

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 PKP 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 PKPbc PKIKP 19 04 22.7 -1.0
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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Epical Estimation

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.

SFS 01 00:02:04.2,36:23N:7.93W,h27km,ML2.6/4,ML2.7/4,MLV2.7/4

MDD 01 00:02:05.4:1.0,36:39N:7.74W,h18km,5km,mb_Lg2.2/5, Error ellipse: s-maj=7.9km s-min=3.9km az=18.0

INMG 01 00:02:07.3:1.0,36:42N:7.79W,h21km,4km,ML1.0, Error ellipse: s-maj=5.9km s-min=4.2km az=39.0

#DIST_RANGE: LOCAL #PMA_REGION: Golfo de Cadiz ISC 01 00:02:05.3:3.2,36:4N:0.1:7.68W:0.07,h33km,4km,n20, c#67/33,1D, Strait of Gibraltar

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes entries for Blossom Villag, LCCY, and other stations.

NEIC 01 00:09:19.3:2.5,51.2N:0.1:178.13E:0.08,h35km,2km,mb4.0/106,ML3.8/12,ML3.6(AEIC), Error ellipse: s-maj=19.8km s-min=8.5km az=179.0

AEIC 01 00:09:21.9:3.0,51.1N:0.2:178.3E:0.1,h2km,6km, Error ellipse: s-maj=25.9km s-min=9.7km az=173.0

ISC 01 00:09:20.4:1.5,51.3N:0.2:178.16E:0.04,h55km,10km, n162, c#83/166,mb4.0/45, Rat Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes entries for Gareloi-Kavalg, Gareloi Southw, Gareloi North, etc.

SSNC 01 00:02:13.9:1.3,18:42N:76:69W,h13km,7km,MD3.2, ML2.7 Presumed earthquake

JSN 01 00:02:14.0:0.5,18:39N:76:61W,h13km,18km,MD2.9, Confirmed Earthquake

ISC 01 00:02:11.4:1.1,18:50N:0.04:76.65W:0.04,h13km,11km, n21, c#98/42,2C-7D, Jamaica region

Large table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes entries for Greenwich, Stony Hill, Hope, etc.

Large table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes entries for Thorefare Moun, Kuna River, Port Wells, etc.

1d 1h

Table with station codes (TXAR, FINES, AKASG, BRTR) and parameters like Azimuth, Elevation, and Signal-to-Noise Ratio (SNR).

IDC 01 00:09:41.0-4.6, 1.93S:139.42E, h0km, mb3.6/3, mbmp=3.7/4, ML4.2/1, Error ellipse: s-maj=199.4km

Main station data table for 1d 1h period, listing stations like Sarmi, Genyem, Jayapura, Warramunga Arr, and others with their respective parameters.

VAO 01 00:22:37.3-0.8, 24.20S:67.30W, h176km, mb4.2, Presumed earthquake

SJA 01 00:22:39.7-0.7, 24.21S:67.18W, h188km, mb4.1, MW3.9

NEIC 01 00:22:39.2-0.3, 24.25S:0.066707W, h164km, mb4.2, mba, 2/24, ML4.3(GUC), Error ellipse: s-maj=11.3km

IDC 01 00:22:39.1-0.9, 24.19S:66.95W, h171km, mb3.5/7, mbmp=4.0/13, Error ellipse: s-maj=21.2km s-min=14.2km

GUC 01 00:22:40.0-0.5, 24.21S:67.23W, h188km, mb4.3, Presumed earthquake

GFZ 01 00:22:40.4-0.2, 24.22S:67.7W, h178km, MB4.2/10, mb4.2/10, confirmed

ISC 01 00:22:39.8-0.6, 24.20S:0.003:67.22W:0.03, h183km, mb4.3, n206, 0157/241, mb4.1/17, 10C-2D, Chile-Argentina border region

Main station data table for 1d 1h period, listing stations like SALTA, San Pedro de A, SLA, Cafayete, YFA, YJA, YVI, IPOC Station P, etc.

2020 DEC

Main station data table for 2020 DEC period, listing stations like PBO7, IPOC Station P, AC01, etc.

Main station data table for 2020 DEC period, listing stations like PARB, BDFB, BDFB, PMNB, etc.

DJA 01 00:50:40.7-1.2, 2.7N:7.12E, h14km, M3.8/5, ML3.8/4, MLV3.9/5, MLV3.9/5, Ceblees Sea

Main station data table for 2020 DEC period, listing stations like AC04, LCO, GTOI, etc.

2020 DEC

1d 5h

Table listing astronomical observations with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Res. Includes entries like DHRM DHARAMSHALA, HNLY HANLEY, and various stations in Colombia and the Caribbean.

Table listing astronomical observations from various stations in Central and South America, including entries like NIZA, PTBC PUERTO BERRIO, and stations in Panama, Costa Rica, and Ecuador.

Table listing astronomical observations from stations in North and Central America, including entries like PV15, EPL0 Experimental L, and stations in the US, Mexico, and Central America.

RSNC 01 04:20:30.5-0.7 N 2:2x7 W:1.1, h47km16km, M4.0, mB5.1, mB4.6, ML3.4, Mw(m)B4.4

CATAC 01 04:20:31.6-0.8, 7 N 3:7 W:1.1, h15km15km, M4.3/10, mB4.6/4, mB5.7/1, MLV4.2/10, Mw(m)B5.2/1, Error ellipse: s-maj=6.2km s-min=3.0km az=27.7, confirmed

UPA 01 04:20:32.3-2.4, 6.92N:77.47W, h0km85km, MW3.6, Presumed earthquake

NEIC 01 04:20:34.8-1.9, 6.95N:0.06:76.91W:0.07, h51km7km, mB4.4/0, Error ellipse: s-maj=10.0km s-min=7.9km az=64.0

IDC 01 04:20:35.4-2.1, 6.97N:77.13W, h60km22km, mB3.6/8, mbmp4.0/12, ML3.3/4, MS3.1/2, Error ellipse: s-maj=26.9km s-min=16.0km az=43.0

ISC 01 04:20:33.5-0.8, 6.97N:0.02:77.16W:0.03, h43km9km, n141, s159/179, mB4.4/20, 1C, Near west coast of Colombia

ASRS 01 04:59:36.0: 1.8, 55:69N:84.05E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 01 04:59:41.4: 2.0, 55:55N:83.78E, h0km, mbmp3.2/3, ML2.4/3, Error ellipse: s-maj=21.2km s-min=16.2km az=20.0, Southwestern Siberia

Table listing seismic events with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Res. Includes entries like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, and KURBB Kurchatov Arra.

ASRS 01 05:29:40.0: 1.6, 54:27N:86.70E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 01 05:29:45.6: 3.0, 54:25N:86.54E, h0km, mbmp2.9/2, ML2.0/2, Error ellipse: s-maj=23.0km s-min=13.9km az=55.0, Southwestern Siberia

Table listing seismic events with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Res. Includes entries like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, and KURBB Kurchatov Arra.

NEIC 01 05:38:53.1: 1.5, 28:51N:0.05:100:37W:0.04, h5km22km, mb Lg2.9/46, Error ellipse: s-maj=9.0km s-min=5.6km az=185.0

TXNET 01 05:39:54.9, 28 N 2:10 W:1.1, h1km2km ML3.2/7, Error ellipse: s-maj=3.2km s-min=2.0km az=176.2, final

ISC 01 05:38:54.1: 1.2, 28:50N:0.03:100:33W:0.02, h7km110km, n63, c084/81, Texas-Mexico border region

Table listing seismic events with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Res. Includes entries like 833A Chaparral WMA, 833A Chaparral WMA, and 833A Hondo.

Table with columns: Code, Station Name, Az, El, P, S, M, R, Time, Res. Includes stations like Christine, Calliham, Coughran, Floresville, etc.

Table with columns: Code, Station Name, Az, El, P, S, M, R, Time, Res. Includes stations like IPOC Station P, IPOC Station S, IPOC Station I, etc.

Table with columns: Code, Station Name, Az, El, P, S, M, R, Time, Res. Includes stations like Visviri, Pan de Azucar, AC01, etc.

Table with columns: Code, Station Name, Az, El, P, S, M, R, Time, Res. Includes stations like URZ Urewera, URZ Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, M, R, Time, Res. Includes stations like IPOC Station P, IPOC Station S, IPOC Station I, etc.

Table with columns: Code, Station Name, Az, El, P, S, M, R, Time, Res. Includes stations like RCBR Riachuelo, SABA Saba, CRPR Cabo Rojo, etc.

1d 6h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SNAA Sanae, HHAR Hobbs, DEOK Dewep, WMOK Wichita Mounta, etc.

2020 DEC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like STYH Jiali, SCLT SCLT, SSHA Shanhuia, etc.

IDC 01 06:16:07.4+3.1, 6.36S; 147.32E, h72km, 28km, mb3.7/8, mltmp4.1, 12, MS3, 2/4, Error ellipse: s-maj=35.3km

NEIC 01 06:16:08.8+0.9, 6.32S; 0.08, 147.2E, 0.1, h82km, 5km, mb4.2/17, Error ellipse: s-maj=20.8km s-min=11.4km

ISC 01 06:16:05.3+0.8, 6.25S; 0.06, 147.2E, 0.1, h50km, n39, 0.18/40, mb4.2/13, Eastern New Guinea region

RSNC 01 06:45:21.5±0.0, 8°N, 4°7'30"W, h144km, 8km, M2.6, mb3.2, ML2.2

FUNV 01 06:45:22.5, 8.35N; 73.15W, h145km, MW3.5, Presumed earthquake

ISC 01 06:45:20.3±1.4, 8.33N; 0.03; 73.10W; 0.04, h154km, 11km, n31, c1946/59, Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like WDL Douliou City, WDL Douliou, WDL Douliou, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like OCAC Ocana, OCAC Ocana, CAPV Capacho, etc.

