Error ellipse: s-maj=16.4km s-min=14.5km az=79.0

ISC 29:21:32:54.9:1.2, 71.13N, 0.05:7.32W, 0.05, h17km, 9km, m259, c2870/249, mb4.2/55, MS3.4/51, 5D, Jan Mayen Island region

Main table for the 29d 21h:01:41.2:10.0,18:245:176:63W,h0km,mb3.8/3, mbtmp3.8/3,MS3.2/5,Error ellipse: s-maj=465.1km s-min=40.1km az=143.0, Fiji Islands region. Includes stations like JNE Jan Mayen East, JMW Jan Mayen West, JMC Jan Mayen, etc.

2020 AUG

Main table for the 2020 AUG section. Includes stations like STOK Stokkvaagen, FAUS Fauske, TRO Tromso, etc.

1674

Main table for the 1674 section. Includes stations like RAF Rauma, EKB Eskdalemuir, EKA Eskdalemuir, etc.

NACB Ninganchiao	0.36 332	P	Pn	23 11 49.3 +0.6	SX11	eS	Sn	23 12 18.4 +2.5
NACB		eS	Sn	23 11 55.8 +0.5	TYN	eS	Pn	23 12 10.0 +0.8
LXIB Xiulin Townshi	0.38 297	iP	Pn	23 11 49.3 +0.3	TOJ	eS	Pn	23 12 07.1 +6.4
LXIB		iP	Sn	23 11 56.1 +0.2	YOJ	eS	Pn	23 12 02.2 +1.5
WARBT Fenglin Townsh	0.39 250	iP	Pn	23 11 49.3 +0.4	YOJ	eS	Pn	23 12 18.4 +1.7
WARBT		iP	Sn	23 11 52.7 +0.3	YOJ	eS	Pn	23 12 02.0 +1.3
ETLH Xiulin Townshi	0.45 322	iP	Pn	23 11 50.1 +0.4	TWS1	eS	Pn	23 12 02.0 +1.2
ETLH		iP	Sn	23 11 57.7 +0.6	TWS1	eS	Pn	23 12 18.7 +1.8
EAHA Aohua	0.47 355	iP	Pn	23 11 50.6 +0.6	WRL	eS	Pn	23 12 02.3 +1.5
EAHA		iP	Sn	23 11 58.8 +1.2	WRL	eS	Pn	23 12 19.4 +2.5
HGSD Ruisui	0.54 222	iP	Pn	23 11 51.0 +0.9	TNOU	eS	Pn	23 12 02.1 +1.2
HGSD		iP	Sn	23 11 52.7 +0.3	TNOU	eS	Pn	23 12 02.0 +1.3
EHYH Wanrong	0.49 228	iP	Pn	23 11 51.2 +0.5	CHY	eS	Pn	23 12 02.8 +1.9
EHYH		iP	Sn	23 11 59.4 +0.5	CHY	eS	Pn	23 12 19.5 +2.4
EHY Hungye	0.54 231	iP	Pn	23 11 51.1 +0.2	RLNB	eS	Pn	23 12 02.8 +1.8
EHY		iP	Sn	23 11 58.7 -0.4	RLNB	eS	Pn	23 12 20.4 +3.1
WHF Hehuan Shan	0.55 302	eS	Pn	23 11 52.7 +0.3	YM01	eS	Pn	23 12 12.1 +1.0
WHF		eS	Sn	23 12 00.2 +0.2	YM01	eS	Pn	23 12 18.3 +0.5
EOS4 EOS4	0.56 61	P	Pn	23 11 52.1 +1.5	ZUZH	eS	Pn	23 12 02.1 +0.7
EOS4		P	Sn	23 12 01.0 +2.1	ZUZH	eS	Pn	23 12 18.3 +0.5
OWD Renai	0.56 280	iP	Pn	23 11 51.8 +0.6	TKW	eS	Pn	23 12 03.2 +1.9
OWD		iP	Sn	23 12 00.1 +0.3	TKW	eS	Pn	23 12 17.7 +3.8
EWUT Wuta	0.59 360	S	Pn	23 11 52.1 +0.7	CHN1	eS	Pn	23 12 03.0 +2.0
EWUT		S	Sn	23 12 00.9 +0.7	CHN1	eS	Pn	23 12 02.6 +2.7
ECBN Changbin	0.61 210	eP	Pn	23 11 52.6 +0.8	NTST	eS	Pn	23 12 02.8 +1.2
ECBN		eP	Sn	23 12 02.1 +1.4	NTST	eS	Pn	23 12 19.8 +1.6
WUSB Renai	0.62 283	P	Pn	23 11 52.8 +0.8	YM08	eS	Pn	23 12 02.2 +0.6
WUSB		P	Sn	23 12 01.3 +0.2	YM08	eS	Pn	23 12 18.6 +0.3
YLB Yu-li	0.64 224	iP	Pn	23 11 52.3 +0.2	SGST	eS	Pn	23 12 02.5 +1.1
YLB		iP	Sn	23 11 52.3 +0.2	SGST	eS	Pn	23 12 02.5 +2.2
EOS3 EOS3	0.65 49	iP	Pn	23 12 01.2 -0.1	ANP	eS	Pn	23 12 02.6 +0.9
EOS3		iP	Sn	23 11 53.9 +1.8	ANP	eS	Pn	23 12 04.4 +2.7
EOS3		iP	Sn	23 12 04.3 +3.0	SLGT	eS	Pn	23 12 21.1 +2.7
WF1 Yuli	0.67 222	eS	Pn	23 11 52.9 +0.8	WTCT	eS	Pn	23 12 22.0 +3.0
WF1		eS	Sn	23 12 02.1 +0.2	WTCT	eS	Pn	23 12 03.6 +0.9
NNSB Datong	0.68 328	iP	Pn	23 11 53.3 +0.6	TWY	eS	Pn	23 12 22.1 +1.8
NNSB		iP	Sn	23 12 02.7 +0.3	TWY	eS	Pn	23 12 04.8 +1.9
TWT Tachien	0.68 306	iP	Pn	23 11 53.8 +1.0	WSF	eS	Pn	23 12 23.8 +3.0
TWT		iP	Sn	23 12 03.3 +0.7	WSF	eS	Pn	23 12 22.0 +2.7
NAN Nan Shan	0.69 328	iP	Pn	23 11 53.9 +0.6	WSL	eS	Pn	23 12 23.3 +2.2
NAN		iP	Sn	23 12 03.0 +0.3	WSL	eS	Pn	23 12 03.0 -0.2
TDCB Tech	0.69 305	iP	Pn	23 11 53.8 +0.8	ECL	eS	Pn	23 12 20.5 +4.7
TDCB		iP	Sn	23 12 03.2 +0.4	ECL	eS	Pn	23 12 05.6 +1.6
EOS2 EOS2	0.70 36	iP	Pn	23 11 54.6 +1.9	CHN3	eS	Pn	23 12 05.5 +2.6
EOS2		iP	Sn	23 12 05.7 +3.2	CHN3	eS	Pn	23 12 05.6 +2.4
FUTG Datong	0.72 341	iP	Pn	23 11 53.9 +0.5	SSD	eS	Pn	23 12 25.8 +3.0
FUTG		iP	Sn	23 12 03.1 -0.1	SSD	eS	Pn	23 12 02.9 +3.9
ESAO Su ao	0.72 5	P	Pn	23 11 54.1 +0.9	TSM1	eS	Pn	23 12 07.0 +1.5
ESAO		P	Sn	23 12 04.3 +1.1	TSM1	eS	Pn	23 12 22.7 +7.1
CHKH Chenggong	0.75 208	P	Pn	23 11 53.9 +0.4	MASB	eS	Pn	23 12 08.8 +2.3
CHKH		P	Sn	23 11 54.2 +0.5	MASB	eS	Pn	23 12 27.4 +0.4
SSLB Suanglung	0.76 265	iP	Pn	23 11 54.3 +0.5	SGST	eS	Pn	23 12 27.7 +1.5
SSLB		iP	Sn	23 12 04.0 -0.2	SGST	eS	Pn	23 12 27.1 +4.9
NDS Dongshan	0.78 356	iP	Pn	23 11 54.8 +0.8	EAST	eS	Pn	23 12 28.5 +1.9
NDS		iP	Sn	23 12 05.7 +1.1	EAST	eS	Pn	23 12 28.2 +3.7
NDT Datong Townshi	0.79 342	eS	Pn	23 11 54.9 +0.8	TAW	eS	Pn	23 12 28.2 +3.7
NDT		eS	Sn	23 12 05.7 +1.0	TAW	eS	Pn	23 12 08.2 -0.4
FULB Ful	0.79 215	iP	Pn	23 11 55.1 +1.0	TSCK	eS	Pn	23 12 10.6 +3.3
FULB		iP	Sn	23 12 06.7 +1.8	TSCK	eS	Pn	23 12 09.5 +1.8
SMLT Sun Moon Lake	0.81 272	iP	Pn	23 11 55.2 +0.8	PCVT	eS	Pn	23 12 31.5 +2.3
SMLT		iP	Sn	23 12 05.6 +0.2	PCVT	eS	Pn	23 12 08.6 +1.9
WCSC Beigang Elemen	0.82 284	eP	Pn	23 11 55.0 +0.9	LAV	eS	Pn	23 11.1 -1.3
WCSC		eP	Sn	23 11 54.9 +0.1	LAV	eS	Pn	23 12 11.0 +2.8
CHKT Chengkung	0.84 207	eP	Pn	23 12 06.1 +0.1	SCZT	eS	Pn	23 12 32.5 +2.5
CHKT		eP	Sn	23 11 56.4 +1.1	SCZT	eS	Pn	23 09.9 +1.5
YUS Yu-Shan	0.84 245	P	Pn	23 12 07.1 +0.3	IRIF	eS	Pn	23 12 33.1 +1.7
YUS		P	Sn	23 12 07.0 +1.1	IRIF	eS	Pn	23 12 30.3 +1.7
YUC Yuchr	0.85 274	eS	Pn	23 12 07.3 +1.1	LYUB	eS	Pn	23 12 08.2 -0.4
YUC		eS	Sn	23 12 07.3 +1.1	LYUB	eS	Pn	23 12 13.1 +1.6
WHYT Xinyi Township	0.86 260	iP	Pn	23 11 56.3 +1.2	HATJ	eS	Pn	23 12 32.8 +1.7
WHYT		iP	Sn	23 12 07.8 +1.1	HATJ	eS	Pn	23 12 36.3 +1.3
TWE Neicheng	0.87 353	iP	Pn	23 11 56.1 +0.9	WDGT	eS	Pn	23 12 19.9 +0.8
TWE		iP	Sn	23 12 07.6 +0.9	WDGT	eS	Pn	23 12 35.1 -0.2
WHP Taichung City	0.87 299	S	Pn	23 12 08.7 +0.7	PHUB	eS	Pn	23 12 36.0 +0.3
WHP		S	Sn	23 12 08.0 +1.0	PHUB	eS	Pn	23 12 11.8 +0.4
EHD Haiduan	0.88 217	eP	Pn	23 12 06.7 -0.3	PNG	eS	Pn	23 12 35.7 -0.2
EHD		eP	Sn	23 11 56.3 +0.8	PNG	eS	Pn	23 12 13.4 +1.8
YHNB Yeheng	0.89 336	P	Pn	23 11 56.4 +0.8	JKRS	eS	Pn	23 12 14.0 +2.0
YHNB		P	Sn	23 11 55.0 +0.8	JKRS	eS	Pn	23 12 14.0 +2.0
YHNB		P	Sn	23 11 55.0 +0.8	TKWB	eS	Pn	23 12 13.6 +1.5
NSK Sanguang	0.91 335	iP	Pn	23 12 07.6 -0.1	TSEB	eS	Pn	23 12 38.5 +1.5
NSK		iP	Sn	23 11 56.8 +1.0	TSEB	eS	Pn	23 12 14.7 +1.1
ECS Chishang	0.91 214	eP	Pn	23 12 09.1 +1.2	JJI	eS	Pn	23 12 40.0 +0.2
ECS		eP	Sn	23 11 56.9 +0.8	JJI	eS	Pn	23 12 40.0 +0.2
FUSH Fushanzhiwuyua	0.92 349	eS	Pn	23 12 08.7 +0.7	VCHM	eS	Pn	23 12 41.1 +0.5
FUSH		eS	Sn	23 11 57.2 +0.8	VCHM	eS	Pn	23 12 16.0 -0.2
NWLT Wulai	0.95 345	iP	Pn	23 12 09.7 +0.8	VWUC	eS	Pn	23 12 42.2 -2.3
NWLT		iP	Sn	23 11 57.9 +1.3	VWUC	eS	Pn	23 12 45.2 +0.4
ALS Alishan	0.96 249	iP	Pn	23 12 10.7 +1.4	JISG	eS	Pn	23 12 22.5 +1.2
ALS		iP	Sn	23 12 08.7 +0.5	JISG	eS	Pn	23 12 21.8 -0.2
EDTW Lidau	0.96 227	iP	Pn	23 11 57.9 +1.5	PHUZ	eS	Pn	23 12 27.2 +1.4
EDTW		iP	Sn	23 12 11.3 +2.3	PHUZ	eS	Pn	23 12 26.3 -0.2
WJS Zhushan	0.96 268	P	Pn	23 11 58.1 +1.3	MATB	eS	Pn	23 12 28.3 -0.9
WJS		P	Sn	23 12 11.1 +1.5	MATB	eS	Pn	23 12 27.1 +1.5
NFF Wufeng Townshi	0.98 322	iP	Pn	23 11 58.7 +1.8	KNMB	eS	Pn	23 12 29.0 -0.6
NFF		iP	Sn	23 12 11.9 +2.1	KNMB	eS	Pn	23 12 32.9 -0.1
EGS Mingjian	1.00 8	eS	Pn	23 12 12.2 +2.2	ZPLA	eS	Pn	23 12 33.9 +0.1
EGS		eS	Sn	23 11 59.3 +1.8	ZPLA	eS	Pn	23 12 38.2 +0.2
WNT WNT	1.00 272	iP	Pn	23 12 15.2 +1.7	DXSP	eS	Pn	23 12 44.7 -0.6
WNT		iP	Sn	23 12 15.9 +1.9	DXSP	eS	Pn	23 13 12.4 -1.1
NSTU Nanjuang	1.05 318	iP	Pn	23 12 13.9 +2.7	SYFK	eS	Pn	23 14 24.0 -3.3
NSTU		iP	Sn	23 12 13.5 +2.2	SYFK	eS	Pn	23 12 45.0 +0.2
TCU Taichung	1.05 286	iP	Pn	23 12 14.6 +1.9	YKNG	eS	Pn	23 12 47.7 +1.7
TCU		iP	Sn	23 12 00.2 +1.7	YKNG	eS	Pn	23 12 44.7 -0.6
LIOB Emei	1.05 319	P	Pn	23 12 14.6 +1.9	JOW	eS	Pn	23 12 44.7 -0.6
LIOB		P	Sn	23 12 14.6 +1.9	JOW	eS	Pn	23 12 44.7 -0.6
KSHI Guanxi Townshi	1.07 329	iP	Pn	23 12 14.6 +1.9	JOW	eS	Pn	23 12 44.7 -0.6
KSHI		iP	Sn	23 12 00.0 +2.1	JOW	eS	Pn	23 12 44.7 -0.6
TIPB Shuangxi	1.11 2	iP	Pn	23 12 00.2 +1.7	JOW	eS	Pn	23 12 44.7 -0.6
TIPB		iP	Sn	23 12 14.6 +1.9	JOW	eS	Pn	23 12 44.7 -0.6
NHDH Xindian Distri	1.13 348	eP	Pn	23 12 00.2 +1.7	JOW	eS	Pn	23 12 44.7 -0.6
NHDH		eP	Sn	23 12 14.6 +1.9	JOW	eS	Pn	23 12 44.7 -0.6
WGK Gugeng	1.13 262	eP	Pn	23 12 00.2 +1.7	JOW	eS	Pn	23 12 44.7 -0.6
WGK		eP	Sn	23 12 00.5 +1.4	JOW	eS	Pn	23 12 44.7 -0.6
NMLH Miaoli	1.13 307	eP	Pn	23 12 00.5 +1.4	JOW	eS	Pn	23 12 44.7 -0.6
NMLH		eP	Sn	23 12 00.2 +1.4	JOW	eS	Pn	23 12 44.7 -0.6
TWA Mucha	1.14 351	P	Pn	23 12 00.2 +1.4	JOW	eS	Pn	23 12 44.7 -0.6
TWA		P	Sn	23 12 14.9 +1.6	JOW	eS	Pn	23 12 44.7 -0.6
WCHH Zhonghua	1.14 282	iP	Pn	23 12 00.5 +1.6	JOW	eS	Pn	23 12 44.7 -0.6
WCHH		iP	Sn	23 12 00.5 +1.6	JOW	eS	Pn	23 12 44.7 -0.6
STYH Taoyuan	1.15 234	iP	Pn	23 12 00.5 +1.6	JOW	eS	Pn	23 12 44.7 -0.6
STYH		iP	Sn	23 12 15.3 +1.9	JOW	eS	Pn	23 12 44.7 -0.6
WDL Douliou City	1.15 263	eP	Pn	23 12 00.5 +1.6	JOW	eS	Pn	23 12 44.7 -0.6
WDL		eP	Sn	23 12 16.6 +3.2	JOW	eS	Pn	23 12 44.7 -0.6
TATO Taipei	1.15 347	P	Pn	23 12 00.0 +1.0	JOW	eS	Pn	23 12 44.7 -0.6
TATO		P	Sn	23 12 15.2 +1.7	JOW	eS	Pn	23 12 44.7 -0.6
WCH1 Changhua City	1.15 281	eP	Pn	23 12 00.9 +2.0	JOW	eS	Pn	23 12 44.7 -0.6
WCH1		eP	Sn	23 12 16.5 +3.0	JOW	eS	Pn	23 12 44.7 -0.6
WDLH Douliu	1.15 262	P	Pn	23 12 00.6 +1.7	JOW	eS	Pn	23 12 44.7 -0.6
WDLH		P	Sn	23 12 16.3 +2.7	JOW	eS	Pn	23 12 44.7 -0.6
WDLH		P	Sn	23 12 16.3 +2.7	JOW	eS	Pn	23 12 44.7 -0.6
WDJ Dajia District	1.15 296	iP	Pn	23 12 00.4 +1.6	JOW	eS	Pn	23 12 44.7 -0.6
WDJ		iP	Sn	23 12 15.9 +1.9	JOW	eS	Pn	23 12 44.7 -0.6
WCKO Fanlu	1.15 249	eP	Pn	23 12 01.1 +2.1	JOW	eS	Pn	23 12 44.7 -0.6
WCKO		eP	Sn	23 12 16.7 +3.0	JOW	eS	Pn	23 12 44.7 -0.6
TWB1 Santiao Chiao	1.17 9	P	Pn	23 12 00.6 +1.4	JOW	e		