1d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AOPR Arcibo Observ, CELP Cerrillos, and others.

IDC 01 08:58:00.027.0, 19:40N:145:39E, h351km, 259km, mb3.0/6, mbmp2.3/7.6, Error ellipse: s-maj=218.2km s-min=22.8km az=76, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, SONMI Songino Array, and others.

SDD 01 09:06:11.4-1.5, 18:07N:71:51W, h13km, 7km, MD2.6, ML2.5, MW2.8, Presumed earthquake

OSPL 01 09:06:13.1-0.8, 18:23N:71:43W, h5km, 4km, ML2.5, Presumed earthquake

ISC 01 09:06:10.3-1.1, 18:13N:0:05:71.48W, 0:04, h12km, 6km, n12, -0:19/20, 10C-1D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PODR Polo, LOBH Bahía de las A, and others.

NNC 01 09:07:47.9-1.8, 44:13N:83:45E, h0km, mb3.4, mpv3.4, Error ellipse: s-maj=14.6km s-min=5.7km az=124.0

SOME 01 09:07:47.4, 44:15N:83:48E, h20km

ISC 01 09:07:48.3-2.5, 44:0N:0:1:83.7E, 0:1, h20km, n10, -0:142/13, 3C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DJR Jarkent, MK31 Makanchi Array, and others.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAKZ Makanchi, SHLS Shalkode, and others.

ASRS 01 09:10:02.0-1.5, 54:25N:87:10E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 01 09:10:04.5-4.1, 54:29N:87:03E, h0km, mbmp2.9/3, ML2.3/2, Error ellipse: s-maj=41.0km s-min=19.0km az=69.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesovo Beam, and others.

KRNET 01 09:12:37.9-0.1, 40:83N:69:74E, h17km, mb2.4

SOME 01 09:12:37.5, 40:78N:69:05E, h5km

NNC 01 09:12:38.3-4.1, 40:65N:69:60E, h0km, mb2.9, mpv3.1, Error ellipse: s-maj=28.1km s-min=25.1km az=34.0, Suspected Mining explosion.

ISU 01 09:12:41.1, 40:77N:70:36E, h4km

ISC 01 09:12:39.7-1.3, 40:81N:0:04:69.78E, 0:07, h0km, n14, -0:151/26, 9C-8D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVKS Tavaksay, BTK Batken, and others.

AFAD 01 09:28:52.8, 37:82N:26:80E, h6km, 2km, ML2.3

THE 01 09:28:53.2, 37:8N:1:0:26:9E, 0:7, h9km, 2km, M2.6/8, MLh2.6/8

ISK 01 09:28:53.2, 37:86N:26:86E, h4km, ML2.8/22

ISC 01 09:28:53.2-1.0, 37:82N:0:02:26.83E, 0:03, h10km, 8km, n34, -0:05/40, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMG Samos, GMLD Gumuldur, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AYDN comp=N, 138nm, 0.4s, BODT Bodrum, and others.

PRU 01 09:34:00.7, 44:24N:10:60E, h10km

LDG 01 09:34:48.7, 0.1, 44:30N:10:08E, h15km, M2.7/14, Error ellipse: s-maj=2.3km s-min=1.5km az=29.0

GEN 01 09:34:48.6, 44:35N:10:19E, h17km, M2.5

ROM 01 09:34:49.1-0.1, 44:33N:0:00:6-10:148E, 0:006, h15km, 1km, ML2.6/33, 3C-1D, Error ellipse: s-maj=0.7km s-min=0.3km az=27.0, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FIVI Fivizzano, GRAM Graiana, and others.

DJA 01 14:09:55.3-0.4, 3°N, 4°12'38"E, h198km, 3km, M4.6/55, ML5.1/27, MB5.1/21, mb4.9/55, mb4.9/54, MLv5.1/12, MBv5.2/12, Mw(mb)4.4/27, Mw(mb)4.4/21

ISC 01 14:09:51.9-0.3, 2.69N, 0.104W, 128.50E, 0.105, h227km, n207, r146/218, mb4.5/62, 1, Calmahera

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

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

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

ISC 01 14:23:36.9-1.8, 18°18'S x 178°39'W, h559km, 21km, mb3.2/7, mb(m)4.1/8, Error ellipse: s-maj=30.1km s-min=17.5km

NEIC 01 14:23:36.8-0.7, 18°23'S-0.1, 178°38'W-0.1, h560km, 9km, mb4.3/23, Error ellipse: s-maj=19.8km s-min=14.8km

ISC 01 14:23:37.0-0.5, 18°17'S-0.1, 178°40'W-0.1, h579km, n42, r111/422, mb4.1/21, 1D, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like QSPA, SSSL, Suanglung, PETK, NVAR, etc.

IDC 01 14:52:34.34.9.34.38N:136.48E, h317km, 124km, mb2.9/3, mbmp3.5/4, Error ellipse: s-maj=248.4km s-min=28.1km az=59.0

JMA 01 14:52:35.2.0.1.35°N:1°13'7"E, h345km, MV2.4/31, ISE BAY REGION

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

IDC 01 15:44:12.8.1.0.33°59'N:88°24'E, h0km, mb3.8/7, mbmp3.7/11, ML3.4/2, MS3.0/4, Error ellipse: s-maj=41.5km s-min=16.0km az=61.0

NEIC 01 15:44:15.3.0.6.33°70'N:0°09'88.4"E:0.1, h10km, 1km, mb4.0/15, Error ellipse: s-maj=22.3km s-min=13.5km az=245.0

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

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

DJA 01 15:57:13.6.0.9.2°N:6°12'7"E, h80km, 16km, M3.3/5, ML3.1/4, MLV3.2/4, MLV3.3/5, Northern Molucca Sea

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

NEIC 01 15:57:20.4.1.1.0°33'N:0°21'9"W:0.1, h10km, 1km, mb4.4/7, Error ellipse: s-maj=40.3km s-min=6.1km az=149.0

IDC 01 15:57:20.9.1.0.0°86'N:18°13'W, h0km, mb3.9/7, mbmp4.0/9, ML4.5/2, MS3.4/5, Error ellipse: s-maj=39.6km s-min=20.6km az=146.0

ISC 01 15:57:20.8.0.7.0.6°N:0°2'18.0"W:0.1, h10km, n27, r156°19, mb4.1/7, MS3.3/4, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H10N2, H10N3, H10N1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SATY, TNS5, TNS6, etc.

BUI 01 16:22:39.9.52°88'N:168°21'W, h40km, mb6.2/70, mb6.1/82, MS6.5/99, MS7.6/496
GFZ 01 16:22:38.6.52°94'N:168°47'W, h32km, Mw6.3/27, Moment Tensor Solution. Moment Tensor: Scale 10^18Nm; Mm2.69; Mm0-1.89; Mm0-0.80; Mm1.47; Mm0-1.72; Mm2.220; Fault plane solution: M63.96007x10^18 NP1:phi=39.68667, lambda=66.67410, lambda=76.99064. NP2:phi=249.94993, lambda=82.53026, lambda=117.56682. Principal axes: T:3.8219, P:6.635, N:1.8219, Azm286.76977, N:0.2632, P:11.92977, Azm44.91377; P:4.0851, P:1620.6502; Azm139.48077.
NEIC 01 16:22:39.9.1.5.52°76'N:0°04'168°24'W:0.04, h23km, 1km, mb6.0/94, ML6.1/22, MS: M6.2/25, MS6.6/2267, Mw6.6/150, Error ellipse: s-maj=6.6km s-min=4.0km az=330.0, Moment Tensor Solution. Moment Tensor: Scale 10^18Nm; Mm1.81; Mm0-1.13; Mm0-0.67; Mm0.86; Mm0-0.64; Mm1.04; Fault plane solution: M2.18000x10^18 NP1:phi=45.93000, lambda=64.31000, lambda=83.26000. NP2: phi=241.18000, lambda=82.50000, lambda=103.71000. Principal axes: T:2.2973, P:17.0000, Azm302.0000; N:-0.2585, P:6.0000, Azm49.0000; P:-2.0389, P:19.0000, Azm141.0000.
MAN 01 16:22:39.9.52°76'N:168°24'W, h23km, 1km, mb6.0/94, ML6.1/22, MS: M6.2/25, MS6.6/2267, Mw6.6/150, Error ellipse: s-maj=6.6km s-min=4.0km az=330.0, Moment Tensor Solution. Moment Tensor: Scale 10^18Nm; Mm1.81; Mm0-1.13; Mm0-0.67; Mm0.86; Mm0-0.64; Mm1.04; Fault plane solution: M2.18000x10^18 NP1:phi=45.93000, lambda=64.31000, lambda=83.26000. NP2: phi=241.18000, lambda=82.50000, lambda=103.71000. Principal axes: T:2.2973, P:17.0000, Azm302.0000; N:-0.2585, P:6.0000, Azm49.0000; P:-2.0389, P:19.0000, Azm141.0000.
MOS 01 16:22:39.9.52°83'N:168°39'W, h18km, mb5.9/83, MS6.2/38, Error ellipse: s-maj=6.4km s-min=3.8km az=100.1
ISC-PP 01 16:22:39.9.52°76'N:168°24'W, h37km, Mwpsm6.9, Moment Tensor Solution. s62 Moment Tensor: Scale 10^18Nm; Mm0.05; Mm1.15; Mm0.47; Mm0-0.63; Mm0.07; Mm1.17; Mm0.14; Mm1-0.41; Mm1.13; Fault plane solution: M2.51000x10^18 NP1:phi=243.60000, lambda=84.80000, lambda=189.20000. NP2: phi=152.80000, lambda=80.90000, lambda=5.30000.
GFZ 01 16:22:39.1.0.1.53°N:3°16'W:0.1, h10km, M6.1/41, mb5.9/44.
AEIC 01 16:22:40.6.52°70'N:0°05'168°07'W:0.08, h25km, 3km, Error ellipse: s-maj=8.2km s-min=5.7km az=125.0
IDC 01 16:22:40.1.1.6.52°93'N:168°39'W, h25km, 9km, mb5.4/36, mbmp5.5/39, ML5.2/3, MS6.9/96, Error ellipse: s-maj=13.6km s-min=9.0km az=175.0
BGR 01 16:22:40.6.52°89'N:165°48'W, h33km, mb5.7, Ms5.9
PTWC 01 16:22:40.52°70'N:168°10'W, h10km, Mw6.6/45
NEIC 01 16:22:40.52°78'N:168°30'W, h23km
NEIC 01 16:22:41.7.52°87'N:168°22'W, h33km

1d 16h

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like KPKS, TEIG, KMY, CADP, UZB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAV, AKTO, VAH, MARP2, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EKA, ESK, DZA, WAMI, etc.

1d 16h

2020 DEC

Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like TBI, YATNC, PRA, PRA, STEB, KWP, etc.

Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like ERBR, PICV, KECS, KECS, KECS, etc.

Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like WTTA, DRGR, DRGR, CJR, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SULR, SSB, FRGS, GAINJ, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PBRG Braganca, PGB Panaguriyhte, BRY Bratogov, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like IPM Iloh, ABD La Joyeuse, DSHZ Broadband at M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for LDASE Londrina, NBIT Itapeva, PTGB Pitanga, etc.

Table with columns: MSW, MNAT, UNALASKA VALLE, etc. Includes entries for MSW Makushin Swite, MNAT Makushin Natee, UNALASKA VALLE, etc.

THE 01 16:31:49.9, 38°N, 4°27'E, h14km, 5km, M2.8/9, MLh2.8/9
AFAD 01 16:31:49.7, 37°92'N, 27°13'E, h7km, 2km, ML2.3
ISK 01 16:31:49.6, 37°92'N, 27°13'E, h7km, ML2.9/18

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for KUSD Kusadasi-Aydin, GUSAM G'zelcam?, GCMAM G'zelcam?, etc.

s-maj=12.8km s-min=10.3km az=177.0
GFZ 01 16:35:49.1, 0.1, 54°N, 2°15'W, h10km, M6.0/180, mb5.5/180, Mw5.6/15. Error ellipse: s-maj=4.4km
s-min=3.7km az=31.0, confirmed
BGR 01 16:35:49.4, 53°57'N, 151°46'W, h33km, mb5.5
AEIC 01 16:35:50.4, 2.6, 53°53'N, 0°08:150°7W, 0.1, h12km, 3km, Error ellipse: s-maj=11.0km s-min=8.9km az=176.0

GCMT 01 16:35:51.2, 0.2, 53°71'N, 0°1:150°67W, 0.01, h12km, Mw5.7/152, Moment Tensor Solution: S25, c37, s32, c32, Duration: 167 Moment tensor: Scale 1017 Nm: M2:0.1; 07: M2: 1.13; 07: M2: 0.87; 06: M2: 0.94; 23: M2: 3.87; 05: M2: 1.05; 21: Best double couple: M4:0.8000°/1017° NP1:88.00000°/875.00000°, λ-1.00000°. NP2:φ=178.00000°/δ=89.00000° λ-165.00000°. Principal axes: T 2.8850, Plg9.0000°, Azm312.0000°; N 2.2680, Plg75.0000°, Azm183.0000°; P -5.1510, Plg11.0000°, Azm44.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 01 16:35:53.7, 53°69'N, 150°58'W, h12km, Moment Tensor Solution: Duration: 367 Moment tensor: Scale 1017Nm; I1:1.91; M2:0.93; M3:1.02; M4:2.39; M5:3.59; M6:0.46; Best plane solution: M5:05000°/1017° NP1:φ=178.76000°/δ=121.00000° λ156.48000° NP2:φ=273.79000°/δ=171.64000° λ40.33000° Principal axes: T 4.4200, Plg41.0000°, Azm143.0000°; N 0.4220, Plg46.0000°, Azm299.0000°; P -4.8419, Plg12.0000°, Azm42.0000°

ISC 01 16:35:48.5, 0.4, 53°65'N, 0°04:150°51W, 0.03, h13km, 2km, h13km, P-P, n1506, r1949/1265, mb5.6/657, M55.6/11, 43C-45D, South of Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SII Sitkinak Island, SII Sitkinak Islan, SII Sitkinak Islan, etc.

JMA 01 16:28:13.2, 0.2, 37°4N, 0.6:141°38E, 0.7, h37km, 2km, MV0.7/13, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for JFK Kawachi, JMM Marumori, AEIC 01 16:30:50.2, NEIC 01 16:30:48.6, etc.

GOMA Golmarmara-Man 1.01 38 Pg AML Pg 16 32 09.2 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for GOMA Akhisar, AKS Akhisar, DKL Dikili, etc.

BJI 01 16:35:43.7, 53°18'N, 150°38'W, h10km, mb5.3/75
IDC 01 16:35:46.3, 0.4, 53°57'N, 150°20'W, h0km, mb5.1/40, mbmp5.2/43, ML5.2/4, MS5.3/8, Error ellipse: s-maj=11.1km s-min=8.3km az=31.0
MOS 01 16:35:46.8, 1.1, 53°61'N, 150°59'W, h10km, mb5.8/77, MS5.9/5, Error ellipse: s-maj=7.7km s-min=3.7km az=98.5
NEIC 01 16:35:48.2, 53°69'N, 150°58'W, h10km
PTWC 01 16:35:48, 53°80'N, 150°80'W, h10km, Mb5.7/59
NEIC 01 16:35:48.2, 1.1, 53°69'N, 0°08:150°6W, 0.1, h10km, 1km, mb5.7/773, ML5.7/10, Mw5.7/33, Error ellipse:

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like RC01 Rabbit Creek A, O15K Ungalikthiuk R, N18K Kilae Creek, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like YKAW5 Yellowknife Wh, YKAW1 Yellowknife Wh, G06A Carson Farm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like MWC Mount Wilson, CCUT Cedar City, TMUT Trail Mountain, etc.

Table of names, IDs, and scores. Includes entries like ALQ Albuquerque, ECSD EROS Data Cent, DUNG Lazy B Ranch, etc.

Table of names, IDs, and scores. Includes entries like SAND Sanderson, PLPT Palo Pinto, HDIL Hopedale, etc.

Table of names, IDs, and scores. Includes entries like TRQ Mont Tremblant, O53A New Philadelphia, PAOC Oil Creek Stet, etc.

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Table with columns: ID, Name, Frequency, Power, and other parameters. Includes stations like Saint Martin, GERESS Array S, GERESS Array B, etc.

Table with columns: Name, Frequency, Power, and other parameters. Includes stations like Bucovina Array, Bucovina Array, Bucovina Array, etc.

Table with columns: Name, Frequency, Power, and other parameters. Includes stations like So Bento, So Bento, So Bento, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YATNC Mamie plateau, PDG Podgorica, BCI Bajram Curri, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OKTU Okmok Mt. Tuli, OKTU Okmok East Rim, OKFG Magazine Ridge, etc.

BJI 01 17:11:52.6, 39°28'N, 143°36'E, h37km, mb4.4/25
JMA 01 17:11:55.8, 0.0, 39°2'N, 0.2, 142°9'E, 0.2, h24km, MD4.2/40,
b4.5/13, Error ellipse: s-maj=10.0km s-min=6.1km

GFZ 01 17:11:56.3, 1.1, 39°N, 8°W, h44km, M4.3/13,
mb4.5/13, Error ellipse: s-maj=35.8km s-min=6.5km
az=115.5, confirmed
IDC 01 17:11:57.9, 2.3, 39°19'N, 142°86'E, h41km, 19km, mb3.8/21,
mbmp4.0/27, ML3.6/5, Error ellipse: s-maj=18.3km
s-min=12.7km az=111.0

ISC 01 17:11:55.1, 1.4, 39°15'N, 0°05'142°99'E, 0.06, h28km, 9km,
n136, s1930/134, mb4.4/49, 1D, Near east coast of
eastern Honshu

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

AEIC 01 16:42:39.7, 0.8, 52°76'N, 0.10, 168°2'W, 0.2, h13km, 10km,
Error ellipse: s-maj=18.0km s-min=9.3km az=133.0
NEIC 01 16:42:39.7, 0.6, 52.623N, 0.07168W, 0.09, h35km, 2km,
ML2.9/8, ML2.6(AEIC), Error ellipse: s-maj=15.1km
s-min=4.4km az=143.0, Fox Islands

1d 17h

Table with columns: Station Name, Azimuth, Elevation, P, I, A, M, B, Time, Res, ISC. Includes stations like Honhosa River, Kuna River, Poorman, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, P, I, A, M, B, Time, Res, ISC. Includes stations like Alice Springs, Maricunga, Copiapo, etc.

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Table with columns: Station Name, Azimuth, Elevation, P, I, A, M, B, Time, Res, ISC. Includes stations like Sanae, Palmar Station, Cerro Sombrero, etc.