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, M, S, ISC. Includes stations like KIRV, BVAR, AKTO, NRK, etc.

30 00:39:04.3-0.9, 15:30S; 70:89W, h0km, mb3.8/3, mtbmp3.9/6, ML3.7/3, MS3.9/10, Error ellipse: s-maj=36.4km s-min=13.6km az=27.0

NEIC 30 00:39:06.7-1.0, 15:42S; 0:06:70:98W, h0.8, h10km, 1km, mb4.4/4, Error ellipse: s-maj=13.3km s-min=10.5km az=83.0

ISC 30 00:39:06.0-0.6, 15:43S; 0:07:70:99W, h0.7, h10km, n40, s121/33, mb4.2/4, MS3.9/9, Southern Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, M, S, ISC. Includes stations like IOB80, PB18, LPAZ, etc.

ISC 30 00:46:16.2-2.6, 6:13N; 127:29E, h0km, mb3.7/5, mtbmp3.7/5, Error ellipse: s-maj=247.5km s-min=22.4km az=67.0

MAN 30 00:46:33.0-1.2, 5:93N; 127:16E, h39km, MS3.7, ISC 30 00:46:28.9-1.2, 5.84N; 0:09:127:3E, 0.1, h100km, n10, s162/14, mb3.7/5, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, M, S, ISC. Includes stations like DDMP, CDOP, KCP, etc.

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

30 00:55:20.3-0.6, 9:00S; 80:98W, h0km, mb4.3/13, mtbmp4.3/17, ML4.0/3, MS3.7/22, Error ellipse: s-maj=15.7km s-min=10.9km az=54.0

NEIC 30 00:55:21.7-1.3, 9:05S; 0:06:78W, h0.8, h10km, 1km, mb4.7/50, Error ellipse: s-maj=13.7km s-min=10.3km az=254.0

GCMT 30 00:55:23.7-0.4, 9:09S; 0:04:80:92W, h0.4, h20km, 1km, MW4.9/86, Moment Tensor Solution. s13,c14; s86,c108; Duration: 0 Moment tensor. Scale 10^18N; Mr-2.34; 16; Mw-0.84; 24; Best double couple: M2.43600*10^16 NP1=143.00000, 640.00000, -1.15.00000. NP2: 6.354.00000, 855.00000, -7.1.00000. Principal axes: T 2.2230, P1g8.0000, Azm71.0000; N 0.4220, P1g16.0000, Azm163.0000; P -2.6490, P1g73.0000, Azm315.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

VAO 30 00:55:24.1-0.8, 8:79S; 80:61W, h10km, mb4.6, Presumed earthquake

ISC 30 00:55:21.5-0.4, 9:03S; 0:06:80:82W, h0.6, h10km, n147, s136/129, mb4.6/34, MS3.6/19, 4C, Off coast of northern Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, M, S, ISC. Includes stations like ATAH, NNA, NNA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, M, S, ISC. Includes stations like X34A, W35A, WMOK, etc.

IMP	comp=N,1µm,0.5s	IAML		01 48 50.4
ZIRO	4.39 21 eP	Pn	01 48 41.7 0.0	
ZIRO	eS	Sn	01 49 28.4 -4.7	
ZIRO	comp=N,370nm,0.6s	IAML	01 49 36.8	
ZIRO	4.44 295 eS	Pn	01 49 41.7	
SHBG	Sahibganj	Sn	01 49 34.3 +0.1	
ODAN	Odare	Pg	01 48 58.9 +2.3	
ODAN	baz=320,slow=0.0	Sg	01 50 03.9 +4.2	
ODAN	comp=E,62nm,0.6s, baz=320,slow=0.0	AML		
BOK	Bokaro	eP	01 49 00.3 +0.7	
BOK	eS	Sn	01 50 05.4 +0.2	
BOK	IAML		01 50 07.6	
BOK	comp=N,291nm,1.0s	IAML	01 50 08.5	
GAYA	Gaya	eP	01 49 09.7 +0.3	
GAYA	eS	Sn	01 50 19.7 -3.0	
GAYA	IAML		01 50 24.7	
GAYA	comp=E,235nm,0.4s	IAML	01 50 24.9	
EVN	Everest	6.56 315	Pn	01 49 12.8 +0.8
GUN	Gumba	7.16 310	Pg	01 49 22.3 +2.2
GUN	baz=318,slow=0.0	Sg	01 50 44.6 +2.8	
GUN	comp=N,132nm,0.8s, baz=318,slow=0.0	AML		
GUN	Pulchoki	7.31 306	Pg	01 49 23.4 +1.3
GUN	baz=314,slow=0.0	Sg	01 50 45.7 +0.3	
PKI	comp=N,34nm,0.7s, baz=314,slow=0.0	AML		
PKI	Phulchoki	7.32 306	Pg	01 49 23.7 +1.5
PKI	baz=314,slow=0.0	Sg	01 50 46.4 +0.8	
PKIN	comp=N,42nm,0.7s, baz=314,slow=0.0	AML		
PKIN	Chiang Mai	7.87 124	Pn	01 49 27.6 -1.9
CHTO	Chiang Mai Arr	8.09 126	Pn	01 49 33.2 +0.7
CMAR	comp=N,0.6nm,0.3s, baz=305,slow=14,SNR=18	LR	01 53 40.5	
CMAR	comp=N,45nm,18.7s, baz=260,slow=46	AML		
CMAR	comp=N,1.7nm,0.4s	AML		
GKN	Gorkha	8.12 306	Pg	01 49 33.7 +0.6
GKN	baz=313,slow=0.0	Sg	01 51 03.5 -1.5	
GKN	comp=N,29nm,0.6s, baz=313,slow=0.0	AML		
GKN	Koldanda	8.80 301	Pg	01 49 42.1 -0.3
GKN	baz=308,slow=0.0	Sg	01 51 18.2 -3.6	
KOLN	comp=N,67nm,0.6s, baz=308,slow=0.0	AML		
KOLN	Dangsing	8.96 305	Pg	01 49 44.6 -0.1
DANN	baz=312,slow=0.0	Sg	01 51 25.8 -0.1	
DANN	comp=N,68nm,0.7s, baz=312,slow=0.0	AML		
DANN	RAYAGADA	9.05 244	eS	01 51 24.3 -3.5
BLSP	Blaspur	9.24 264	IAML	01 52 01.8
BLSP	comp=N,245nm,0.4s	IAML	01 52 02.1	
BLSP	comp=E,236nm,0.3s	Pn	01 51 00.1 +6.3	
HYB	Hyderabad	14.02 247	eP	01 53 28.1 -1.4
HYB	eS	Pn	01 52 28.1 -1.4	
PDGK	Podgornoye	22.42 335	P	01 52 54.5 +0.5
BTK	Batken	24.44 318	P	01 52 55.5 +0.1
MKAR	Makanchi Array	24.62 344	P	01 52 55.5 +0.1
MKAR	comp=N,1.2nm,0.6s, baz=311,slow=9.3,SNR=5.0			
MKAR	comp=N,1.2nm,0.6s			
SONM	Songino Array	26.90 221	P	01 53 16.9 +0.7
SONM	comp=E,0.9nm,0.7s, baz=195,slow=9.0,SNR=3.7			
SONM	comp=N,0.9nm,0.7s			
KSAR	Wonju Array Be	36.66 57	P	01 54 15.9 -0.1
DAV	Davao City (W)	36.04 111	LR	02 11 47.1
DAV	comp=E,33nm,19.4s, baz=338,slow=40			
JHJ	Hachiojima 2	42.79 66	LR	02 13 55.3
JHJ	comp=E,24nm,18.3s, baz=276,slow=37			
KNRA	Kunurra	52.88 134	IAMB	01 56 50.3 -1.0
KNRA	comp=N,2.7nm,1.9s	IAMB	01 56 54.7	
AKASG	Malin Array Be	55.15 316	P	01 57 06.3 -1.1
AKASG	comp=N,0.5nm,0.5s, baz=85,slow=7.2,SNR=4.1			
AKASG	comp=N,0.5nm,0.5s			
FIAT	FINESS Array S	58.26 329	P	01 57 28.5 -0.9
FINES	FINESS Array B	58.26 329	P	01 57 28.4 -0.9
FINES	comp=N,2.1nm,0.8s, baz=131,slow=5.3,SNR=4.4			
FINES	comp=N,2.1nm,0.8s			
FINES	FINESS Array B	58.26 329	P	01 57 28.3 -1.1
WBO	Warramunga Arr	59.54 133	P	01 57 38.4 -0.5
WBO	comp=N,1.7nm,0.8s, baz=96,slow=8.9,SNR=1.6	IAMB	01 57 56.6	
WRA	Warramunga Arr	59.63 133	P	01 57 38.7 -0.8
WRA	comp=N,1.0nm,0.6s, baz=322,slow=7.2,SNR=12			
WR8	Warramunga Arr	59.74 133	P	01 57 40.2 -0.1
WR8	comp=N,2.25nm,1.8s	IAMB	01 57 51.1	
ASAR	Alice Springs	61.97 136	P	01 57 55.2 -0.2
ASAR	comp=N,1.2nm,0.6s, baz=320,slow=6.7,SNR=15			
ASAR	comp=N,1.2nm,0.6s			
ASAR	Alice Springs	61.97 136	P	01 57 55.0 -0.5
HFS	Hagfors	64.23 327	P	01 58 09.4 -0.5
HFS	comp=N,1.7nm,0.8s, baz=96,slow=8.9,SNR=1.6			
POGA	Pongola	77.10 232	P	01 59 25.9 -2.9
D23K	Nanushuk River	77.47 19	P	01 59 40.5 +0.2
D23K	comp=N,3.0nm,1.9s	IAMB	01 59 34.3	
BMAR	Burnt Mountain	80.22 19	P	01 59 47.5 +2.0
LBTB	Loatsee	80.43 238	P	01 59 47.5 +0.2

EMIJ	EMIJ	Sn	01 52 20.2 -1.8	
EMIJ	EMIJ	Sn	01 52 20.2 -1.8	
EMIJ	EMIJ	Sn	01 52 21.0	
EMAL	Malaga-Limoner	1.43 333	Pn	01 52 02.6 -0.9
EMAL	EMAL	P	01 52 20.0 -2.0	
EMAL	EMAL	P	01 52 19.3 -1.5	
EMAL	EMAL	P	01 52 23.0 0.0	
EMAL	EMAL	P	01 52 19.9 -1.8	
EMAL	EMAL	P	01 52 22.8 +0.4	
EMAL	EMAL	P	01 52 21.1 -1.3	
EMAL	EMAL	P	01 52 04.6 +0.7	
EMAL	EMAL	P	01 52 23.2 +0.2	
EMAL	EMAL	P	01 52 03.0 -1.2	
EMAL	EMAL	P	01 52 20.7 -2.7	
EMAL	EMAL	P	01 52 02.9 -1.4	
EMAL	EMAL	P	01 52 20.0 -3.4	
EMAL	EMAL	P	01 52 22.3 +0.5	
EMAL	EMAL	P	01 52 04.3 -0.7	
EMAL	EMAL	P	01 52 25.2 +0.4	
EMAL	EMAL	P	01 52 04.3 -0.7	
EMAL	EMAL	P	01 52 24.2 -0.6	
EMAL	EMAL	P	01 52 27.9	
EMAL	EMAL	P	01 52 24.6 -0.6	
EMAL	EMAL	P	01 52 06.9 0.0	
EMAL	EMAL	P	01 52 29.9 +0.5	
EMAL	EMAL	P	01 52 07.1 +0.2	
EMAL	EMAL	P	01 52 27.6 -0.6	
EMAL	EMAL	P	01 52 33.3 -1.5	
EMAL	EMAL	P	01 52 33.8 -0.8	
EMAL	EMAL	P	01 52 28.7 -0.2	
EMAL	EMAL	P	01 52 08.5 +0.9	
EMAL	EMAL	P	01 52 28.3 -1.2	
EMAL	EMAL	P	01 52 30.5	
EMAL	EMAL	P	01 52 29.3 0.0	
EMAL	EMAL	P	01 52 28.3 -1.1	
EMAL	EMAL	P	01 52 29.9 -0.3	
EMAL	EMAL	P	01 52 07.8 -0.5	
EMAL	EMAL	P	01 52 30.3 -0.4	
EMAL	EMAL	P	01 52 08.4 -1.2	
EMAL	EMAL	P	01 52 30.5	
EMAL	EMAL	P	01 52 08.6 -1.1	
EMAL	EMAL	P	01 52 31.9 -1.2	
EMAL	EMAL	P	01 52 32.9	
EMAL	EMAL	P	01 52 09.8 -1.0	
EMAL	EMAL	P	01 52 36.1 +0.5	
EMAL	EMAL	P	01 52 41.3	
EMAL	EMAL	P	01 52 44.4 -0.1	
EMAL	EMAL	P	01 52 16.8 +1.8	
EMAL	EMAL	P	01 52 44.9 +2.1	
EMAL	EMAL	P	01 52 15.2 +0.2	
EMAL	EMAL	P	01 52 42.4 -0.5	
EMAL	EMAL	P	01 52 22.0	
EMAL	EMAL	P	01 52 15.7 -0.3	
EMAL	EMAL	P	01 52 42.8 -1.6	
EMAL	EMAL	P	01 52 17.3 +1.0	
EMAL	EMAL	P	01 52 43.9 -1.2	
EMAL	EMAL	P	01 52 49.8	
EMAL	EMAL	P	01 52 20.5 +1.6	
EMAL	EMAL	P	01 52 47.9 -1.7	
EMAL	EMAL	P	01 52 50.6 -1.1	
EMAL	EMAL	P	01 52 52.8	
EMAL	EMAL	P	01 52 42.0 -0.6	
EMAL	EMAL	P	01 52 33.0 +0.2	
EMAL	EMAL	P	01 52 56.3 +0.8	
EMAL	EMAL	P	01 52 23.3 +1.1	
EMAL	EMAL	P	01 52 56.2 +0.7	
EMAL	EMAL	P	01 52 23.2 +1.0	
EMAL	EMAL	P	01 52 44.9 -1.2	
EMAL	EMAL	P	01 53 04.9	
EMAL	EMAL	P	01 52 22.3 0.0	
EMAL	EMAL	P	01 52 57.4 +1.6	
EMAL	EMAL	P	01 52 56.0 -1.2	
EMAL	EMAL	P	01 53 07.1	
EMAL	EMAL	P	01 53 22.9 +1.3	
EMAL	EMAL	P	01 53 01.3 +1.5	
EMAL	EMAL	P	01 52 25.6 +1.0	
EMAL	EMAL	P	01 52 58.1 -1.7	
EMAL	EMAL	P	01 53 09.8	
EMAL	EMAL	P	01 52 24.9 +0.1	
EMAL	EMAL	P	01 52 27.9 +3.1	
EMAL	EMAL	P	01 52 27.3 +1.7	
EMAL	EMAL	P	01 52 59.8 -2.0	
EMAL	EMAL	P	01 52 26.0 +0.4	
EMAL	EMAL	P	01 52 59.5 -2.3	
EMAL	EMAL	P	01 53 28.2	
EMAL	EMAL	P	01 53 03.0 +0.9	
EMAL	EMAL	P	01 52 28.8 +0.6	
EMAL	EMAL	P	01 53 09.8 +3.5	
EMAL	EMAL	P	01 52 31.0 +1.3	
EMAL	EMAL	P	01 53 07.4 -1.6	
EMAL	EMAL	P	01 53 07.0	
EMAL	EMAL	P	01 53 08.3 -1.1	
EMAL	EMAL	P	01 52 29.9 0.0	
EMAL	EMAL	P	01 53 07.6 -1.7	
EMAL	EMAL	P	01 52 35.0 +2.1	
EMAL	EMAL	P	01 53 05.9 +0.7	
EMAL	EMAL	P	01 52 34.0 +1.1	
EMAL	EMAL	P	01 53 17.3 -1.1	
EMAL	EMAL	P	01 53 19.6	
EMAL	EMAL	P	01 52 35.0 +0.1	
EMAL	EMAL	P	01 53 17.0 -1.5	
EMAL	EMAL	P	01 53 28.2 0.2	
EMAL	EMAL	P	01 52 35.1 -8.3	
EMAL	EMAL	P	01 53 16.4 -2.1	
EMAL	EMAL	P	01 53 16.6 -1.9	
EMAL	EMAL	P	01 53 30.8	
EMAL	EMAL	P	01 52 36.7 +0.4	
EMAL	EMAL	P	01 53 19.2 -1.7	
EMAL	EMAL	P	01 53 21.1	
EMAL	EMAL	P	01 53 23.1	
EMAL	EMAL	P	01 53 21.6 +0.5	
EMAL	EMAL	P	01 52 36.6 +0.1	
EMAL	EMAL	P	01 53 11.8	
EMAL	EMAL	P	01 52 36.7 +0.1	
EMAL	EMAL	P	01 53 20.4 -0.9	
EMAL	EMAL	P	01 53 26.2	
EMAL	EMAL	P	01 53 26.8	
EMAL	EMAL	P	01 53 36.4	
EMAL	EMAL	P	01 52 37.5 +0.1	
EMAL	EMAL	P	01 53 20.9 -2.0	
EMAL	EMAL	P	01 52 37.5 +0.1	
EMAL	EMAL	P	01 53 21.5 -1.4	
EMAL	EMAL	P	01 53 24.7	
EMAL	EMAL	P	01 53 28.2	
EMAL	EMAL	P	01 53 30.7	
EMAL	EMAL	P	01 52 40.0 +0.5	
EMAL	EMAL	P	01 53 28.2 -2.0	
EMAL	EMAL	P	01 53 47.1 +5.1	
EMAL	EMAL	P	01 53 49.5	
EMAL	EMAL	P	01 52 42.2 +0.7	
EMAL	EMAL	P	01 53 27.4 -2.4	
EMAL	EMAL	P	01 53 47.3 +5.4	
EMAL	EMAL	P	01 52 42.3 +0.6	
EMAL	EMAL	P	01 53 28.6 -2.0	
EMAL	EMAL	P	01 53 51.6	
EMAL	EMAL	P	01 52 32.2 +0.2	
EMAL	EMAL	P	01 53 30.3 +0.9	
EMAL	EMAL	P	01 52 42.3 +0.2	
EMAL	EMAL	P	01 53 29.1 -2.3	
EMAL	EMAL	P	01 53 34.9	
EMAL	EMAL	P	01 52 43.1 +0.9	
EMAL	EMAL	P	01 53 30.5 -1.0	
EMAL	EMAL	P	01 53 36.1	
EMAL	EMAL	P	01 53 42.8	
EMAL	EMAL	P	01 52 43.2 +0.6	
EMAL	EMAL	P	01 53 39.0	
EMAL	EMAL	P	01 52 44.1 +0.1	

MESJ	comp=N,4.7nm,0.4s	eS	01 53 32.6 -2.2	
MESJ	Messejana	4.38 304	ePn	01 52 44.2 +0.1
MESJ	Messejana	eSn	01 53 33.0 -1.7	
MESJ	Messejana	IAML	01 53 35.0	
MESJ	Messejana	IAML	01 53 37.2	
MESJ	Messejana	IAML	01 53 42.5	
MESJ	Messejana	IAML	01 52 44.9 +0.8	
MESJ	Messejana	IAML	01 53 32.3 -2.6	
MESJ	Messejana	IAML	01 53 37.2	
MESJ	Messejana	IAML	01 53 37.2	
MESJ	Messejana	IAML	01 53 38.4	
MESJ	Messejana	IAML	01 53 38.9	
MESJ	Messejana	IAML	01 53 44.2	

IDC 30 02:07:31.9-1.2, 64.04N-148.88W, h0km, mb3.6/3, mblmp3.7/6, ML3.6/3, Error ellipse: s-maj=13.3km s-min=10.9km az=94.0

NEIC 30 02:07:32.9, 64.03N, 148.83W, h10km NEIC 30 02:07:33.0-1.9, 64.04N, 0.02-148.80W, 0.05, h10km, 1km, ML3.8/194, Mwr3.5/49, ML3.6(AEIC), Error ellipse: s-maj=4.2km s-min=2.8km az=299.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr: 1.62; Mss: 2.29; Mss: 0.66; Mss: 0.89; Mss: 0.62; Mss: 0.65; Fault plane solution: M2: 40000x10^14, NP2: 50.700; 342.45000; 3.45, 11000; NP2: 284, 16000; 361.43000; 1.122.84000; Principal axes: T: 2.2058, P: 959.0000; Azm243.0000; N: 0.3458, Plg28.0000; Azm87.0000; P: -2.5516, Plg11.0000; Azm351.0000;

AEIC 30 02:07:33.1-1.9, 64.03N, 0.02-148.80W, 0.06, h14km, 4km Error ellipse: s-maj=4.3km s-min=2.6km az=62.0 ISC 30 02:07:32.6-1.0, 64.03N, 0.02-148.82W, 0.02, h8km, 8km, n183, o992/159, mb3.5/3, Central Alaska

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

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

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

SNET 30 02:19:58.2, 3.6, 13.48N, 90.94W, h29km, ML3.5, Presumed earthquake
CATAC 30 02:19:59.0, 0.7, 13.3N, 90.91W, h1km, 3km, M3.7/19, ML3.7/19, Error ellipse: s-maj=9.3km s-min=3.4km az=29.2, confirmed
GCG 30 02:20:00.6, 1.4, 13.56N, 90.96W, h29km, 6km, MD4.4, Presumed earthquake
ISC 30 02:19:58.3-1.9, 13.52N, 0.06-90.977W, 0.06, h3km, 11km, n32, o1940/57, Near coast of Guatemala

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

SLM 30 02:34:42.5, 2.0, 7.35S, 54N, 0.01-90.46W, 0.02, h8km, 2km, Error ellipse: s-maj=2.3km s-min=1.5km az=136.0

s-min=3.3km az=41.8,confirmed
ISC 30 05:10:42.6:1.5,36.47S;0.05:177.40E:0.05,h11km,10km,
n85,+198/90,3C,Off east coast of North Island

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

Table with columns: KHZ, Kahutara, 6.65 206 S, Sn, 05 13 34.7 -1.3. Includes station names like Kahutara, Troll, and VNA3, along with detailed seismic event parameters and coordinates.

Table with columns: JKA, Kamikawa-asahi, 8.19 14 P, Pn, 05 39 38.6 +0.4. Lists stations like Kamikawa-asahi, JTU, KSRS, and USRK with their respective seismic data.

30d 5h

Table with columns for station name, coordinates, magnitude, and other seismic data. Includes stations like CMAR Chiang Mai Arr, ZALV Zalesovo Beam, and various stations in the Balkans and Europe.

2020 AUG

Table with columns for station name, coordinates, magnitude, and other seismic data. Includes stations like OBN Obninsk, FINES FINESS Array B, and various stations in the Balkans and Europe.

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Table with columns for station name, coordinates, magnitude, and other seismic data. Includes stations like NIL Nilore, JMU Jammu, and various stations in the Balkans and Europe.

CGC 30 05:44:23.04, 13.94N; 91.90W, h20km, 5km, MD4.2, Presumed earthquake
CATAC 30 05:44:23.5, 14 N15.5, 9 W21.5, h8km, 9km, M3.4/12, MLV3.4/12, confirmed
SNET 30 05:44:28.5, 3.1, 14 N16N; 91.59W, h80km, ML3.0, Presumed earthquake
ISC 30 05:44:24.0, 2.3, 14.00N; 09.9186W; 0.09, h19km, 5km, n23, c153/34, Guatemala

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and other seismic data. Includes stations like STG8 El Palmer, SOKI SOKI, THIG THIG, etc.

NEIC 30 05:44:51.5, 1.3, 33.97N; 0.08; 69.48E; 0.10, h10km, 1km, mb4.0/4, Error ellipse: s-maj=17.2km s-min=6.8km
az=226.0

NDI 30 05:44:53.0, 3.2, 34.53N; 69.44E, h10km, ML4.0, MW3.8, Presumed earthquake
IDC 30 05:44:54.0, 8.34, 41N; 70.02E, h0km, mb3.9/14, mbtmp3.9/19, ML3.6/5, MS3.1/4, Error ellipse: s-maj=16.6km s-min=15.4km az=33.0

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and other seismic data. Includes stations like KBL Kabul, KBL KBL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LESA, KEST, KBA, BIOA, MOA, GEC, GERES, etc.

SOME 30 06:09:54.2, 43.27N, 82.95E, h15km
NNC 30 06:09:55.3, 3.8, 43.36N, 82.93E, h0km, mb3.7, mpv3.2,
Error ellipse: s-maj=32.6km s-min=21.0km az=151.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DJR, SHLS, UZB, etc.

Main table with columns: WIZ, White Island, 0.76 182, P, S, P, 06 10 36.8 +0.1, etc. Includes stations like MYRZ, Te Kaha, Matakaoa Point, Ohinepanea, etc.

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

INMG 30 06:38:32.5, 1.2, 35.42N, 3.67W, h3km, ML1.9, Error ellipse: s-maj=2.7km s-min=2.5km az=22.0, #DIST_RANGE: REGIONAL #IPMA_REGION: NE AI

MDD 30 06:38:32.7, 0.6, 35.46N, 3.66W, h4km, 4km, mb_Lg2.7/17, Error ellipse: s-maj=3.7km s-min=3.5km az=174.0

CNRM 30 06:38:32.1, 35.56N, 3.68W, h29km, ML2.2, IGL 30 06:38:33.5, 35.46N, 3.66W, h4km, SFS 30 06:38:33.3, 35.43N, 3.60W, h17km, ML3.1/19, ML3.1/19, MLv3.0/19

ISC 30 06:38:32.2, 1.0, 35.48N, 0.02, 3.65W, 0.02, h15km, 8km, n61, c1934/117, 1.3, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALE, WMEL, EMEL, EMLI, EMLB, ELGU, EMIJ, EMJ, EMAL, CHEFC, JBK, ECEU, EBER, EGOR, EQTA, ENIJ, ESPR, IFR, QUESA, MD31, MDT, EADA, EMIN, PSIM, ETOB, EGRO, PVAQ, PLOUS, PBAR, PBV, EBO, EBD, MESJ, GSPA, TROLL, VNA3, VNA2, FINES, etc.