ADC 01 17:21:11.6z, 1.0, 0.06s, 125.97E, h0km, mb3.4/3, mbmtpp3.5/3, Error ellipse: s-maj=182.1km s-min=28.4km az=65.0, Southern Molucca Sea

ADC 01 17:39:06.6z, 2.4, 59.84s, 26.63W, h30km, 16km, mb4.5/13, mbmtpp4.7/14, MLL5.3/1, Error ellipse: s-maj=20.9km s-min=12.9km az=61.0, GFZ 01 17:39:10.4z, 0.3, 60.0s, 2x'2'6W, h89km, M5.0/36, mb5.1/36

NEIC 01 17:39:11.0z, 1.3, 59.88s, 0.09z, 26.58W, 0.2, h74km, 4km, mb5.1/61, Error ellipse: s-maj=15.9km s-min=11.5km

ISC 01 17:39:11.1z, 0.3, 59.96s, 0.06z, 26.58W, 0.06, h74km, n207, r137/205, mb5.0/56, 6C-2D, South Sandwich Islands region

ADC 01 17:39:11.1z, 0.3, 59.96s, 0.06z, 26.58W, 0.06, h74km, n207, r137/205, mb5.0/56, 6C-2D, South Sandwich Islands region

AC02	Maricunga	44.01 300	P	P	17 47 12.2 +0.6
AC06	Mina Casimiro	44.10 298	P	IAMB	17 47 11.3 -0.5
AC01	Pan de Azucar	45.25 298	P	P	17 47 21.3 +0.3
H04S2	CROZET ISLANDS 45.77 110		T	T	18 37 52.9
H04S3	CROZET ISLANDS 45.77 110		T	T	18 37 52.9
H04S1	CROZET ISLANDS 45.77 110		T	T	18 38 07.1
BP14	IPOC Station P	46.49 300	P	P	17 47 30.4 -0.6
BOSA	Boshof	46.76 72	P	P	17 47 33.6 +0.7
BOSA	Boshof	46.76 72	P	IAMB	17 47 31.3 -1.6
BDFB	Brasilía	46.94 331	P	P	17 47 33.8 -0.6
BDFB	Brasilía	46.94 331	P	P	17 47 34.0 -0.4
PB10	IPOC Station P	47.53 300	P	P	17 47 39.1 +0.3
PB01	IPOC Station P	49.25 303	P	P	17 47 51.1 -1.1
PTLB	Pontes e Lacer	50.38 318	P	P	17 48 00.0 -0.6
PB16	IPOC Station P	51.67 304	P	P	17 48 12.0 +1.1
H10S2	ASCENSION HYDR51.68 15		T	T	17 44 09.7
H10S3	ASCENSION HYDR51.69 15		T	T	18 44 09.4
PB18	Visviri	52.33 305	P	IAMB	17 48 15.9 +0.1
H10N1	ASCENSION HYDR52.80 15		T	T	18 45 24.8
H10N3	ASCENSION HYDR52.80 15		T	T	18 45 14.2
H10N2	ASCENSION HYDR52.82 15		T	T	18 45 26.0
LPAZ	La Paz	52.95 307	P	P	17 48 21.2 +0.7
LPAZ	La Paz	52.95 307	P	IAMB	17 48 20.5 0.0
LPAZ	La Paz	52.95 307	P	P	17 49 27.7 -0.8
LPAZ	La Paz	52.95 307	P	P	17 48 21.0 +0.5
LPAZ	La Paz	52.95 307	P	P	17 48 20.9 +0.4
CLDB	Colider	53.61 323	P	P	17 48 23.1 -1.7
LSZ	Lusaka	59.58 66	P	P	17 49 08.3 +1.2
BOAV	Boa Vista	67.60 323	P	IAMB	17 49 57.9 -1.8
DBIC	Dimbokoro	68.62 23	P	P	17 50 06.0 0.0
DBIC	Dimbokoro	68.62 23	P	IAMB	17 50 05.5 -0.5
DBIC	Dimbokoro	68.62 23	P	IAMB	17 52 16.8
DBIC	Dimbokoro	68.62 23	P	P	17 50 05.9 -0.1
OTAV	Otavalo	72.12 304	P	IAMB	17 50 27.8 -0.2
OTAV	Otavalo	72.12 304	P	P	17 50 30.4
OTAV	Otavalo	72.12 304	P	P	17 50 28.3 +0.3
RUSC	La Rusia	75.15 312	P	IAMB	17 50 44.4 -1.3
RUSC	La Rusia	75.15 312	P	IAMB	17 50 45.1
TORD	Torodí Arr. Bea	76.33 28	P	P	17 50 52.4 +0.5
TORD	Torodí Arr. Bea	76.33 28	P	P	17 50 51.8 0.0
LTZ	Lake Taylor	76.45 194	P	P	17 50 52.5 +0.1
SDV	Santo Domingo	77.02 315	P	P	17 50 55.1 -0.9
TAU	Tasmania Unive	77.36 175	P	P	17 50 58.2 +0.8
SNZO	South Karori	77.57 196	P	P	17 51 00.5 +1.9
MRNZ	Matariki Terra	77.75 195	P	P	17 51 01.7 +2.0
MRZ	Mangatainoka R	78.08 197	P	P	17 51 02.8 +1.3
MILA	Mila	83.27 177	P	P	17 51 29.5 +0.1
KLBR	Kellerberrin	84.15 177	P	P	17 51 30.7 -3.2
CNB	Cambera Magne	85.01 150	P	P	17 51 38.3 +0.1
MORW	Morawa	86.11 148	P	P	17 51 40.6 -3.0
BBOO	Buckleboo	86.46 165	P	P	17 51 44.0 -1.3
BBOO	Buckleboo	86.46 165	P	P	17 51 45.6 +0.3
FORT	Forrest	87.20 158	P	P	17 51 46.8 -2.1
FORT	Forrest	87.20 158	P	P	17 51 47.6 -1.3
STKA	Stephens Creek	87.98 170	P	P	17 51 53.2 +0.5
STKA	Stephens Creek	87.98 170	P	P	17 51 53.8 +0.8
STKA	Stephens Creek	87.98 170	P	P	17 51 52.8 +0.1
CMSA	Cobar Meteorol	88.61 173	P	P	17 51 56.3 +0.6
CMSA	Cobar Meteorol	88.61 173	P	P	17 51 55.8 +0.2
CMSA	Cobar Meteorol	88.61 173	P	P	17 52 05.8 +8.6
ASAR	Alice Springs	95.15 162	P	P	17 52 26.4 +0.3
ASAR	Alice Springs	95.15 162	P	P	17 56 17.8 +2.1
WRA	Warramunga Arr	98.87 162	P	P	17 52 43.5 +0.6
BRY04	Keskin Array S	110.93 46	P	P	17 53 38.9 +2.9
HYB	Hyderabad	112.49 94	P	P	17 57 41.4 +3.0
HYB	Hyderabad	112.49 94	P	P	17 57 42.9 +4.4
HYB	Hyderabad	112.49 94	P	P	17 57 59.4 +0.9
HYB	Hyderabad	112.49 94	P	P	17 58 26.7 +0.9
HYB	Hyderabad	112.49 94	P	P	18 05 15.2 -0.1
HYB	Hyderabad	112.49 94	P	P	18 05 13.3
HYB	Hyderabad	112.49 94	P	P	18 05 59.0 -1.3
HYB	Hyderabad	112.49 94	P	P	18 15 53.3 +4.5
CLL	Collim	115.43 26	L	L	18 47 00.0
CLL	Collim	115.43 26	L	L	19 01 00.0
CLL	Collim	115.43 26	L	L	19 03 00.0
CLL	Collim	115.43 26	L	L	19 03 00.0
CTUT	Toone Canyon	122.13 297	P	P	17 57 56.1 -0.5
HWUT	Hardware Ranch	122.60 298	P	P	17 57 56.6 -0.7
NVAR	Mina Array Bea	123.15 290	P	P	17 57 59.6 +0.8
ULM	Lac du Bonnet	123.26 314	P	P	17 57 57.3 -0.8
CM31	Chiang Mai Arr	123.33 112	P	P	17 58 00.1 +0.7
CMAR	Chiang Mai Arr	123.33 112	P	P	17 58 00.1 +0.6
CMAR	Chiang Mai Arr	123.33 112	P	P	17 57 59.7 +0.2
NOAR	NORSAR Array B	124.18 21	P	P	17 57 59.5 -0.2
BMN	Battle Mountai	124.24 293	P	P	17 58 00.5 0.0
EVNR	Everest	125.43 93	P	P	17 58 03.7 -0.1
MORE	Moret	126.08 104	P	P	17 58 05.2 +0.5
FINES	FINESS Array B	127.68 29	P	P	17 58 06.2 -0.5
FINES	FINESS Array B	127.68 29	P	P	17 58 06.0 -0.2
KSH2	Kashi	128.73 77	P	P	17 58 10.2 +0.4
KSH2	Kashi	128.73 77	P	P	17 58 10.2 +0.4
KSH2	Kashi	128.73 77	P	P	17 58 10.2 +0.4
ARSB	Arslanbob	129.16 73	P	P	17 58 11.3 +0.7