WEL 30 06:10:21.5, 0.6, 37.4, 17.7E, h5km, M3.7/25, ML3.7/24, MLv3.7/25, Error ellipse: s-maj=5.9km s-min=2.9km az=43.4, confirmed

IDC 30 06:10:24.3, 2.3, 36.98S, 176.61E, h0km, mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=68.9km s-min=18.9km az=57.0

ISC 30 06:10:21.1, 1.6, 36.77S, 0.05, 177.23E, 0.04, h6km, 10km, n74, c1507/82, mb4.3/5, 3C, Off east coast of North Island

IDC 30 06:16:34.4, 2.2, 34S, 139.93E, h0km, mb3.2/2,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LGTI, GUNA, MAKZ, MKAR, AB31, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JUBA, ESPZ, PMSA, ORCD, etc.

ISC 30 09:53:53.3-1.4, 13.325:166.23E, h0km, mb3.7/6, mbmp3.7/7, ML3.2/1, MS2.8/2, Error ellipse: s-maj=40.9km s-min=25.9km az=98.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CERRO LA CRUZ, Popeta, San Alfonso.

OSUNB 30 11:18:06.9-0.2, 131.03S:39.64W, h0km, mR3.6/22, Error ellipse: s-maj=1.2km s-min=1.8km az=0.0

VAO 30 11:18:07.1-0.3, 131.00S:39.58W, h0km, mR3.7, Presumed earthquake

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NBIT Itapeh-BA, NBPNT Ponto Novo-B, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADK Adak, ADAG Mount Adag, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSSP Great Sitkin S, GSTD Great Sitkin T, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHEM Shemya Is, Alas, SHEM Shemya Is, Alas, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHEM Shemya Is, Alas, SHEM Shemya Is, Alas, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MA2 Magadan, SEY Seymour, SEY Seymour, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G24K Hadweencz River, G24K Hadweencz River, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like D25K Kavir River, D25K Kavir River, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSRS Korea Array, MSO Missoula, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TPNV Topop Spring, PDAR Pinedale Array, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T25A Trinidad, T25A Trinidad, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, CMAR Chiang Mai Arr, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H03N2 Juan Fernandez, H03N1 Juan Fernandez, etc.

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

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

AEIC 30 11:20:02.8-1.8, 51.39N:017.178-34W, h0.05, h24km, 5km, Error ellipse: s-maj=11.0km s-min=3.3km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

NEIC 30 11:20:03.3-1.2, 51.37N:017.183-31W, h0.03, h29km, 7km, Error ellipse: s-maj=11.6km s-min=3.5km az=166.0

30d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, PR, LSP Las Mesas, etc.

ADC 30 11:43:10.9,3.3,6.25S,149.63E,h0km,mb3.3/3, mbmtpp3.5/4,ML1.01,MS2.9/1,Error ellipse: s-maj=107.0km s-min=30.1km az=118.0,New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG 3.2nm,0.3s, etc.

WEL 30 11:49:55.4,0.8,37.7S,7.17E,h5km,M3.5/16, ML3.5/16,MLV3.5/16,Error ellipse: s-maj=9.5km s-min=4.0km az=29.1,confirmed,Off east coast of North Island

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WSRZ White Island S, WIZ White Island, MYRZ Mayor Island, etc.

2020 AUG

MDD 30 11:59:39.8,0.2,42.81N,1.46W,h0km,mb_Lg1.9/19, Error ellipse: s-maj=2.3km s-min=1.4km az=9.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EARA Aranguren, SJPF Ste Jean, EALK Alkuruntz, etc.

DJA 30 12:01:01.9,1.1,1.1N,6.12E,h656km,14km,M4.7/29, mb5.2/6,mb5.0/8,MLV4.6/29,Mv(mb)4.6/6

NEIC 30 12:01:02.4,0.7,0.96N,10.12E,h656km,9km,mb3.6/33, mbmp4.7/35,Error ellipse: s-maj=13.7km s-min=6.7km az=70.0

GFZ 30 12:01:02.7,0.2,2.1N,4.12E,h646km,4km,M4.5/21, mb4.9/21

ISC 30 12:01:02.2,0.4,0.95N,10.04E,h653km,5km, mb2.9/103/296,mb4.4/81,1C,Minahassa Peninsula, Sulawesi

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOLI Tolitoli, LUWI Luwuk, KKK Kota Kinabalu, etc.

1698

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Warramunga Arr, RPSI Raptau, PSI Prapat, etc.

LDG 30 11:59:38.7,0.1,42.85N,1.50W,h2km,Md2.5/2,Error ellipse: s-maj=2.5km s-min=2.1km az=127.0

Table with columns for station name, frequency, and other details. Includes stations like Lichensteins R, Thames High Sc, Te Aroha Colle, Waiomatatini S, Kaharoa, Kaimai, Urewera, etc.

Table with columns for station name, frequency, and other details. Includes stations like OHWZ Ohakea, BFZ Birch Farm, MRZ Mangatainoka R, etc.

Table with columns for station name, frequency, and other details. Includes stations like H1N13 WAKE ISLAND Hy, H1N12 WAKE ISLAND Hy, EDFI Waikabubak, etc.

30d 15h

ellipse: s-maj=35.4km s-min=32.5km az=162.0
ISC 30 14:55:54.9, 1.2, 28.6N, 0.1, 88.30E, 0.09, h35km, n11,
c#191/16, mb3.7/3, Kizang

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAMN Ramite, RAMN Gumba, GUN Pulchoki, etc.

ISC 30 15:14:54.6, 39.92N, 45.09E, h5km, ML2.7/5
AZER 30 15:14:54.8, 39.89N, 45.12E, h5km, ml2.8
DRS 30 15:14:55.5, 39.80N, 45.20E, h0km
AFAD 30 15:14:56.7, 39.97N, 45.06E, h6km, 4km, ML2.5
TEH 30 15:14:59.3, 39.67N, 45.34E, h7km, 138km, ML2.8,
Presumed earthquake

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HYP Heyderabad, GNI Garni, SBZ Shahbaz, etc.

2020 AUG

Main table with columns: BTLR, eSn, Sg, etc. Includes stations like XNZR Khunzakh, ARKR Arakani, etc. and various ISC entries.

1704

Table with columns: TOZ, P, AML, etc. Includes stations like Tahuroa Road, Republican Roa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Wufeng Townshi, Kuro-shima, Tachien, Shilin, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like White Island S, White Island, Mayor Island, Te Kaha, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Fiji Islands, Stephens Creek, Warramunga Arr, etc.

1705 15:38:14.8 & 1.9, 36:75S:177:17E, h0km, mb4.1/4, mbmp4.1/4, MS3.4/9, Error ellipse: s-maj=53.4km s-min=19.3km az=71.0

1705 15:38:35.1:53.0, 18:26S:179:10E, h0km, mb4.0/3, mbmp4.0/3, Error ellipse: s-maj=953.1km

1705 15:44:04.3: 1.5, 36:78S:177:17E, h0km, mb4.2/5, mbmp4.2/5, ML2.0/1, MS3.0/3, Error ellipse: s-maj=42.4km s-min=18.3km az=75.0

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like YUK, RUSJ, NEM2, Nemuro-Hokkai, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like F19K, LZH, LZDM, F20K, B20K, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like GEC2, GERES, KEST, SJA, GUC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHLS Shalkode, UZB Uzynbulak, PRZ Przheval'sk, etc.

NNC 30 17:21:18.6:0.9,42:27N:79:55E,h0km,mb2.3,mpv2.6, Error ellipse: s-maj=5.4km s-min=5.1km az=164.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRZ Przheval'sk, SHLS Shalkode, UZB Uzynbulak, etc.

MAN 30 17:35:13.0:5.64N:126:43E,h156km,MS3.7, IDC 30 17:35:16.2:1.2,5.53N:126:19E,h154km,12km,mb3.0/4,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, DAV Davao City (W), etc.

0.1nm,0.4s,baz=115,slow=7.1,SNR=4-2 0.1nm,0.4s

MOS 30 17:44:05.9:1.0,6:54N:125:24E,h33km,mb5.0/49, MS4.0/4, Error ellipse: s-maj=9.1km s-min=4.7km az=115.9

Code Station Name Az Az' Phase ID Time Res. Includes stations like KCP Kidapawan, DMPH Davao City-Mi, etc.

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

Table with columns: SWI Sorong, NLAI Namlea, AAI Ambon, KDI Kendari, MMSI Mamuju, etc. Includes station names, coordinates, and time/resolution data.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BTDF Bukit Timah Da, KNRA Kununurra, BBJI Bungbulang, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like QIS Mount Isa, TIA Tai'an, MTSU Mount Surprise, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like VLA Vladivostok, INKA Innaminka, QLP Quilpie, etc.

30d 17h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ARMA, GRNR, BRAT, CAN, etc.

2020 AUG

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MA2, BOOM, KUU, MSVF, AAK, AAK, etc.

1710

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SVE, ARTI, ARTI, ARTI, etc.

30d 18h

Table with columns: WRA, S, Sn, 18 22 31.3 -11, MNAI, Manna, 9.26 297 P Pn, 18 30 16.6 +0.4, FITZ, Fitzroy Crossi, 52.11 262 P P, 18 42 13.1 -0.3

2020 AUG

1712

IDC 30 18:23:45.3,2.2, 16:14S:176:15W, h343km,23km, mb3.3/7, mbtmp3.9/8, Error ellipse: s-maj=26.9km s-min=19.5km

IDC 30 18:23:46.0,8, 16:15S:02:176:1W, h360km, n9, o096/11, mb3.4/7, Fiji Islands region

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

IDC 30 18:27:53.1,0.5, 8:43S:111:08E, h0km, mb4.1/18, mbtmp4.1/19, ML4.3/1, Error ellipse: s-maj=23.3km s-min=10.4km az=53.0

DJA 30 18:28:06.2,0.2, 9:53S:111:1E, h75km,4km, M4.7/52, m25.3/6, mb4.3/11, ML4.7/52, N(M)B4.7/6

NEIC 30 18:28:06.2, 1.9, 8:55S:01:11:30E:0.05, h108km,6km, mb4.2/15, Error ellipse: s-maj=18.4km s-min=5.3km az=196.0

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

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

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

IDC 30 18:33:30.2,30.0, 19:92S:179:07W, h270km,52km, mb3.3/4, mbtmp3.9/5, Error ellipse: s-maj=52.5km s-min=112.8km az=86.0, Fiji Islands region

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

SJA 30 18:48:42.5,0.7, 24:01S:66:76W, h237km, ML4.5, MW4.3, IDC 30 18:48:43.5, 1.1, 23:87S:66:53W, h196km,9km, mb3.8/15, mbtmp4.3/22, Error ellipse: s-maj=14.1km s-min=9.7km az=73.0

NEIC 30 18:48:43.9,2.0, 23:95S:07:66:71W, h10.0, h203km,7km, mb4.4/41, Error ellipse: s-maj=12.7km s-min=9.7km az=82.0

VAO 30 18:48:43.5,0.4, 23:92S:66:72W, h210km, mb4.6, Presumed earthquake

GFZ 30 18:48:45.1,0.2, 24:5:3x6:7W, h210km, h200km, M4.5/13, mb4.5/13

ISC 30 18:43:45.0,3.2, 23:92S:04:66:72W, h200km, m21.4, s1545/227, mb4.4/37, 4C, Jujuy Province

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

Table with columns: Station Name, Time, Res, P, Pn, and various station codes. Includes stations like PSAL, PTLB, VILB, etc.

Table with columns: Station Name, Time, Res, P, Pn, and various station codes. Includes stations like ANMO, TASM, ECSD, etc.

Table with columns: Station Name, Time, Res, P, Pn, and various station codes. Includes stations like HOWZ, TRWZ, MRZ, etc.

NOU 30 18:53:27.6, 41°52'S-173°07'E, h115km, MLV4.1/23, South Island, New Zealand
WEL 30 18:53:30.2, 0.5, 41°S-173°E, h2km, 5km, M4.0/23, ML3.9/18, MLV4.0/23, Error ellipse: s-maj=5.2km
s-min=2.9km az=131.7, confirmed
ISC 30 18:53:28.5, 1.2, 41.49S-173.01E-0.03, h106km, 6km, n140, e133/153, South Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAN 30, ABM, ABM, etc.

30d 20h

Table with columns: ATG, Ambohily, 1.19 315 Pg, Pb, 18 58 49.8 0.0, 18 59 06.4 -0.6

NOU 30 19:05:11.9, 17:16S:167.95E, h12km, ML4.0/21, Vanuatu Islands, Vanuatu Islands

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

NEIC 30 19:10:55.5 1.4, 43.61N:0.02:105.26W:0.03, h0km, 1km, ML3.1/15, Error ellipse: s-maj=5.0km s-min=2.8km az=53.0

IDC 30 19:10:57.3:2.3, 44.08N:105.54W, h0km, mbtmp3.5/2, ML3.3/2, Error ellipse: s-maj=63.0km s-min=13.0km az=145.0

ISC 30 19:10:54.9 1.0, 43.62N:0.05:105.22W:0.06, h0km, n19, az=227.17, Wyoming

Main table for NEIC and IDC stations with columns: Code, Station Name, Az, Phase ID, Time, Res

IDC 30 19:24:31.7:7.7, 24.27S:179.63E, h604km, 103km, mb2.8/4, mbtmp3.9/5, Error ellipse: s-maj=174.6km s-min=102.6km az=96.0, South of Fiji Islands

Table for IDC stations in the South of Fiji Islands region

IDC 30 19:35:58.4:0.6, 19.28N:120.08E, h0km, mb3.8/16, mbtmp3.9/17, ML3.4/1, MS3.2/11, Error ellipse: s-maj=28.2km s-min=13.0km az=63.0

MAN 30 19:36:04.0, 19.22N:120.17E, h32km, MS3.8

ISC 30 19:36:02.1:0.5, 19.44N:0.04:120.20E:0.08, h24km, n37, az=166.37, mb3.8/15, MS3.2/9, Philippines Islands region

Main table for IDC and MAN stations in the Philippines Islands region

2020 AUG

Main table for 2020 AUG stations, including FITZ, MKAR, WRA, ZALV, AAK, ASAR, KURBB, BVAR, NRIK, STKA, KBZ, SPITS, FINES, AKASA, NOA, and NOA

IDC 30 19:38:10.3: 1.8, 3.74N:126.75E, h0km, mb3.4/5, mbtmp3.4/5, Error ellipse: s-maj=129.2km s-min=21.0km az=70.0

ISC 30 19:38:17.0: 1.2, 3.6N:0.1:127.0E:0.2, h48km, n8, az=287.11, mb3.5/5, Talaud Islands

Table for IDC and ISC stations in the Talaud Islands region

IDC 30 19:42:26.8:0.7, 62.14S:58.07W, h0km, mb4.3/7, mbtmp4.3/9, ML3.5/2, MS3.6/19, Error ellipse: s-maj=27.3km s-min=18.6km az=79.0