AB31	Akbulak array	129.26 58	P	P	17 58 10.0 -0.3
ABKAR	Akbulak array	129.26 58	P	P	17 58 09.0 -0.6
AAK	Ala-Archa	130.89 73	P	P	17 58 13.7 -0.3
ARCES	ARCCESS Array B	134.45 23	P	P	17 58 19.3 -0.9
ARCES	ARCCESS Array B	134.45 23	P	P	17 58 46.7 +1.6
ARCES	ARCCESS Array B	134.45 23	P	P	17 58 18.4 -0.4
BOROV	Borovoye Array	136.50 61	P	P	17 58 26.0 +1.2
BVAR	Borovoye Array	136.52 61	P	P	17 58 12.4
BVAR	Borovoye Array	136.52 61	P	P	17 58 23.0 -0.1
WMQ	Urumiqi	138.25 82	P	P	17 58 28.0 -0.8
WMQ	Urumiqi	138.25 82	P	P	17 58 28.0 -0.8
WMQ	Urumiqi	138.25 82	P	P	17 58 28.0 -0.8
WMQ	Urumiqi	138.25 82	P	P	17 58 28.0 -0.8
KURBB	Kurchatov Arra	138.57 68	P	P	17 58 18.8
KURBB	Kurchatov Arra	138.57 68	P	P	17 58 28.7 -0.4
KURK	Kurchatov	138.68 68	P	P	17 58 26.9 -0.2
KURK	Kurchatov	138.68 68	P	P	17 58 18.8
YKA	Yellowknife Arr	139.23 315	P	P	17 58 27.9 +0.1
YKA	Yellowknife Arr	139.23 315	P	P	18 02 00.1 +0.8
YKA	Yellowknife Arr	139.23 315	P	P	17 58 27.6 -0.2
YKAW	Yellowknife Wh	139.28 315	P	P	17 58 27.7 -0.2
ZALV	Zalesovo Beam	143.67 68	P	P	17 58 32.7
ZALV	Zalesovo Beam	143.67 68	P	P	17 58 37.7 -1.8
NJ2	Nanjing	143.92 125	P	P	17 58 39.1 -1.6
NP18	Nanjing	143.92 125	P	P	17 58 39.1 -1.6
P33M	Teslin, Yukon	144.99 303	P	P	17 58 37.3 -0.5
P32M	Atlin	145.03 302	P	P	17 58 37.8 -0.1
HNS	HongShan	146.65 115	P	P	17 58 44.2 -0.5
TIA	Tai'an	146.75 119	P	P	17 58 44.9 -0.3
BTO2	Baotou	147.03 106	P	P	17 58 45.3 -1.0
BTO2	Baotou	147.03 106	P	P	18 02 18.8 +8.4
BTO2	Baotou	147.03 106	P	P	18 02 18.8 +8.4
A36M	Sachs Harbour	147.66 325	P	P	17 58 44.6 -0.6
HHC	Hu-ho-hao-te	147.93 108	P	P	17 58 45.1 +1.2
BCAR	Beaver Creek A	150.11 304	P	P	17 58 50.6 -1.1
L27K	Beaver Creek A	150.13 304	P	P	17 58 50.9 -0.8
SOMM	Songaria Array	150.42 93	P	P	17 58 53.5 -0.3
ULN	Ulanbaatar	150.77 93	P	P	17 58 54.5 -0.1
DL2	Dalian	150.95 122	P	P	17 58 54.6 -0.3
DL2	Dalian	150.95 122	P	P	17 58 36.5 +3.7
NR1K	Noril'sk	151.76 43	P	P	17 58 55.1 -0.2
E27K	Coleen River	151.78 314	P	P	17 58 54.9 -0.6
J25K	Salcha River	152.16 306	P	P	17 58 55.8 -0.7
KSR5	Korea Array	152.22 133	P	P	17 58 57.8 +0.2
IL31	Eielson Array	152.83 306	P	P	17 58 57.9 0.0
ILAR	Eielson Array	152.83 306	P	P	17 58 57.6 -0.2
ILAR	Eielson Array	152.83 306	P	P	17 58 57.5 -0.4
TOLK	Toolik Lake Re	154.76 314	P	P	17 59 01.9 0.0

BBJ1	Kahutera	55.49 141	IAMB	IAMB	17 47 46.3
CTAO	Charters Town	23.69 135	P	P	17 47 39.7 +1.8
INKA	Innamkina	26.52 155	P	IAMB	17 48 04.5 +1.0
BB00	Buckleboo	29.73 167	P	P	17 48 33.2 +1.3
BB00	Buckleboo	29.73 167	P	P	17 48 32.5 +0.6
STKA	Stephens Creek	31.05 158	P	P	17 48 40.5 +1.5
HTT	Hallett	31.05 153	P	P	17 48 46.9 +3.3
CMAR	Chiang Mai Arr	36.58 308	P	P	17 49 33.6 +2.1
CMAR	Chiang Mai Arr	36.58 308	P	P	17 49 32.6 +1.1
CAN	Canberra	38.76 501	P	P	17 49 32.7 +0.7
JTU	Tsushima	38.11 311	P	P	17 49 44.3 +0.2
JGF	Kuroka	40.04 11	P	P	17 50 01.4 +1.2
KSRS	Korea Array	41.02 359	P	P	17 50 08.1 -0.1
EVNR	Everest	51.07 311	P	IAMB	17 51 28.6 +0.8
EVNR	Everest	51.07 311	P	IAMB	17 51 30.3
TOW	Tory Channel	55.36 139	P	P	17 51 58.7 +0.5
BHW	Baring Head	58.85 139	P	P	17 52 05.9 +0.5
MKAR	Makanchi Array	64.75 327	P	P	17 53 03.8 +1.7
MKAR	Makanchi Array	64.75 327	P	P	17 53 03.5 +1.4
MAKZ	Makanchi	64.93 327	P	P	17 53 04.6 +1.3
ZALV	Zalesovo Beam	68.07 334	P	P	17 53 24.0 +1.0
ZALV	Zalesovo Beam	68.07 334	P	P	17 53 23.7 +0.8
KURBB	Kurchatov Arra	69.02 328	P	P	17 53 30.6 +1.7
KURK	Kurchatov	69.03 329	P	IAMB	17 53 30.0 +1.1
KURK	Kurchatov	69.03 329	P	IAMB	17 53 31.2
BVAR	Borovoye Array	74.58 328	P	P	17 54 03.8 +1.7
VNDA	Vanda	75.80 173	P	P	17 54 09.7 +1.0
VNDA	Vanda	75.80 173	P	P	17 54 09.7 +1.0
ABKAR	Akbulak array	79.09 322	P	P	17 54 28.8 +1.3
CHGN	Chignik	83.81 32	P	P	17 54 53.5 +1.4
QSPA	South Pole Qui	86.18 180	P		