NEIC 30 19:42:27.4: 1.7, 62.38S:0.06:58.47W:0.2, h10km, 1km, mb4.6/13, Error ellipse: s-maj=16.7km s-min=6.1km az=55.0

ISC 30 19:42:27.8:0.5, 62.34S:0.06:58.38W:0.06, h10km, n59, az=151.42, mb4.3/11, MS3.6/18, SC-1D, South Shetland Islands

Main table for IDC, NEIC, and ISC stations in the South Shetland Islands region

1714

Main table for 1714 stations, including MAW, LPAZ, H10S3, H10S2, BOSA, H10N3, H10N1, H10N2, BOAV, LBTB, LSZ, DBIC, SJO, OPO, CMIG, STKA, TORD, MBAR, ASAR, WRA, TXAR, TKL, BRTR, CMAR, ARCES, KKAR, SPITS, BVAR, MJAR, MKAR, KURBB, SONM

AUST 30 20:35:26.7 1.7, 18.1S:3.12E, h7km, 13km, ML3.7/7, Error ellipse: s-maj=7.6km s-min=5.4km az=120.9

NOU 30 20:35:27.2, 18.40S:120.28E, h0km, mb4.7/17, Western Australia

IDC 30 20:35:33.6 1.2, 18.70S:120.68E, h0km, mb3.6/3, mbtmp3.8/6, ML4.0/4, MS3.7/1, Error ellipse: s-maj=17.2km s-min=14.6km az=3.0

ISC 30 20:35:27.9:0.8, 18.37S:0.05:120.32E:0.05, h10km, n65, az=174.65, mb3.8/3, Western Australia

Main table for IDC and ISC stations in Western Australia

1715

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

ADC 30:20:35-49.0-0.7, 40:75N-51:93E, h0km, mb4.3/19, mbmp4.3/29, ML4.2/11, MS3.2/23, Error ellipse: s-maj=17.0km s-min=7.7km az=169.0

MOS 30:20:35-49.8-1.3, 40:82N-51:92E, h12km, mb4.7/9, Error ellipse: s-maj=5.5km s-min=4.1km az=39.9

NEIC 30:20:35:50.1-2.3, 40:67N-0:08-51:95E:0.10, h10km, mb4.6/25, Error ellipse: s-maj=13.7km s-min=12.6km az=166.0

GFZ 30:20:35:51.9-0.2, 41:14N-4:52E, h10km, M4.2/30, mb4.4/30

AZER 30:20:35:55.2, 40:40N-51:73E, h33km, ml4.2

NINC 30:20:35:58.4, 2.8, 41.22N-51.92E, h0km, mb4.5, Error ellipse: s-maj=28.6km s-min=22.7km az=63.0

ISC 30:20:35:52.5-1.2, 40:72N-0:04-51:94E:0.03, h26km, g9km, n350, i195/404, mb4.5/81, MS3.3/17, 25C-21D, Caspian Sea

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GALA, GALA, GALA, NDR, NDR, NDR, etc.

2020 AUG

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HYR, GNI, GNI, GNI, GNI, etc.

30d 20h

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SVE, SVE, SVE, SVE, SVE, etc.

Table with columns: P, MOE, Porto Moniz, M, 34.17, 19, eS, S, 21 32 51.4, +1.0, 21 35 52.2, 21 37 46.7, etc.

Table with columns: SRBOC, AVE, Averroes, 38.77, 31, P, P, 21 27 53.5, -0.5, 21 27 50.0, -4.0, etc.

Table with columns: MOE, Montemor, 42.58, 25, eP, P, 21 28 27.4, +2.0, 21 28 30.5, 21 42 22.7, etc.

30d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PVIS, PB02, IPOC Station P, PTO Porto, PTBC PUERTO BERRIO, etc.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like IMBA Imbabura, Ana Tenorio, CFA Coronel Fontan, CUSE Cuicocha Este, etc.

1720

Table with columns for station name, frequency, power, and other technical details. Includes stations like WIN Windhoek, WIN Windhoek, WIN Windhoek, MT02 Curacav, etc.

30d 21h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like K57A Scipio Center, FUSE Fusea, TRI Trieste, etc.

2020 AUG

Table with columns for station ID, name, frequency, and signal strength. Includes stations like TEIGA Tepich, BIOA Bad Ischl, GR1A Gradenberg Arr, etc.

1722

Table with columns for station ID, name, frequency, and signal strength. Includes stations like GERES GERESE Arr B, THAL Theodor Arzberg, ARSA Arzberg, etc.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like XOR, DION, HSKC, etc.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like M50A, U49A, SCIG, etc.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like MUD, RZN, RIFER, etc.

1725

Table with columns for station name, frequency, power, and other technical details. Includes stations like Neumayer-Watz, Belgrade, Ozona, Agassiz Nation, etc.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like Ogallala, Cap Rock, Obninsk, Fort Churchill, etc.

30d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Gani, Black Hills, Belgrade, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SPITS Spitsbergen Ar, HSIG Tucson, PD31 Pinedale Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BMO Blue Mountains, NV11 Mina Array Sit, AKTO Aktyubinsk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BORK Borovoye Array, BVAR Borovoye Array, N32M Quiet Lake, etc.

Table with columns: Station, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like KSH2 Kashi, H22K Ishatitina Cre, F21K Ainaia River, etc.

Table with columns: Station, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like ULN Ulaanbaatar, GTA2 Gaotai, ADK Adak, etc.

Table with columns: Station, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like BJ2 BinXian, BNK BinXian, BNK BinXian, etc.

30d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTV, SANVU, YATNC, NOUC, OUCEN.

IDC 30 22:21:52.3:5.0,36:35N:71.18E,h202km,38km,mb3.3/6, mltmp3.4/12, Error ellipse: s-maj=45.6km s-min=28.3km az=159.0

NEIC 30 22:21:55.0:1.7,36:56N:07:71.1E:0.1,1,h228km,7km, mb4.1/9, Error ellipse: s-maj=12.9km s-min=10.1km az=69.0

NNC 30 22:22:00.0:3.1,36:99N:70:90E,h203km,38km,mb2.6, mpv3.5, Error ellipse: s-maj=30.4km s-min=18.2km az=14.0

ISC 30 22:21:53.0:1.0,36:59N:07:51.1E:0.06,h200km,n55, c2504/64,mb3.7/6,3C-3D,Afghanistan-Tajikistan border region

Main table of station data for the 30d 23h period, including station names, coordinates, and operational status.

IDC 30 23:09:52.6:4.3,40:31N:112:17E,h0km,mb3.2/3, mltmp3.4/4,ML3.7/1, Error ellipse: s-maj=94.0km s-min=18.2km az=79.0, Northeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM, WARR, R33M.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM, SONM, SONM, SONM, CMAR, KURBB.

IDC 30 23:27:50.7:866.0,28:49N:80:81W,h0km, Error ellipse: s-maj=433.6km s-min=233.7km az=37.0, Florida

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I51GB, I10CA, I18DK.

MDD 30 23:28:20.3:1.3,36:70N:2:10E,h0km, Mb3.7/14, M_mb3.0/14, Error ellipse: s-maj=10.6km s-min=6.2km az=153.0

CRAAG 30 23:28:20.1,36:53N:2:09E,MI3.1,Algrie 07km SW Sidi-Ghiles

ISC 30 23:28:20.4:1.4,36:66N:0:07:2:06E:0:06,h16km,15km, n20, c099/31,10C,Northern Algeria

Main table of station data for the 2020 AUG period, including station names, coordinates, and operational status.

FUNV 30 23:29:09.6,10:94N:61:85W,h5km,MW3.6, Presumed earthquake, Trinidad

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRN, GRGR, TRC, TACV, BEW, TURV.

MCSM 30 23:30:31.7:0.8,46:16N:5:27E, h127km,9km,MLV2.9 SOF 30 23:30:31.9,45:75N:0:02:26:84E:0:02, h130km,2km,

SIGU 30 23:30:31.8:0.2,46:16N:5:27E, h131km,1km,mb3.0/3, MD3.2/3

BUC 30 23:30:32.6:0.2,45:75N:26:80E, h123km,1km,ml3.7/54, Error ellipse: s-maj=1.5km s-min=1.3km az=27.0

CFUSG 30 23:30:34.2,45:78N:27:05E, h110km, Mb2.4/4, MD3.2/4, MSH2.7/4

ISC 30 23:30:31.3:1.2,45:79N:0:03:26:82E:0:03, h134km,5km, n103, c069/145,64C-32D, Romania

Main table of station data for the 2020 AUG period, including station names, coordinates, and operational status.

1730

Main table of station data for the 1730 period, including station names, coordinates, and operational status.

31d 1h

Table with columns: MAW, MAW, MAW, TROLL, NVAR, VNA2, TXAR, PDAR, BVAR, FINES, HFS, AKASG, BRTR, MMAI, EKA, BUR08. Each row contains station name, time, and magnitude.

CATAC 31 00:28:26.9-0.4, 16°N, 3°9'52"W, h88km, 10km, M4.5/8, mb4.4/4, mB5.1/3, MLV4.5/8, Mw(MB)4.4/3, Error ellipse: s-min=7.4km s-max=4.5km az=26.3, confirmed

MEX 31 00:28:27.7-0.7, 16°54'N, 95°05'W, h27km, 12km, MD4.4, NEIC 31 00:28:27.1-2.0, 15°49'N, 0°08'35"W, 0.05, h35km, 2km, mb4.1/66, Md4.4/10(MEX), Error ellipse: s-min=13.8km s-max=7.5km az=19.4

ISC 31 00:28:25.0-0.9, 15°46'N, 0°05'95.01W, 0.03, h37km, n150, c261/235, mb4.2/5, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations from Huatulco to Sabancuy.

2020 AUG

Main station list table with columns: SCIG, Sabancuy, 5.05 46 eP, Pn, 00 29 38.2 -0.6. Lists stations from Sabancuy to Y22A.

1732

Main station list table with columns: T35A, Sooner Cattle, 21.41 357 P, Iamb, P, 00 33 11.4 +1.3. Lists stations from Sooner Cattle to Y22A.

NORS 31 00:43:52.0, 41°23'N, 43°88'E, h10km, MPVA3.6
MOS 31 00:43:54.1, 41°19'N, 43°82'E, h9km, MPVA3.5
AFAD 31 00:43:55.8, 41°26'N, 43°67'E, h8km, 2km, ML2.3
AZER 31 00:43:56.1, 41°39'N, 44°20'E, h9km, ml2.2
DRS 31 00:43:58.2, 40°92'N, 44°00'E, h35km
ISC 31 00:43:53.2, 1.1, 41°28'N, 0°02'43.93E, 0.02, h8km, 10km, n57, c1946/110, Turkey-Georgia-Armenia border region

SSNC 31 01:06:46.6: 1.3, 19°70'N, 72°87'W, h20km, 26km, MD3.2, ML1.8, Presumed earthquake
OSPL 31 01:06:47.6: 1.1, 19°30'N, 72°79'W, h31km, 20km, ML2.3, Presumed earthquake

ISC 31 01:06:38.9±1.3, 19.73°N, 0'09.7291°W, 0.05, h4km, 13km,

n11,+087/20, Haiti region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like LOPP1 Punta Rusia, P, SDDR Presa de Saban, QMBU Quimbueo, etc.

Table with columns: ALS, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ALS Alishan, EOS3 Donghe, WHP Taichung City, etc.

Table with columns: WSSB, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WSSB Lan-yu, LAY Lan-yu, LIU Shizi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SB 01 22 32.1 +0.4, SB 01 22 06.8 -0.8, SB 01 22 28.2 0.0, etc.

DC 31 01:21:34.1±1.4, 23.86°N, 122.04°E, h0km, mb3.7/8, mblmp3.7/8, MS3.0/1, Error ellipse: s-maj=54.2km

NIED 31 01:21:40.0, 23.73°N, 121.63°E, h37km, MW3.9, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm

JMA 31 01:21:40.0±0.1, 23.73°N, 121.63°E, h37km, 2km, MW3.8/16, TAIWAN REGION

TAP 31 01:21:40.5, 23.76°N, 121.61°E, h36km, ML4.4, C

ISC 31 01:21:40.0±0.6, 23.74°N, 0'01.121.65°E, 0.02, h34km, 13km, n175,+0108/302, mb3.6/8, 2C-11D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SHUL Shoufeng, SHUL Jichi Village, TEVC Yanliu Villag, etc.

PAS 31 01:23:25.1±2.0, 31.50°N, 0'01.115.65°W, 0.02, h10km, 2km, Error ellipse: s-maj=3.3km, s-min=3.0km, az=244.0

MEX 31 01:23:26.3, 1.3, 31.52°N, 115.56°W, h20km, 10km, MD3.9

NEIC 31 01:23:24.0±2.2, 31.49°N, 0'02.115.59°W, 0.02, h10km, 2km, ML2.6/38, ML2.9/66(PAS) SC-3D, Error ellipse: s-maj=3.5km, s-min=3.1km, az=262.0, Baja California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VTX Valle De La Tr, VTX Valle De La Tr, VTX San Joaquin, etc.

31d 2h

Table with columns: YUH, Yuna Desert, 1.17 350, Pg, Pb, 01 23 45.9 -0.4, 01 24 02.9, etc.

NNC 31 01:36:54.0-0.9, 42.89N-78.18E, h0km, mb1.5, mpv2.7, Error ellipse: s-maj=9.4km s-min=5.2km az=174.0

KRNET 31 01:36:54.9-0.1, 42.93N-78.12E, h30km, mb2.4

SOME 31 01:36:55.0, 42.88N-78.12E, h20km

ISC 31 01:36:54.9-1.0, 42.94N-0.03-78.17E, 0.02, h19km, 2km, n28, c0546/51, 17C-3D, Lake Issyk-Kul region

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

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Main station list table with columns: DJR, Jarkent, 3.6nm,0.1s, 1.82, 40, eP, Sg, 01 37 29.7 -0.4, etc.

1734

Main station list table with columns: MAW, Mawson, comp=Z, 2.14nm, 18.8s, baz=213, slow=36, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MT08 Bocatomina Ro, CO04 Los Peladeros, ML02 Pananimava, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like J19K Poorman, H20K Nowinta River, J10K Hinchinbrook I, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WBO comp=Z,16m,0.8s, WR8 Warramunga Arr, QLP Quilpie, etc.

CATAC 31 03:02:34.9, 0.3, 12°N, 2°E, 8'W, h37km, 5km, M3, 8/28, MLV3, 8/28, Error ellipse: s-maj=6.0km s-min=1.9km az=29.1, confirmed

SNET 31 03:02:37.1, 2.0, 12°7'3N, 87°75'W, h54km, ML3, 4, Presumed earthquake

ISC 31 03:02:34.8, 1.4, 12°41'N, 0°08'87.86'W, 0.05, h50km, 25km, n45, e067/74, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CSGN Cosiguina Volc, INTP Intipuca, CRIN San Cristobal, etc.

NEIC 31 03:03:27.0, 2.2, 5°69'S, 0°08'151'E, 0.1, h35km, 1km, mb4.6/2.4, Error ellipse: s-maj=20.4km s-min=11.9km az=110.0

ISC 31 03:03:29.6, 0.8, 5°45'S, 151°42'E, h79km, 7km, mb4.0/1.2, mbmp4.3/1.4, MS3.2/1.2, Error ellipse: s-maj=21.8km s-min=8.5km az=120.0

ISC 31 03:03:27.6, 0.5, 5°62'S, 0°06'151'E, 0.09, h57km, n76, n185/74, mb4.5/3.1, MS3.2/1.0, 1D, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), RABL Raju, MANU Manu Island, etc.

ISC 31 03:11:59.3, 3.1, 21°18'S, 177°07'W, h276km, 27km, mb3.3/5, mbmp4.0/7, Error ellipse: s-maj=31.7km s-min=19.9km az=90.0

ISC 31 03:12:00.8, 1.1, 21°25'02.177'2W, 0.2, h289km, n9, e18/10, mb3.7/5, Fijii Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MSRV Moresavu, URV Urewera, ASAR Alice Springs, etc.

31d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KSRS, ILAR, AKASG, EKA.

KRNET 31 03:35:06.2-0.1, 40:06'N, 70:82'E, h30km, mb2.8
ISU 31 03:35:07.1, 40:16'N, 70:90'E, h4km
SOME 31 03:35:07.1, 40:18'N, 70:90'E, h15km

Main station list for 31d 3h period. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like BTX, FRG, TSTA, TRKS, OHH, CHMG, CHRV, NRBK, TVKS, PSK, ARSK, ARK, SFK, ARS, IUG, BRLS, MRKS, AAK, NRN, NNN, KDJ.

BUI 31 03:36:45.8, 27:63'N, 52:62'E, h10km, mb5.3/28, mb5.0/66, Ms4.9/53, Ms7.4/752
IDC 31 03:36:50.5, 27:78'N, 53:27'E, h0km, mb4.8/33, mbtmp4.8/39, ML4.2/7, MS4.4/71, Error ellipse: s-maj=12.4km s-min=9.0km az=2.0

TEH 31 03:36:51.3, 27:77'N, 53:19'E, h11km, 18km, ML4.8, Presumed earthquake
GCMT 31 03:36:52.6, 27:63'N, 01:51:53.19E, 0.02, h12km, MW5.1/131, Moment Tensor Solution. s45, c56; s131, c232; Duration: 0 Moment tensor: Scale 1016Nm; Mw=4.6; Ms=4.5; Ms0=4.5; Ms1=4.7; Ms2=4.8; Ms3=4.9; Ms4=5.0; Ms5=5.1; Ms6=5.2; Ms7=5.3; Ms8=5.4; Ms9=5.5; Ms10=5.6; Ms11=5.7; Ms12=5.8; Ms13=5.9; Ms14=6.0; Ms15=6.1; Ms16=6.2; Ms17=6.3; Ms18=6.4; Ms19=6.5; Ms20=6.6; Ms21=6.7; Ms22=6.8; Ms23=6.9; Ms24=7.0; Ms25=7.1; Ms26=7.2; Ms27=7.3; Ms28=7.4; Ms29=7.5; Ms30=7.6; Ms31=7.7; Ms32=7.8; Ms33=7.9; Ms34=8.0; Ms35=8.1; Ms36=8.2; Ms37=8.3; Ms38=8.4; Ms39=8.5; Ms40=8.6; Ms41=8.7; Ms42=8.8; Ms43=8.9; Ms44=9.0; Ms45=9.1; Ms46=9.2; Ms47=9.3; Ms48=9.4; Ms49=9.5; Ms50=9.6; Ms51=9.7; Ms52=9.8; Ms53=9.9; Ms54=10.0; Ms55=10.1; Ms56=10.2; Ms57=10.3; Ms58=10.4; Ms59=10.5; Ms60=10.6; Ms61=10.7; Ms62=10.8; Ms63=10.9; Ms64=11.0; Ms65=11.1; Ms66=11.2; Ms67=11.3; Ms68=11.4; Ms69=11.5; Ms70=11.6; Ms71=11.7; Ms72=11.8; Ms73=11.9; Ms74=12.0; Ms75=12.1; Ms76=12.2; Ms77=12.3; Ms78=12.4; Ms79=12.5; Ms80=12.6; Ms81=12.7; 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Ms167=21.3; Ms168=21.4; Ms169=21.5; Ms170=21.6; Ms171=21.7; Ms172=21.8; Ms173=21.9; Ms174=22.0; Ms175=22.1; Ms176=22.2; Ms177=22.3; Ms178=22.4; Ms179=22.5; Ms180=22.6; Ms181=22.7; Ms182=22.8; Ms183=22.9; Ms184=23.0; Ms185=23.1; Ms186=23.2; Ms187=23.3; Ms188=23.4; Ms189=23.5; Ms190=23.6; Ms191=23.7; Ms192=23.8; Ms193=23.9; Ms194=24.0; Ms195=24.1; Ms196=24.2; Ms197=24.3; Ms198=24.4; Ms199=24.5; Ms200=24.6; Ms201=24.7; Ms202=24.8; Ms203=24.9; Ms204=25.0; Ms205=25.1; Ms206=25.2; Ms207=25.3; Ms208=25.4; Ms209=25.5; Ms210=25.6; Ms211=25.7; Ms212=25.8; Ms213=25.9; Ms214=26.0; Ms215=26.1; Ms216=26.2; Ms217=26.3; Ms218=26.4; Ms219=26.5; Ms220=26.6; Ms221=26.7; Ms222=26.8; Ms223=26.9; Ms224=27.0; Ms225=27.1; Ms226=27.2; Ms227=27.3; Ms228=27.4; Ms229=27.5; Ms230=27.6; Ms231=27.7; Ms232=27.8; Ms233=27.9; Ms234=28.0; Ms235=28.1; Ms236=28.2; Ms237=28.3; Ms238=28.4; Ms239=28.5; Ms240=28.6; Ms241=28.7; Ms242=28.8; Ms243=28.9; Ms244=29.0; Ms245=29.1; Ms246=29.2; Ms247=29.3; Ms248=29.4; Ms249=29.5; Ms250=29.6; 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Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like TIP, MNK, MORH, MARCO, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like GOMU, KSP, UPIC, CHVC, MOA, MYKA, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like UBR, DAVA, NEUB, BLEU, TUE, KEF, etc.

1739

Table with columns: TAM, TAMANRASSET, 43.18 274, P, P, 03 44 54.1 +0.4. Includes stations like TAMANRASSET, NORESS ARRAY B, UCCLE, LANZHOU, HOMBORSUND, etc.

2020 AUG

Table with columns: BTO2, BTO2, 03 52 26.8 -0.8. Includes stations like BTO2, EDMUND BYERS, MONMOUTH, MICHAELCHURCH, etc.

31d 3h

Table with columns: POLO, POLO, 51.04 302, eP, P, 03 45 55.5 +0.7. Includes stations like POLO, IDGL, PESTR, ESTREMOZ, etc.

2020 AUG

1741

Table with columns: TOZ, RAGZ, TKGZ, etc. Station Name, AML, P, Pn, Time, Res. Includes stations like Rawiri, Te Karaka, Murupara, East Tamaki Re, etc.

IDC 31 04:14:25.5:12.0,25:12N,122:33E,h160km,140km, mb3.4/6,mbmp3.9/8,ML4.0/2,Error ellipse: s-maj=137.4km s-min=14.1km az=62.0

TAP 31 04:14:25.7,25:10N,122:31E,h158km,ML4.5,C JMA 31 04:14:26.4,0.2,25:10N,122:31E,h150km,1km, MV3.5/19,TAIWAN REGION

ISC 31 04:14:25.3-0.8,25:06N,103:122:30E,0.02,h161km,4km, n157,0.83/292,mb3.6/6,1C-7D,Taiwan region

Table with columns: Code, Station Name, A, Az, Phase ID, Time, Res. Includes stations like Santiaoz Chiao, Grass Mountain, Shuangxi, Wu-fen Shan, National Taiwa, etc.

Table with columns: NFF, Wufeng Townshi, NWD, Chiawan, TWD, Hsinchuh, etc. Station Name, AML, P, Pn, Time, Res. Includes stations like Wufeng Townshi, Chiawan, Hsinchuh, Emei, etc.

Table with columns: JMJ, Miyako jima 2, JMJ, Miyako jima 2, LYJJ, Jianjiangzhen, etc. Station Name, AML, P, Pn, Time, Res. Includes stations like Miyako jima 2, Jianjiangzhen, Taimali, etc.

31d 4h

Table with columns: Code, Station Name, A, Az, Phase ID, Time, Res. Includes stations like PETK, Petropavlovsk, H1N2, WAKE ISLAND Hy 30.24 153, etc.

IDC 31 04:26:44.8:13.0,23:55S,175:16W,h0km,mb4.0/4, mbmp4.3/9,ML5.2/1,MS3.7/6,Error ellipse: s-maj=35.4km s-min=35.6km az=35.0, Tonga Islands region

31d 5h

2020 AUG

1742

s-min=15.6km az=77.0
WEL 31 04:50:44.5,36.705;177.16E,ML4.0,Mw4.1, Moment
Tensor Solution. Moment tensor: Scale 10^15Nm;

MTHZ AML AML
MTHZ AML AML
RAHZ Arahai 2.17 182 P Pb 04 51 23.7 -1.2

CATAC 31 05:29:56.8,3.3,3.3,3.1,7.7W,1.1,h10km,M4.6/5,mB6.9/1,
mb4.6/1,MLV4.5/5,Mw(mB)6.8/1,confirmed

North Island
Code Station Name Δ° AZZ° Phase ID

Table with columns: Code, Station Name, Δ° AZZ°, Phase ID, ISC, h m s, Time, Res. Rows include White Island, Mayor Island, Te Kaha, Whale Island, Ohinepanea, Matakaoa Point, etc.

North Island
Code Station Name Δ° AZZ° Phase ID

Table with columns: Code, Station Name, Δ° AZZ°, Phase ID, ISC, h m s, Time, Res. Rows include White Island, Mayor Island, Te Kaha, Whale Island, Ohinepanea, etc.

ISC 31 05:29:59.6,0.4,2.35S;0.04-7.6;83W;0.05,114km,n137,
r192/141,mb4.1/12,Peru-Ecuador border region

Table with columns: Code, Station Name, Δ° AZZ°, Phase ID, ISC, h m s, Time, Res. Rows include PKYU Pakayacu, PUYO Puyo, SANGA Volcan Sangay, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like PB09 IPOC Station P, ITTB Itaituba P, PTLB Pontes e Lacer P, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GALA Gala P, GOBA Goba P, SIZA Siyaz P, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA 1.38 250, ZALV Zalesovo Beam 1.38 256, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA 1.07 256, ZALV Zalesovo Beam 1.07 256, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TSTA Tashata P, OHH Osh P, FRG Fergana P, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GALT Green Lake P, MLVF Nonsau P, NIUE Niue P, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TROLL Troll, ANTARI Antari, SNAIA Sanae, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NBIT Itapeh - BA, NBIT Itapeh - BA, NBPN Ponto Novo - B, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NBLA Lagarto - SE, NBLA Guaratinga, BA, GUA01 Guaratinga, BA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA 1.01 261, ZALV Zalesovo Beam 1.01 261, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WEL 31 07:04:05.0, NEIC 31 07:04:05.1, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WSRZ White Island S, WSRZ White Island S, WIZ White Island, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WRRZ Te Kaha, WRRZ Te Kaha, HAZ HAZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

ASRS 31 06:00:53.0, 4.4, 54.19N, 86.44E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

OSUNB 31 06:41:48.7, 0.2, 13.05S, 39.56W, h0km, mR3.5/25, Error ellipse: s-maj=1.1km s-min=1.8km az=0.0

IDC 31 07:00:04.4, 4.4, 0.54, 29N, 87.15E, h0km, mbtmp3.3/2, ML3.1/2, Error ellipse: s-maj=39.4km s-min=20.3km az=66.0

ASRS 31 07:00:07.0, 1.2, 54.11N, 86.50E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

IDC 31 07:04:06.4, 1.7, 36.77S, 176.91E, h0km, mb4.2/5, mbtmp4.1/6, MS3.4/3, Error ellipse: s-maj=42.8km s-min=17.4km az=69.0

IDC 31 07:04:20.0, 1.4, 36.77S, 176.91E, h0km, mb4.2/5, mbtmp4.1/6, MS3.4/3, Error ellipse: s-maj=42.8km s-min=17.4km az=69.0

31d 7h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWGZ Tauwharepara, Puketiti, Waiheke Island, Matawai, Utuhina, Moumakai, Tahuroa Road, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LTZ Lake Taylor, WHZ Wether Hill Ro, DZM Mont Dzumac, MSVF Nonsavu, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like USRK Ussuriysk Ar., FAKI Fak Fak, TIA Tai, BNX BinXian, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZARE, OROT, SRA1, QVQ2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, FITZ, MJAR, MAJO, etc.

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

IDC 31 08:07:58.1±0.7, 10.03N:126.15E, h0km, mb4.0/14, mbtmp4.0/14, MS3.1/13, Error ellipse: s-maj=36.6km s-min=16.3km az=68.0

NEIC 31 08:07:59.6±1.1, 10.00N:107.02W:09E:0.05, h10km, 1km, mb4.5/38, Error ellipse: s-maj=12.5km s-min=6.7km az=150.0

MAN 31 08:08:04.0±0.9, 9.99N:126.15E, h12km, MS3.7, ITC 31 08:08:00.1±1.2, 9.95N:126.15E, h17km, 7km, ITC 31 08:09:103, mb4.4/32, MS2.9/11, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCPH, SCPH, PLO, PLP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBL, KKAR, BVAR, BORK, etc.

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

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like WDK, Douliou City, ZUZH, ZUH, Douliu, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like NBVP, Pedro Velho, NBMO, Morrinhos-CE, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like ML02, Panimavida, VAE, Valguarnera, etc.

ASRS 31 09:55:05.0 1.2, 5.427N, 86.20E, h0km, M2.7(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

IOC 31 09:55:05.6 3.6, 54.34N, 86.34E, h0km, mbmt2.912, ML2.6/2, Error ellipse: s-maj=27.1km s-min=14.0km

zz=64.0, Southwestern Siberia

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like I46RU, ZALESOV, ZALV, Zalesovo Beam, etc.