IGBI		AML	AML						
IGBI		AML	AML						
IGBI		AML	AML						
SRBI	Singaraja	2.63 290	P	Pn	18 34 29.3 +2.2				
SRBI			AML	AML					
WSI	Waingapu	2.64 105	P	Pn	18 34 29.0 +1.7				
WSI			AML	AML					
RTBI	Rangdo, Negare	2.78 281	P	Pn	18 34 31.8 +2.5				
RTBI			AML	AML					
RTBI			AML	AML					
JAGI	Jajag, Banyuwa	3.55 278	P	Pn	18 34 42.2 +2.4				
JAGI	Jajag, Banyuwa	3.55 278	P	Pn	18 34 40.3 +0.4				
JAGI			Sn	Sn	18 35 24.9 +3.5				
JAGI	Jajag, Banyuwa	3.55 278	P	Pn	18 34 41.4 +1.6				
ABJI	Asem Bagus	3.64 289	P	Pn	18 34 44.6 +3.6				
ABJI			AML	AML					
ABJI			AML	AML					
EDFI	Ende, Flores	3.94 87	P	Pn	18 34 47.7 +2.4				
EDFI			AML	AML					
EDFI			AML	AML					
BSSI	Bau Bau, Buton	3.96 44	P	Pn	18 34 46.6 +1.1				
BSSI			AML	AML					
BSSI			AML	AML					
KAPI	Kappang	4.45 27	Pn	Sn	18 34 53.5 +1.3				
KAPI			Sn	Sn	18 35 43.6 0.0				
KAPI			AML	AML					
KAPI	Kappang	4.45 27	P	Pn	18 34 53.9 +1.7				
KAPI	Kappang	4.45 27	P	Pn	18 34 52.2 0.0				
KAPI			Sn	Sn	18 35 42.7 -0.9				
MMRI	Maumere	4.49 86	P	Pn	18 34 56.0 +3.2				
MMRI	Maumere	4.49 86	P	Pn	18 34 53.7 +0.9				
MMRI			Sn	Sn	18 35 45.6 +1.0				
MMRI	Maumere	4.49 86	P	Pn	18 34 56.3 +3.5				
MMRI			AML	AML					
MMRI			AML	AML					
MMRI			AML	AML					
GRJI	Gresik	5.58 291	P	Pn	18 35 12.5 +4.8				
GRJI			AML	AML					
GRJI			AML	AML					
PMSI	Majene	5.59 12	P	Pn	18 35 10.5 +2.5				
PMSI			AML	AML					
PMSI			AML	AML					
BWJI	Bau Bau	5.90 302	P	Pn	18 35 14.6 +2.4				
BWJI			AML	AML					
BWJI			AML	AML					
PWJI	Pagerwojo	5.92 279	P	Pn	18 35 16.0 +3.6				
PWJI			AML	AML					
PWJI			AML	AML					
BBSI	Bau Bau	5.96 54	P	Pn	18 35 15.9 +3.0				
BBSI			AML	AML					
BBSI			AML	AML					
BATI	Baumata	6.00 102	Pn	Sn	18 35 16.2 +2.7				
BATI			Sn	Sn	18 36 23.7 +2.0				
BATI			AML	AML					
BATI	Baumata	6.00 102	P	Pn	18 35 15.7 +2.2				
BATI			AML	AML					
BATI			AML	AML					
BATI			AML	AML					
SJI	Sawahan	6.01 282	P	Pn	18 35 17.9 +4.2				
SJI			AML	AML					
SJI			AML	AML					
SOEI	Soe	6.52 97	P	Pn	18 35 24.1 +3.4				
SOEI	Soe	6.52 97	P	Pn	18 35 22.0 +1.3				
SOEI			Sn	Sn	18 36 34.9 +0.2				
UGM	Wanagama	7.19 278	P	Pn	18 35 34.0 +4.1				
UGM	Wanagama	7.19 278	Pn	Pn	18 35 31.1 +1.2				
UGM			Sn	Sn	18 36 52.6 +1.6				
BBJI	Bungbung	10.07 278	P	Pn	18 36 07.8 -1.6				
BBJI	Bungbung	10.07 278	Pn	Pn	18 36 07.8 -1.6				
FITZ	Fitzroy Crossi	11.88 140	Pn	Sn	18 38 40.8 -5.6				
FITZ			AML	AML					
FITZ	Fitzroy Crossi	11.88 140	Pn	Pn	18 36 33.8 -0.4				
FITZ			AML	AML					
MBWA	Marble Bar	12.24 171	P	Pn	18 36 39.0 -0.1				
KNRA	Kunumurra	12.67 123	Pn	Pn	18 36 44.3 -0.7				
TNTI	Ternate	13.67 45	Pn	Pn	18 36 56.8 -1.9				
MTN	Manton Dam	13.72 107	Pn	Pn	18 36 58.0 -1.4				
GIRL	Giralia	13.97 193	Pn	Pn	18 37 02.9 +0.2				
KKM	Kota Kinabalu	15.02 354	Pn	Pn	18 37 17.6 +0.5				
FAKI	Fak Fak	15.67 68	Pn	Pn	18 37 25.4 -0.3				
FAKI			IAMB	IAMB	18 37 27.3				
WB0	Warramunga Arr	19.37 125	P	P	18 38 10.5 +0.1				
WRA	Warramunga Arr	19.41 126	P	P	18 38 11.5 +0.5				
WRA			AML	AML					
WRS	Warramunga Arr	19.55 126	P	P	18 38 11.4 +0.4				
WRS			IAMB	IAMB	18 38 32.6				
MORW	Morawa	20.02 184	P	Pn	18 38 19.2 -0.1				
MORW			IAMB	IAMB	18 38 39.8				
AS31	Alice Springs	21.28 135	P	P	18 38 32.0 +0.7				
ASAR	Alice Springs	21.28 135	P	P	18 38 31.9 +0.6				
ASAR			AML	AML					
ASAR	Alice Springs	21.28 135	P	P	18 38 32.0 +0.8				
GSI	Gungunstitoli	22.52 296	P	P	18 38 43.8 -0.8				
GSI			IAMB	IAMB	18 38 51.1				
FORT	Forrest	23.73 157	P	P	18 38 57.4 +0.7				
FORT			IAMB	IAMB	18 38 59.1				
NWAO	Narrogin (SRO)	23.81 181	P	P	18 38 57.7 +0.2				
QIS	Mount Isa	24.05 121	P	P	18 39 00.4 +0.4				
SZP	Santa	26.52 6	P	P	18 39 22.5 +0.2				
MTSU	Mount Surprise	27.38 112	P	P	18 39 31.6 +1.4				
BBOO	Buckleboob	29.14 147	P	P	18 39 47.0 +1.2				
CTAO	Charters Tower	29.70 115	P	P	18 39 51.0 +0.3				
CTAO			IAMB	IAMB	18 40 22.8				
QLP	Quilpie	30.61 128	P	P	18 40 00.5 +1.8				
STKA	St Stephens Creek	31.78 139	P	P	18 40 10.3 +1.3				
STKA	St Stephens Creek	31.78 139	P	P	18 40 09.7 +0.7				
STKA	St Stephens Creek	31.78 139	P	P	18 40 10.2 +1.2				
CMAR	Chiang Mai Arr	32.97 326	P	P	18 40 18.7 -0.9				
CMAR			Sn	Sn					
CAN	Canberra	38.76 137	P	P	18 41 10.4 +1.3				
ENH	Enshi	39.84 349	P	P	18 41 17.3 -0.8				
ENH			IAMB	IAMB	18 41 20.5				

MORE	Moreh	40.17 326	P	P	18 41 19.5 -1.4				
MORE			IAMB	IAMB	18 41 28.1				
H0BS2	Diego Garcia H	44.74 268	T	T	19 29 08.6				
H0BS3	Diego Garcia H	44.75 268	T	T	19 29 10.1				
H0BS1	Diego Garcia H	44.76 268	T	T	19 29 10.8				
KSR5	Korea Arry	47.19 11	P	P	18 42 16.9 -0.3				
HHC	Hu-ho-hao-te	49.92 354	eP	pmax	18 42 40.8 +2.5				
HHC				pmax					
USA0B	Ussuriysk Arra	54.51 13	P	P	18 43 11.2 -1.0				
USAR	Ussuriysk Ar	54.51 13	P	P	18 43 11.6 -0.6				
USAR									
USRK	Ussuriysk Arr	54.51 13	P	P	18 43 11.5 -0.8				
MLZ	Mavora Lakes	56.36 139	P	P	18 43 26.6 +0.9				
SONM	Sonogino Arry	57.47 351	P	P	18 43 32.8 -0.7				
SONM									
SONM	Sonogino Arry	57.47 351	P	P	18 43 32.8 -0.7				
MKAR	Makanchi Arry	63.86 334	P	P	18 44 16.4 -0.7				
MKAR									
MKAR	Makanchi Arry	63.86 334	P	P	18 44 15.7 -1.5				
AAK	AA-Archa	64.76 326	P	P	18 44 23.3 +0.1				
AR5B	Arslanbob	64.76 324	P	P	18 44 21.4 -1.8				
AR5B			IAMB	IAMB	18 44 23.2				
H04N2	CROZET ISLANDS 66.92 224		T	T	19 57 37.5				
H04N1	CROZET ISLANDS 66.93 224		T	T	19 57 53.0				
H04N3	CROZET ISLANDS 66.93 224		T	T	19 57 35.6				
KURRB	Kurchatov Arra	68.41 334	P	P	18 44 44.9 -1.2				
KURRB									
KURK	Kurchatov	68.44 334	P	P	18 44 44.9 -1.4				
ZALV	Zalesovo Beam	68.59 340	P	P	18 44 47.7 -2.5				
ZALV									
ZALV	Zalesovo Beam	68.59 340	P	P	18 44 45.4 -1.8				
MWAV	Mawson	68.80 200	P	P	18 44 48.1 -0.3				
INDA	Inda	72.19 171	P	P	18 45 09.9 +0.2				
INDA									
VNDA	Vanda	72.19 171	P	P	18 45 10.9				
VNDA			IAMB	IAMB	18 45 10.1				
QSPA	South Pole Qui	80.99 180	P	P	18 45 59.8 +0.7				
QSPA									
QSPA	South Pole Qui	80.99 180	P	P	18 45 59.9 +				

IDC 01 18:46:46.5-0.9, 5:43S, 142°23'E, h0km, mb4.0/8,
mbmp4.0/12, ML3.5/4, MS4.2/1, Error ellipse:
s-maj=32.9km s-min=15.0km az=76.0
DJA 01 18:46:49.6-1.0, 6°S, 4°14'3E, h10km, M4.7/2, mb4.3/1,
ML4.5/3, MLV4.5/4, MLV4.7/2

ISC 01 18:46:48.0-0.9, 5:43S, 0°06'142.4E:0.2, h10km, n18,
e213/18, mb4.1/8, New Guinea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h	m s
JAY	Jayapura	3.37	329	Pn	Op	18 47 40.7	-0.1
JAY	Jayapura	3.37	329	Pn	Op	18 48 27.8	
JAY	Jayapura	3.37	329	Pn	Op	18 47 43.1	+2.3
JAY	Jayapura	3.37	329	Pn	Op	18 48 27.4	-1.7
JAY	Jayapura	3.37	329	Pn	Op	18 47 47.4	+3.3
JAY	Jayapura	3.37	329	Pn	Op	18 47 46.9	+2.5
JAY	Jayapura	3.37	329	Pn	Op	18 48 08.2	+4.3
JAY	Jayapura	3.37	329	Pn	Op	18 49 37.6	-2.2
WRA	Warramunga Arr	16.43	208	Pn	Pn	18 50 35.4	-3.6
BATI	Baumata	19.19	255	LR	LR	19 00 01.9	
ASAR	Alice Springs	19.91	204	P	P	18 51 19.6	-0.3
ASAR	Stephens Creek	26.32	182	P	P	18 52 23.2	-0.9
SOMN	Songino Array	61.78	333	P	P	18 57 07.7	+0.7
VNDA	Vanda	72.78	176	P	P	18 58 16.9	+0.7
MKAR	Makanchi Array	74.20	322	P	P	18 58 24.8	-0.3
KURB	Kurchatov Arra	78.09	324	P	P	18 58 46.2	-0.9
BVAR	Borovyoye Array	83.66	325	P	P	18 59 17.0	+0.1
QSPA	South Pole Qui	84.53	180	P	P	18 59 21.4	+0.2
ILAR	Elson Array	86.78	24	P	P	18 59 31.3	-0.9
DBIC	Dimbokro	147.46	274	PKPbc	PKPbc	19 06 32.8	+1.9