IOC 31 09:56:01.4 0.6, 0.77N, 29.78W, h0km, mb4.3/17, mbtmp4.3/17, MS3.5/51, Error ellipse: s-maj=23.8km

s-min=12.6km az=145.0

NEIC 31 09:56:03.7 1.2, 0.85N, 0.06:29.87W, h0, 10km, 1km, mb4.8/07, Error ellipse: s-maj=16.4km s-min=6.4km

zz=234.0

GFZ 31 09:56:03.2 0.2, 1.1N, 5.3W, h10km, M4.7/24, mb4.7/24, confirmed

GCMT 31 09:56:06.7 0.3, 0.79N, 0.02:29.74W, 0.01, h30km, 1km, MW4.9/103, Moment Tensor Solution. s25, c30;

s103, c128; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.36±.13; Mw=0.12±.11; Mw0.47±.10; Mw0.03±.14; Mw2.88±.09; Mw0.49±.13; Best double couple:

M2: 9.9300x10^16 Np1.3e-273.00000, d80.00000, lambda=178.00000, NP2: 1.633.00000, d88.00000, lambda=10.00000

Principal axes: T: 3.1090, Plg6.0000, Azm228.0000; N: 0.9400, Plg93.0000, Azm353.0000; P: 2.7890, Plg8.0000; Azm137.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IOC 31 09:56:02.5 0.4, 0.75N, 0.07:29.95W, 0.07, h10km, n212, c129/157, mb4.7/86, MS3.6/51, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like BDFB, Brasilia, BDFB, Brasilia, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like MOA, Molin, MOA, Molin, etc.

31d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRDY Brady, JCT Junction City, ECSD EROS Data Cent, etc.

HEL 31 10:02:49.2±0.6, 72N, 30.76E, h0km, ML2.0, Explosion
KOLA 31 10:02:53.0±0.6, 64.9N, 0.2±30.2E, 0.2, h0km, M2.4(MOS),
The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OBFO Sumiainen, APAA Apattity Array, TOF Tornio, etc.

IDC 31 10:17:17.1±1.1, 9.96N, 126.18E, h0km, mb3.6/5,
mbmp3.6/5, MS3.0/3, Error ellipse: s-maj=73.1km
s-min=23.7km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, PLP Palo, BESP Borongan, etc.

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KURBB Kurchatov Arra 85.34 322 P P 10 46 12.1 -0.7
YBH Yreka Blue Hor 89.12 48 LR LR 11 19 10.4

IDC 31 10:40:31.9±18.0, 27.51N, 53.04E, h0km, mb3.7/4,
mbmp3.7/4, Error ellipse: s-maj=352.3km s-min=45.5km
az=4.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHLI Khalili_Fars, LMDI Lamerdi Arra, JHRM Jahrom, etc.

SSNC 31 10:44:57.0±0.7, 19.79N, 71.23W, h0km, 5km, MD3.2,
ML2.8, Presumed earthquake
OSPL 31 10:44:57.2±2.4, 19.80N, 71.16W, h0km, 13km, ML2.6,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOPP1 Punta Rusia, LOPP1 Punta Rusia, MADR Mao Valverde, etc.

IDC 31 10:17:19.4±1.3, 10.02N, 10.04±126.27E, 0.05, h10km, 9km,
n25, ±1966/33, mb3.5/5, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SC01 Santiago de, SC01 Santiago de, SODR Sosua Marina B, etc.

31d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Mount Surprise, Warramunga Arr, etc.

ICD 31 13:43:25.7-0.9, 34.73N-80.77E, h0km, mb3.5/8, mbmp3.5/12, ML2.9/4, MS3.3/17, Error ellipse: s-maj=25.1km s-min=13.6km az=62.0

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

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

ICD 31 13:56:53.5-2.8, 28.97S-178.16W, h0km, mb3.7/4, mbmp3.7/5, ML3.1/1, Error ellipse: s-maj=64.8km s-min=33.6km az=54.0, Kermadec Islands region

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

ICD 31 14:12:12.2-14.0, 6.36S-128.79E, h312km, 97km, mb3.4/1, mbmp3.7/4, Error ellipse: s-maj=123.9km s-min=64.2km az=149.0, Banda Sea

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

MEX 31 14:13:06.8-1.0, 14.17N-93.50W, h9km, 23km, MD4.0, CGC 31 14:13:08.4-1.2, 14.24N-93.34W, h50km, 118km, MD4.6

ICG 31 14:13:04.9-2.5, 14.26N-97.03W, h0km, 191km, n21, c241/35, Near coast of Chiapas

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

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Table with columns: FTIG, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Fresnillo de T, Warramunga Arr, etc.

MAN 31 14:57:33.0, 4.61N-125.92E, h163km, MS3.2, Talaud Islands

ICD 31 15:15:26.1-0.8, 6.98N-126.45E, h0km, mb3.7/8, mbmp3.7/8, Error ellipse: s-maj=57.6km s-min=16.3km az=73.0

MAN 31 15:15:39.0, 6.95N-126.57E, h103km, MS4.2, ISC 31 15:15:40.0-0.9, 6.92N-126.50E, 0.07, h117km, n2, n5, c112/38, mb3.7/8, Mindanao

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

ICD 31 15:17:27.0-0.5, 15.17N-121.77E, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=64.8km s-min=33.6km az=54.0, Kermadec Islands region

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

KOLA 31 15:16:04.6, 6.67N-133.85E, h0km, ML 1.8, Error ellipse: s-maj=4.1km s-min=1.6km az=140.0, Khibiny, mines

HEL 31 15:16:05.2-1.0, 6.57N-130.30E, h0km, ML1.6, Explosion, Baltic States-Belarus-Northwestern Russia

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

ICD 31 15:18:21.1-2.3, 36.35N-98.07W, h0km, mbmp3.6/3, ML4.2/2, Error ellipse: s-maj=32.5km s-min=12.2km az=104.0

NEIC 31 15:18:24.0-0.3, 36.36N-98.005-98.152W, 0.009, h7km, 5km, Error ellipse: s-maj=1.3km s-min=0.5km az=121.0

NEIC 31 15:18:24.0-0.4, 36.35N-98.005-98.146W, 0.009, h5km, 1km, mb_Lg3.7/15, ML3.8/73, ML3.5/39, Mw3.6/42, Error ellipse: s-maj=2.8km s-min=1.4km az=333.0

NEIC 31 15:18:24.5, 36.363N-98.151W, h5km
ISC 31 15:18:23.7, 1.2, 36.35N, 0.003, 98.14W, 0.003, h15km, 9km,
n87, c097/41, Oklahoma

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists various seismic stations and their associated data.

Y45A Yeager Farm, C 7:47 107 Iamb_Lg 15 22 37.1
735A Kennedy 7.48 178 Iamb_Lg 15 22 29.5
VBMS Vicksburg 7.53 121 Iamb_Lg 15 22 43.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists seismic stations Y45A through R33M.

IDC 31 15:37:02.1, 3.3, 10.93Sx120.60E, h0km, mb3.2/1,
mbtmp3.0/3, ML2.8/2, Error ellipse: s-maj=244.1km
s-min=30.9km az=40.0
DJA 31 15:37:13.0, 0.5, 10°S, 4°x12°3E, h10km, M2.7/6,
MLV2.7/6

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists seismic stations Code through ARQ.

IDC 31 15:45:48.6, 1.4, 2.25S, 138°15E, h0km, mb3.9/9,
mbtmp3.9/10, ML3.5/1, Error ellipse: s-maj=55.9km
s-min=22.8km az=87.0
NEIC 31 15:45:54.5, 1.2, 2.2S, 0.1, 138°20E, 0.04, h37km, 9km,
mb4.5/16, Error ellipse: s-maj=18.3km s-min=5.1km
az=179.0

ISC 31 15:45:52.7, 0.6, 2.25S, 0.08, 138°20E, 0.09, h30km, n33,
c15/31, mb4.1/15, Irian Jaya

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists seismic stations FAKI through R33M.

comp=Z, 10nm, 1.4s
IDC 31 15:57:17.9, 0.8, 27.62N, 53°25E, h0km, mb4.0/2/6,
mbtmp4.0/29, ML3.7/2, MS2.9/4, Error ellipse:
s-maj=19.9km s-min=13.0km az=21.0
MOS 31 15:57:18.3, 1.2, 27.63N, 53°26E, h10km, mb4.3/20, Error
ellipse: s-maj=8.2km s-min=5.9km az=96.7
TEH 31 15:57:20.7, 27.75N, 53.18E, h11km, 17km, ML3.7,
Presumed earthquake

NEIC 31 15:57:21.3, 1.2, 27.78N, 0°04.53'21E, 0.08, h10km, 1km,
mb4.2/18, Error ellipse: s-maj=12.6km s-min=7.0km
az=279.0
OMAN 31 15:57:24.0, 0.1, 27.66N, 53°31E, h10km, mb3.5/6,
m4.0/15, Error ellipse: s-maj=1.8km s-min=1.4km az=11.0
DSN 31 15:57:25.1, 0.7, 27.60N, 53°40E, h10km, ML3.7/13, Error
ellipse: s-maj=8.0km s-min=4.9km az=5.0
ISC 31 15:57:20.8, 0.4, 27.75N, 0.003, 53°23E, 0.05, h10km, n152,
c154/162, mb4.1/44, 4C-1D, Southern Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists seismic stations KHL1 through KKAR.

Table with columns for station call letters, frequency, and signal strength. Includes stations like TIY, SAHE, YHNB, TNTI, BTO2, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like VRH, EDA, PSN, SONM, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like KDU, VARL, LPSR, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like ASAR, Alice Springs, Warramunga Arr, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like FRGS Fruska Gora, HJU Haeju, LTVH Ltvartves, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like BEHE Becsehely, BEHE Becshehy, KLMM Klimovskoe, etc.

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Table with columns: CASP, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like Castiglione de Monobe, JMN, ACRG, BNK, etc.

Table with columns: KHC, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like Kasperke Hory, KHC, PRMA, etc.

Table with columns: CLL, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like comp-Z,88nm,1.2s, CLL, etc.

31d 17h

31d 17h

Table with columns: KLR, KLF, 75.06 37, LR, LR, 18 10 04.3, etc. Lists various stations and their frequencies.

2020 AUG

Table with columns: BCLA, BOPT, Opiter, 77.45 324, dPP, PP, 17 38 54.5 +0.5, etc. Lists various stations and their frequencies.

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Table with columns: MALAGA-Limoner, 80.06 308, P, P, 17 36 14.3 -0.3, etc. Lists various stations and their frequencies.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PVAQ, MCH1, PBRG, PMRV, HLMI, PBDV, ECAL, VNA3, PESTR, DYAD, PBEJ, EDMJ, PCBR, PCVE, FOEL, MTE, MESJ, PARRA, PLOUS, HTL, MOE, PMTG, MORF, PCAB, EKA, PCAS, ESK, WLF1, PGAV.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PGAV, LIS, PTO, PMAFR, KUR, IOMK, TIXI, INVG, DSB, IWEX, CLGH, QSPA, GSPA, IDGL, VVND, SPB2, SPITS, KBS, MA2, MA2, MA2, MA2, BELA, HNR, PMOZ, SEY, SEY, JMJC, SKR, SKR, SKR, PETK, PETK, PET, PET, DAG, BORG, ONTNC, DZM, LPZ, SANVU, BILL, BILL, BILL, GRZ, SNZO, HIZ, TOZ, MXZ, TULEG, ILULI, GAMB, MSVF, IVI, F15K, ANM.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like B22K, C23K, C24K, I17K, FUTU, D24K, J16K, D25K, E23K, C27K, J17K, E24K, COLD, A36M, G23K, E25K, J18K, L16K, D27M, N14K, J20K, G24K, F26K, L18K, E27K, MLY, FYU, G26K, E29K, CAST, F28M, NEA2, KTH, ILAR, ILAR, ILAR, H27K, F30M, N19K, G29M, I27K, O19K, VNFQ, DHY, EPYK, M22K, I28M, GHO, CNBA, I29M, Q19K, KNK, SLKM, H31M, HOM, I30M, O22K, BRLL, L26K, CNPM, J29M, SEW, L27K, BCAR, J30M, GLI, K29M, M27K, P23K, BMRK, L29M, BERG, GOOH, GRNC, O28M, M31M, N31M, COYC, L29M, CPUP, YKA, YKA, YKA, YKA, P32M.

31d 17h

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like 531K Pelican, Q32M Nakina River, R32K Eagle, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like EGMT Eagleton, P53A Whipple, SPMM Martin, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like WVT Waverly, OMBU Quimbeulo, KCPM Cahto Peak, etc.

31d 20h

Table with columns for station name, coordinates, and status. Includes stations like KARP, KARP, KARF, etc.

2020 AUG

Table with columns for station name, coordinates, and status. Includes stations like RGMN, RGMN, RMNI, etc.

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Table with columns for station name, coordinates, and status. Includes stations like MAS3, TISN, LCRUZ, etc.

CATAC 31 20:21:01.5±0.1, 11°N 5°E 87W±, h21km±11km, M3.8/22, MLV3.8/22, 9C-8D, Error ellipse: s-maj=11.3km s-min=5.6km az=25.8, confirmed, Near coast of Nicaragua

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, and Residual. Includes stations like NADN, COPN, MASN, etc.

CATAC 31 20:22:08.5±0.6, 11°N 2°E 87W±, h15km±4km, M3.9/27, MLV3.9/27, 2C-1D, Error ellipse: s-maj=6.8km s-min=3.6km az=6.6, confirmed, Near coast of Nicaragua

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, and Residual. Includes stations like NADN, COPN, MASN, etc.

UCR 31 20:25:09.1±0.3, 10°49'N-87°8'W, h15km, MB4.5(NEIC), Presumed earthquake
IDC 31 20:25:20.6±1.4, 11°40'N-86°8'W, h0km, mb3.8/4, mbmp3.8/6, ML3.6/2, Error ellipse: s-maj=57.4km s-min=16.0km az=38.0

CATAC 31 20:25:21.5±0.4, 11°N 2°E 87W±, h14km, km3, M4.2/55, MLV4.2/55, Error ellipse: s-maj=3.7km s-min=3.2km az=30.3, confirmed
NEIC 31 20:25:21.5±0.4, 11°16'N-07°86'90W, h0.7, h10km±1km, mb4.5/62, Error ellipse: s-maj=14.0km s-min=8.0km az=226.0

ISC 31 20:25:23.7±0.9, 11°04'N-05°86'97W±0.4, h36km±2km, n137, ±1916/15, mb4.4/29, Near coast of Nicaragua

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, and Residual. Includes stations like NADN, COPN, MASN, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like AMTN Mateare, MGAN Managua, APQZ Apoyeque, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like TKL Tuckaleechee C, ALPN Alpine, TMB01 Midkiff, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like USHA Ushuaia, QSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like JTS Las Juntas de, JTS Las Juntas de, MATN Matagalpa, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like WRA Warramunga Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like JTS Las Juntas de, JTS Las Juntas de, MATN Matagalpa, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like ABA Alger-Bouzarea, ABMS Bourmes, ABKD Sid Amar, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like JTS Las Juntas de, JTS Las Juntas de, MATN Matagalpa, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like NEIC 31 20:28:08.9, NEIC 31 20:28:09.2, NEIC 31 20:28:09.0, etc.