JMA 01 19:15:43.1±0.1, 23°5N:0.5:12°2E, h44km±2km,
MV3.2/14, TAIWAN REGION
TAP 01 19:15:44.2, 23°48N:121°71E, h34km, ML3.8, C
ISC 01 19:15:43.5-0.9, 23°46N:0°02:121.75E:0.02, h29km±8km,
n139, e09/240, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h	m s
ECBN	Changbin	0.31	242	Op	Op	19 15 16.6	+0.6
TEGC	Jichi Village	0.31	323	Op	Op	19 15 57.2	-0.4
SHUL	Shoufeng	0.37	333	Op	Op	19 15 57.3	-0.4
EHYH	Wanrong	0.37	275	Op	Op	19 15 58.6	-0.4
EHYH	Hungye	0.39	277	Op	Op	19 15 52.4	-0.5
EYUL	Yuli	0.41	254	Op	Op	19 15 57.9	-1.2
EYUL	Yu-ii	0.42	261	Op	Op	19 15 52.5	+0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.9	-0.8
EYUL	Yu-ii	0.42	261	Op	Op	19 15 59.8	-0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 15 53.0	+0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 15 52.9	+0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 15 59.5	-0.9
EYUL	Yu-ii	0.42	261	Op	Op	19 15 53.1	+0.5
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.9	-0.0
EYUL	Yu-ii	0.42	261	Op	Op	19 15 53.8	+0.1
EYUL	Yu-ii	0.42	261	Op	Op	19 16 01.0	+0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 53.1	+0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 60.0	-0.6
EYUL	Yu-ii	0.42	261	Op	Op	19 15 53.1	+0.2
EYUL	Yu-ii	0.42	261	Op	Op	19 15 59.4	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 53.7	-0.1
EYUL	Yu-ii	0.42	261	Op	Op	19 16 00.9	+0.1
EYUL	Yu-ii	0.42	261	Op	Op	19 15 53.7	-0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 16 00.6	-0.5
EYUL	Yu-ii	0.42	261	Op	Op	19 16 03.0	-0.1
EYUL	Yu-ii	0.42	261	Op	Op	19 15 54.5	+0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 16 03.0	-0.1
EYUL	Yu-ii	0.42	261	Op	Op	19 15 53.0	+0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 16 02.2	-0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 15 55.0	-0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 16 02.9	-0.6
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.8	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 16 04.5	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 56.9	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 16 06.3	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 57.1	-0.5
EYUL	Yu-ii	0.42	261	Op	Op	19 16 02.2	-1.1
EYUL	Yu-ii	0.42	261	Op	Op	19 15 56.9	-0.8
EYUL	Yu-ii	0.42	261	Op	Op	19 16 05.7	-1.7
EYUL	Yu-ii	0.42	261	Op	Op	19 15 57.2	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 57.2	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.2	-0.5
EYUL	Yu-ii	0.42	261	Op	Op	19 16 08.7	-0.8
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.3	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 16 08.4	-1.1
EYUL	Yu-ii	0.42	261	Op	Op	19 15 57.9	-0.9
EYUL	Yu-ii	0.42	261	Op	Op	19 16 04.1	-0.6
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.3	-0.6
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.2	-0.6
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.5	-0.9
EYUL	Yu-ii	0.42	261	Op	Op	19 16 09.1	-1.0
EYUL	Yu-ii	0.42	261	Op	Op	19 15 58.0	-1.2
EYUL	Yu-ii	0.42	261	Op	Op	19 16 08.6	-1.1
EYUL	Yu-ii	0.42	261	Op	Op	19 15 59.5	+0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 16 10.5	+0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 59.7	+0.1
EYUL	Yu-ii	0.42	261	Op	Op	19 16 10.5	-0.6
EYUL	Yu-ii	0.42	261	Op	Op	19 16 10.8	-0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 16 10.0	-0.2
EYUL	Yu-ii	0.42	261	Op	Op	19 16 11.5	-0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 16 08.8	+0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 16 12.3	+0.4
EYUL	Yu-ii	0.42	261	Op	Op	19 15 59.1	-0.9
EYUL	Yu-ii	0.42	261	Op	Op	19 16 10.3	-1.0
EYUL	Yu-ii	0.42	261	Op	Op	19 15 59.1	-1.1
EYUL	Yu-ii	0.42	261	Op	Op	19 16 10.7	+0.6
EYUL	Yu-ii	0.42	261	Op	Op	19 16 00.3	-0.3
EYUL	Yu-ii	0.42	261	Op	Op	19 16 11.9	-0.9
EYUL	Yu-ii	0.42	261	Op	Op	19 16 00.5	-0.5
EYUL	Yu-ii	0.42	261	Op	Op	19 16 08.3	+0.1
EYUL	Yu-ii	0.42	261	Op	Op	19 16 12.1	-1.1
EYUL	Yu-ii	0.42	261	Op	Op	19 16 01.0	-0.5
EYUL	Yu-ii	0.42	261	Op	Op	19 16 11.9	-1.8

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h	m s
TDCB	Techi	0.95	326	Op	Op	19 16 01.3	-0.3
TDCB	Nanau	0.96	360	Op	Op	19 16 12.2	-1.8
ENNA	Beigang Elemen	0.97	308	Op	Op	19 16 00.9	-0.1
WCS	Wuta	0.98	2	Op	Op	19 16 13.3	-0.7
EWUT	Tsauling	0.98	276	Op	Op	19 16 01.4	-0.3
CHNS	Zhushan	1.00	291	Op	Op	19 16 14.7	+0.5
WJS	Datong	1.02	341	Op	Op	19 16 02.3	+0.1
NNSB	Nan Shan	1.03	341	Op	Op	19 16 15.8	+1.1
NNS	Ta-pu	1.04	261	Op	Op	19 16 14.1	-1.3
TPUB	Ta-pu	1.04	261	Op	Op	19 16 02.2	0.0
TPUB	Ta-pu	1.04	261	Op	Op	19 16 14.7	-1.0
WCKO	Fanlu	1.05	269	Op	Op	19 16 02.9	0.0
WCKO	Mingjian	1.06	293	Op	Op	19 16 16.2	0.0
WNT	Ta-pu	1.06	299	Op	Op	19 16 03.7	+0.6
WNT	Tsushan	1.06	299	Op	Op	19 16 16.9	+0.5
WTP	Datong	1.09	349	Op	Op	19 16 03.5	+0.3
CHNA	Datong	1.09	349	Op	Op	19 16 18.0	+1.2
CHNA	Datong	1.09	349	Op	Op	19 16 03.7	+0.4
CHNA	Datong	1.09	349	Op	Op	19 16 17.1	+0.2
CHNA	Datong	1.09	349	Op	Op	19 16 03.9	+0.5
CHNA	Datong	1.09	349	Op	Op	19 16 17.4	+0.4
CHNA	Datong	1.09	349	Op	Op	19 16 03.2	+0.3
CHNA	Datong	1.09	349	Op	Op	19 16 16.2	-0.9
CHNA	Datong	1.09	349	Op	Op	19 16 16.0	0.0
CHNA	Datong	1.09	349	Op	Op	19 16 16.0	0.0
CHNA	Datong	1.09	349	Op	Op	19 16 19.0	+0.8
CHNA	Datong	1.09	349	Op	Op	19 16 04.2	0.0
CHNA	Datong	1.09	349	Op	Op	19 16 17.7	-0.6
CHNA	Datong	1.09	349	Op	Op	19 16 03.7	+0.4
CHNA	Datong	1.09	349	Op	Op	19 16 19.2	+0.8
CHNA	Datong	1.09	349	Op	Op	19 16 02.4	-0.9
CHNA	Datong	1.09	349	Op	Op	19 16 16.7	-1.1
CHNA	Datong	1.09	349	Op	Op	19 16 04.5	+0.1
CHNA	Datong	1.09	349	Op	Op	19 16 19.6	+0.8
CHNA	Datong	1.09	349	Op	Op	19 16 18.7	-0.2
CHNA	Datong	1.09	349	Op	Op	19 16 04.8	+0.3
CHNA	Datong	1.09	349	Op	Op	19 16 02.2	+1.3
CHNA	Datong	1.09	349	Op	Op	19 16 04.3	-0.4
CHNA	Datong	1.09	349	Op	Op	19 16 18.7	-0.6
CHNA	Datong	1.09	349	Op	Op	19 16 04.8	+0.9
CHNA	Datong	1.09	349	Op	Op	19 16 03.6	-0.1
CHNA	Datong	1.09	349	Op	Op	19 16 04.4	+0.5
CHNA	Datong	1.09	349	Op	Op	19 16 19.6	+0.2
CHNA	Datong	1.09	349	Op	Op	19 16 01.0	-1.0
CHNA	Datong	1.09	349	Op	Op		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Contains data for stations like AKS, DKL, DKL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Contains data for stations like CHMS, USP, SALK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Contains data for stations like MS5, IDC, MAN, MOS, etc.