Table with columns: Code, Name, RA, Dec, P, S, Az, El, SNR, etc. Includes entries like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

31d 20h

Table with columns: SNAAC, LR, LR, 20 55 47.3, comp=E,7,um,20.7s,baz=252,slow=34, comp=E,1.4nm,0.3s

2020 AUG

Table with columns: MTO3, Iamb, Iamb, 20 40 23.6, MWH Mokuaweoweo 77.32 335 P P 20 40 02.2 -3.3

1772

Table with columns: PDAR Pinedale Array 98.97 15 P Pdf 20 41 52.2 +1.5, PDAR comp=Z,0.4nm,0.3s,baz=342,slow=42,SNR=1.8

Table with columns: Station Name, Time, Res, and various codes. Includes stations like G24K Hadweznick Riv, F31M Tsightehoch, G23K Bananza Creek, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CLL, BRG, MKAR, NB2, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like TEZP, ZIRO, SHL, etc.

BER 31 20:29:33.5-0.6, 71.04N x 7.43W, h3km, 191km, ML2.8, 4D, Confirmed Earthquake, Jan Mayen Island region

IDC 31 20:53:49.9-1.3, 9.17S:158.66E, h0km, mb3.5/3, mbtm3.5/3, MS4.1/3, Error ellipse: s-maj=37.4km

Region: Bougainville-Solomon Islands region. Includes station codes like HNR, WRA, ASAR, H11S3, etc.

IDC 31 20:58:05.1-52.0, 18.17S:179.14W, h0km, mb3.9/3, mbtm3.9/3, Error ellipse: s-maj=95.3km

Region: Fiji Islands region. Includes station codes like STKA, WRA, ASAR, BUI, BGR, etc.

Region: Various stations including CHTO, ODAN, CM31, CMAR, RAMN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OBNS, MMAL, BZK, CY604, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RNP9P, BIZ, COVR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VRAC, DPC, DPC, etc.

31d 21h

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Time, and other parameters. Includes stations like NKC, KBA, KBA, KBA, etc.

2020 AUG

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Time, and other parameters. Includes stations like SUMG, BMAR, TULEG, etc.

1776

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Time, and other parameters. Includes stations like TRIS, H09W1, SHEL, etc.

31d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sonseca Array, MTE, PVIS, PTO, etc.

2020 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like WTTA, WUBR, WATA, OBKA, etc.

1778

Table with columns for station name, frequency, power, and other technical details. Includes stations like DWPF, MODS, VOIR, FOEL, etc.

31d 21h

Table of astronomical data for 31 days and 21 hours, listing objects like QIS, NVAR, NVAR, etc., with their coordinates and magnitudes.

2020 AUG

Table of astronomical data for August 2020, listing objects like Q32M, WRAK, U33K, etc., with their coordinates and magnitudes.

1780

Table of astronomical data for 1780, listing objects like H17K, G16K, K17K, etc., with their coordinates and magnitudes.

ICD 31 21:32:50.1+1.2, 31:29'N, 141:69'E, h0km, mb3.8/7, mbmp3.7/9, ML2/9.2, Error ellipse: s-maj=46.1km s-min=15.1km az=66.0. JMA 31 21:32:53.0, 0.6, 31'N, 2.142E, h59km, MV3.8/17, AAS TOI CHIMAJA IS. ISC 31 21:32:55.7, 1.1, 31:53'N, 0:08:14.16E, h140km, n15, c=204/18, mb3.8/7, Southeast of Honshu. Code Station Name Az Phase ID Time Res

GFZ 31 21:39:24.0, 6.12°N; 9°4'4E, h10km, M4.4/19, mb4.4/19, confirmed
OMAN 31 21:39:30.9, 1.4, 12.28°N; 44.09°E, h10km, mb4.0/22, ms3.9/3, Error ellipse: s-maj=32.0km s-min=16.7km az=122.0

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time Res, h m s, ISC, Res. Includes stations like ATD Arta Tunnel, FURI Furi, WYHO Wadi Hawf, etc.

Table with columns: AK10, AK09, KIEV, etc. Includes stations like Malin Array Si, Malin Array Be, Malin Array Si, etc.

Table with columns: RTZ, AFI, AFI, etc. Includes stations like Ruatathuna, Afiamalu, Afiamalu, etc.

NEIC 31 21:42:56.4, 2.1, 25.85°S; 0.09°W; 178.6°W; 0.1, h340km, 6.6km, mb3.9/24, Error ellipse: s-maj=19.0km s-min=12.7km az=95.0

IDC 31 21:43:00.5, 1.7, 25.81°S; 1.78°W; 178.92°W, h377km, 16km, mb3.8/10, mbmp4.6/13, Error ellipse: s-maj=14.6km s-min=13.2km az=112.0

NOU 31 21:43:05.2, 25.26°S; 178.67°W, h449km, mb4.5/13, South of Fiji Islands

ISC 31 21:43:01.3, 0.4, 25.88°S; 0.04°W; 178.68°W, 0.06, h400km, n104, e208/122, mb4.3/23, 3C-1D, South of Fiji Islands

CMAR Chiang Mai Arr 91.33 290 P P 21 55 25.2 +2.0

HHC Hu-ho-hao-te 92.66 315 eP P 21 55 31.5 +2.6

HHC comp=Z, 7.0nm, 0.4s pmax pmax

CMAR Chiang Mai Arr 91.33 290 P P 21 55 25.2 +2.0

HHC comp=Z, 7.0nm, 0.4s pmax pmax

CMAR Chiang Mai Arr 91.33 290 P P 21 55 25.2 +2.0

HHC comp=Z, 7.0nm, 0.4s pmax pmax

CMAR Chiang Mai Arr 91.33 290 P P 21 55 25.2 +2.0

HHC comp=Z, 7.0nm, 0.4s pmax pmax

CMAR Chiang Mai Arr 91.33 290 P P 21 55 25.2 +2.0

BMAR	Burnt Mountain	152.39 314		PKIKP	23 36 08.3 +1.3
DHY	Denali Highway	152.44 304	PKPbc	PKIKP	23 36 08.2 +0.8
C27K	Jago River	152.45 318	PKPbc	PKIKP	23 36 08.6 +1.6
FYU	Fort Yukon	152.46 312	PKPbc	PKIKP	23 36 08.3 +1.2
SML	Sawmill	152.46 301	PKPbc	PKIKP	23 36 08.2 +0.9
HDA	Harding Lake	152.64 307	PKPbc	PKIKP	23 36 08.5 +1.0
IL31		152.71 307		PKIKP	23 36 08.2 +0.7
ILAR	Eielson Array	152.71 307	PKPbc	PKIKP	23 36 07.9 +0.3
comp=Z,1.6nm,0.8s,baz=148,slow=2.7,SNR=99					
ILAR	Eielson Array	152.71 307		PKIKP	23 36 08.2 +0.6
F25K	Christian Rive	152.82 314	PKPbc	PKIKP	23 36 09.5 +1.6
RC01	Rabbit Creek A	152.86 299	PKPbc	PKIKP	23 36 09.1 +1.1
SLKM	Skilak Lake	152.88 298	PKPbc	PKIKP	23 36 08.8 +0.6
E25K	Arctic Village	152.89 315	PKPbc	PKIKP	23 36 09.0 +1.1
BRLK	Bradley Lake	152.92 296	PKPbc	PKIKP	23 36 09.1 +0.8
KDAK	Kodiak Island	152.96 291	PKPbc	PKIKP	23 36 08.9 +0.6
CNPM	China Pool	153.00 295	PKPbc	PKIKP	23 36 08.9 +0.5
CCB	Clear Creek Bu	153.06 307	PKPbc	PKIKP	23 36 08.7 +0.4
OHAK	Old Harbor	153.07 289	PKPbc	PKIKP	23 36 08.7 +0.1
WRH	Wood River Hil	153.13 307	PKPbc	PKIKP	23 36 09.1 +0.6
RND	Reindeer	153.18 304	PKPbc	PKIKP	23 36 10.0 +1.3
MCK	McKinley	153.30 305	PKPbc	PKIKP	23 36 09.8 +0.9
D25K	Kavik River	153.34 317	PKPbc	PKIKP	23 36 09.7 +0.8
H24K	Noodor Dome	153.36 310		PKIKP	23 36 09.9 +0.9
G24K	Hadweenzic Riv	153.37 312	PKPbc	PKIKP	23 36 10.4 +1.4
NEA2	Nenana	153.57 307	PKPbc	PKIKP	23 36 09.8 +0.3
BWN	Browne	153.64 306	PKPbc	PKIKP	23 36 10.4 +0.9
F24K	Squaw Lake	153.66 313		PKIKP	23 36 11.1 +1.5
TRF	Thorofare Moun	153.81 304	PKPbc	PKIKP	23 36 10.9 +0.7
I23K	Minto, Yukon-K	153.82 308	PKPbc	PKIKP	23 36 10.6 +0.8
Q19K	Cape Douglas,	153.93 293	PKPbc	PKIKP	23 36 10.7 +0.3
SKT	Skwentna	153.96 300	PKPbc	PKIKP	23 36 11.1 +0.8
E24K	Your Creek	153.97 314	PKPbc	PKIKP	23 36 11.9 +1.7
H23K	Yukon River	154.03 299	PKPbc	PKIKP	23 36 11.4 +1.2
ILSW	Iliamna Southw	154.07 295	PKPbc	PKIKP	23 36 11.3 +0.5
KTH	Kantishna Hill	154.12 304		PKIKP	23 36 11.2 +0.5
D24K	Happy Valley	154.19 317	PKPbc	PKIKP	23 36 11.9 +1.4
MLY	Manley	154.37 307	PKPbc	PKIKP	23 36 12.7 +1.6
C23K	Bananza Creek	154.37 311		PKIKP	23 36 12.6 +1.5
E23K	Chandalar	154.38 314	PKPbc	PKIKP	23 36 12.2 +1.4
PPLA	Purkeypile	154.50 302	PKPbc	PKIKP	23 36 12.9 +1.3
COLD	Coldfoot	154.51 312	PKPbc	PKIKP	23 36 13.2 +1.9
CAST	Castle Rocks	154.59 303	PKPbc	PKIKP	23 36 12.4 +0.8
M20K	Styx River	154.66 299	PKPbc	PKIKP	23 36 12.6 +0.8
H22K	Ishaitina Cre	154.78 309	PKPbc	PKIKP	23 36 13.2 +1.3
C23K	Ikilik River	154.86 318	PKPbc	PKIKP	23 36 13.5 +1.6
N19K	Bonanza Creek	154.97 297	PKPbc	PKIKP	23 36 12.5 0.0
H21K	Melozitna Rive	155.33 308	PKPbc	PKPbf	23 36 12.7 +8.7
K20K	Telida	155.44 303	PKPbc	PKPbf	23 36 13.4 +9.2
HILR	Hailar Array B	157.66 99	PKPab	PKPab	23 36 41.0 +1.0
comp=Z,1.7nm,0.6s,baz=219,slow=1.4,SNR=7.1					

FUNV 31 23:33:57.4,5.07N:72:85W,h6km,MW3.2,Presumed earthquake

RSNC 31 23:34:01.9:0.0,5.1N:72:33W,h0km,2km,M2.8,mb3.3,ML2.4

ISC 31 23:33:58.8-1.5,5.21N:0:03:72.72W:0:06,h18km,4km,n27,ci943/52,Colombia

Code	Station Name	Δ° AZ	Phase ID	Time	Res
			Op	h m s	ISC
RUSC	La Rusia	0.77 332	P	Pn	23 34 15.2 +0.1
RUSC			S	Sn	23 34 25.5 -1.0
RUSC	La Rusia	0.77 332	eP	Pn	23 34 15.1 -0.1
RUSC			eP	Sn	23 34 26.2 -0.2
CHIC	Chingaza	1.16 240	P	Pn	23 34 19.3 -1.1
CHIC			S	Sb	23 34 32.7 -2.7
SPBC	San Pablo de B	1.41 288	P	Pn	23 34 22.7 -1.0
SPBC			S	Sn	23 34 40.0 -1.9
BARC	Barichara	1.45 342	P	Pg	23 34 26.9 +0.1
BARC			S	Sg	23 34 46.0 +0.3
VILC	Villavicencio,	1.46 222	P	Pn	23 34 24.5 +0.2
VILC			S	Sb	23 34 44.3 +0.6
CVER	Cruz Verde, Cu	1.51 243	P	Pb	23 34 26.6 +0.1
CVER			S	Sb	23 34 45.3 -0.2
BRJC	Barrancabermej	2.03 330	P	Pb	23 34 36.7 +1.0
BRJC			S	Sb	23 35 01.4 +1.5
PAMC	Pamplona, Colo	2.12 1	P	Pg	23 34 38.8 -0.7
PAMC			S	Sg	23 35 07.9 +0.8
NORC	Norcasia	2.17 279	P	Pn	23 34 34.6 +0.6
NORC			S	Sn	23 35 00.6 +0.2
PTBC	PUERTO BERRIO,	2.17 308	P	Pn	23 34 34.7 +0.7
PTBC			S	Sb	23 35 02.7 -1.5
URMC	La Uribe, Meta	2.56 220	P	Pn	23 34 40.1 +0.7
URMC			S	Sn	23 35 11.7 +1.6
PRAC	Prado	2.62 236	P	Pn	23 34 41.0 +0.8
PRAC			S	Sn	23 35 12.4 +0.8
GUY2C	Guyana, Caldas	2.63 270	P	Pn	23 34 41.2 +0.4
GUY2C			S	Sn	23 35 13.6 +1.1
ORTC	Ortega, Tolima	2.83 243	P	Pn	23 34 42.8 -0.3
ORTC			S	Sb	23 35 21.9 -1.2
HELC	Santa Helena	2.96 289	P	Pn	23 34 45.4 +0.2
HELC			S	Sn	23 35 22.2 +1.8
HELC	Santa Helena	2.96 289	eP	Pn	23 34 43.6 -1.5
HELC			eS	Sn	23 35 18.9 -1.5
OCAC	Ocana	3.07 349	P	Pb	23 34 51.5 -1.4
OCAC			S	Sb	23 35 33.3 +3.2
MACC	Macarena, Meta	3.24 200	P	Pn	23 34 49.3 +0.5
MACC			S	Sb	23 35 36.7 +1.6
UREC	San Jos de Ur	3.77 312	P	Pn	23 34 57.9 +1.8
UREC			S	Sn	23 35 39.5 -0.4
GARC	Garzon, Huila	4.08 223	P	Pn	23 35 00.5 0.0
GARC			S	Sb	23 36 02.1 +2.7
POPC	Popayan, Colom	4.75 236	P	Pn	23 35 10.4 +0.7
SJCC	San Jacinto, C	5.25 333	P	Pn	23 35 18.3 +1.8
5.6nm,2.6s					
SJCC			S	Sn	23 36 19.0 +2.3
5.6nm,2.6s					
SJCC			AML	AML	
SJCC	San Jacinto, C	5.25 333	eP	Pn	23 35 15.4 -1.1
SJCC			eS	Sn	23 36 13.4 -3.3
URIC	Uribia, Colomb	6.49 6	P	Pn	23 35 33.9 +0.5
TURV	Turiamo	7.11 43	eP	Pn	23 35 42.4 +0.5
TURV			eS	Sn	23 37 00.5 -1.7
TACV	Tcata	7.47 49	eP	Pn	23 35 46.6 -0.3
TACV			eS	Sn	23 37 08.1 -3.3

ISC Computed Locations for August 2020