RPZ	Rata Peaks	20.65	35	P	P	20 57 36.6	-0.2
RPZ	comp-Z,542nm,1.9s			Iamb	Iamb	20 57 41.9	
RPZ	Rata Peaks	20.65	35	P	Pn	20 57 40.5	+1.4
RPZ	Rata Peaks	20.65	35	P	P	20 57 37.7	+0.9
MQZ	McQueen's Vall	21.10	38	P	P	20 57 41.8	+0.1
MQZ	comp-Z,285nm,1.6s			Iamb	Iamb	20 57 57.7	
MQZ	comp-Z,34um,19.0s			IAMs_20	IAMs_20	21 04 19.5	
MOZ	McQueen's Vall	21.10	38	P	P	20 57 40.8	-0.8
WVZ	Waitaha Valley	21.16	34	P	P	20 57 45.5	+3.2
OXZ	Oxford	21.28	36	P	P	20 57 42.6	-0.9
OXZ	comp-Z,200nm,1.3s			Iamb	Iamb	20 57 56.1	
OXZ	Oxford	21.28	36	P	P	20 57 45.3	+1.7
GLAD	Gladstone	21.47	346	P	P	20 57 46.8	+1.1
INZ	Inchbonnie	21.67	35	P	P	20 57 47.6	-0.2
INZ	Inchbonnie	21.67	35	P	P	20 57 48.4	+0.6
AUBRN	Burnie High Sc	21.71	341	P	P	20 57 49.3	+0.9
LTZ	Lake Taylor	21.84	36	P	P	20 58 08.1	-0.4
LTZ	comp-Z,316nm,1.9s			Iamb	Iamb	20 58 08.1	
LTZ	comp-Z,33um,18.0s			IAMs_20	IAMs_20	21 05 35.7	
LTZ	Lake Taylor	21.84	36	P	P	20 57 53.1	+3.3
GVZ	Greta Valley S	21.89	38	P	P	20 57 49.8	-0.3
GVZ	comp-Z,265nm,1.5s			Iamb	Iamb	20 58 02.6	
GVZ	comp-Z,33um,20.0s			IAMs_20	IAMs_20	21 04 34.3	
GVZ	Greta Valley S	21.89	38	P	P	20 57 52.7	+2.7
KHZ	Kahutara	22.54	38	P	P	20 57 55.5	-1.6
KHZ	comp-Z,43um,20.0s			IAMs_20	IAMs_20	21 05 13.6	
KHZ	Kahutara	22.54	38	P	P	20 57 59.3	+2.2
KHZ	Kahutara	22.54	38	P	P	20 57 57.7	+0.6
DSZ	Denniston Nort	22.68	34	P	P	20 57 58.0	-0.7
DSZ	Denniston Nort	22.68	34	P	P	20 58 00.7	+2.1
THZ	Tophouse	22.97	36	IAMs_20	IAMs_20	21 05 39.7	
THZ	comp-Z,45um,19.0s			IAMs_20	IAMs_20	21 05 39.7	
THZ	Tophouse	22.97	36	P	P	20 58 04.3	+2.6
NNZ	Nelson	23.60	37	IAMs_20	IAMs_20	21 05 59.6	
NNZ	comp-Z,45um,20.0s			IAMs_20	IAMs_20	21 05 59.6	
TKNZ	Takaka Hill	23.66	36	P	P	20 58 10.7	+2.6
QRZ	Quartz Range	23.73	35	IAMs_20	IAMs_20	21 05 46.0	
QRZ	comp-Z,39um,21.0s			IAMs_20	IAMs_20	21 06 27.6	
SNZO	South Karori	23.90	39	IAMs_20	IAMs_20	21 06 27.6	
MRZ	Mangatainoka R	24.76	40	Iamb	Iamb	20 58 18.5	-0.4
MRZ	comp-Z,243nm,1.4s			Iamb	Iamb	20 58 26.4	
MRZ	Mangatainoka R	24.76	40	P	P	20 58 18.9	+0.1
BFZ	Birch Farm	24.94	41	P	P	20 58 20.3	-0.2
BFZ	comp-Z,195nm,1.6s			Iamb	Iamb	20 58 24.9	
BFZ	comp-Z,40um,19.0s			IAMs_20	IAMs_20	21 07 20.3	
BFZ	Birch Farm	24.94	41	P	P	20 58 18.6	-1.9
MILA	Mila	25.25	349	P	P	20 58 25.7	+2.3
MILA	Mila	25.25	349	P	P	20 58 23.4	0.0
MILA	Mila	25.25	349	P	P	20 58 23.2	-0.1
AUMTC	Mt Clear Colle	25.38	339	P	P	20 58 27.2	+2.8
TSZ	Takapari Road	25.43	40	P	P	20 58 26.5	+1.6
BRAT	Ballarart	25.43	339	P	P	20 58 26.6	+1.7
AUSMG	Snowy Mountain	25.93	348	P	P	20 58 32.1	+2.6
NGZ	Ngauruhoe	26.13	39	P	P	20 58 31.1	+0.3
BKZ	Black Stump Fm	26.41	40	P	P	20 58 38.4	+4.6
BKZ	Black Stump Fm	26.41	40	P	P	20 58 34.8	+0.9
HIZ	Hauti	26.53	37	IAMs_20	IAMs_20	21 07 25.2	
ARPS	Mount Arapiles	26.56	336	P	P	20 58 36.0	+0.9
ARPS	comp-Z,25nm,1.5s			Iamb	Iamb	20 58 35.5	+0.3
ARPS	Mount Arapiles	26.56	336	P	P	20 58 35.5	+0.3
CNB	Canberra Magne	26.95	350	P	P	20 58 41.0	+2.2
CNB	comp-Z,25nm,1.8s			Iamb	Iamb	20 58 39.8	+0.9
CNB	Canberra	26.98	349	P	P	20 58 43.2	+4.2
CAN	Canberra	26.98	349	P	P	20 58 42.6	+3.6
CAN	Canberra	26.98	349	P	P	20 58 41.1	+2.1
CAN	Canberra	26.98	349	P	P	20 58 41.6	+2.6
CAN	Canberra	26.98	349	P	P	20 58 39.4	+0.4
CAN	comp-Z,208nm,1.7s			pmx	pmx		
CAN	comp-Z,13um,20.0s			MLR	MLR		
CAN	Canberra	26.98	349	P	P	20 58 39.4	+0.4
CAN	comp-Z,208nm,1.7s			Iamb	Iamb	20 58 44.5	
AUMTS	Mt Stromlo	26.98	349	P	P	20 58 41.3	+2.3
AUDAR	Daramalan Coll	27.04	350	P	P	20 58 40.4	+0.9
RTZ	Ruatahuna	27.06	40	P	P	20 58 41.1	+1.3
RTZ	comp-Z,20um,18.0s			IAMs_20	IAMs_20	21 08 24.7	
URZ	Urewera	27.43	40	LR	LR	21 09 50.4	
URZ	comp-Z,21um,18.2s,baz=200,slo=37			LR	LR	21 09 50.4	
URZ	Urewera	27.43	40	P	P	20 58 44.1	+1.1
URZ	Urewera	27.43	40	P	P	20 58 43.6	+0.6
TOZ	Tahuroa Road	27.45	37	IAMs_20	IAMs_20	21 07 52.3	
YNG	Young	28.05	348	P	P	20 58 51.2	+2.6
YNG	comp-Z,34nm,1.8s			Iamb	Iamb	20 58 51.2	+2.6
YNG	Young	28.05	348	P	P	20 58 50.5	+2.0
YNG	comp-Z,94nm,1.8s			Iamb	Iamb	20 58 51.2	+2.6
YNG	Young	28.05	348	P	P	20 58 49.9	+1.4
QSPA	South Pole Qui	28.07	180	P	P	20 58 49.7	+0.9
QSPA	comp-Z,39nm,1.0s,baz=358,slo=3.6,SNR=57			LR	LR	21 10 07.2	
QSPA	comp-Z,24um,19.1s,baz=147,slo=37			LR	LR	21 10 07.2	
QSPA	South Pole Qui	28.07	180	P	P	20 58 49.1	+0.4
QSPA	comp-Z,39nm,1.0s			Iamb	Iamb	20 59 19.5	
QSPA	comp-Z,83nm,1.1s			IAMs_20	IAMs_20	21 10 18.2	
SYDH	Sydney Hard Ro	28.40	353	P	P	20 58 54.4	+2.8
MKZ	Matakoao Point	28.44	41	IAMs_20	IAMs_20	21 08 14.8	
AUCX	Dubbo College	30.08	349	P	P	20 59 09.1	+2.5
HTT	Hallett	30.38	333	P	P	20 59 10.4	+1.1
HTT	Hallett	30.38	333	P	P	20 59 10.9	+1.6
HTT	Hallett	30.38	333	P	P	20 59 09.8	+0.5
HTT	Hallett	30.38	333	P	P	20 59 09.6	+0.3
HTT	Hallett	30.38	333	P	P	20 59 09.9	+0.6
HTT	Hallett	30.38	333	P	P	20 59 10.3	+1.0
HTT	Hallett	30.38	333	P	P	20 59 09.6	+0.3
CMSA	Cobar Meteorol	31.08	345	P	P	20 59 15.9	+0.6
CMSA	comp-Z,50nm,1.7s			Iamb	Iamb	20 59 15.3	-0.1
CMSA	Cobar Meteorol	31.08	345	P	P	20 59 15.0	-0.4
CMSA	comp-Z,50nm,1.7s			Iamb	Iamb	20 59 15.0	-0.4
CMSA	Cobar Meteorol	31.08	345	P	P	20 59 15.8	+0.4
CMSA	comp-Z,50nm,1.7s			Iamb	Iamb	20 59 16.0	+0.6
STKA	Stephens Creek	31.36	338	P	P	20 59 19.2	+1.3
STKA	comp-Z,41nm,1.6s			Iamb	Iamb	20 59 19.2	+1.3
STKA	Stephens Creek	31.36	338	P	P	20 59 18.5	+0.6
STKA	Stephens Creek	31.36	338	P	P	20 59 19.0	+1.0
STKA	comp-Z,35nm,1.1s,baz=172,slo=8.6,SNR=16			LR	LR	21 09 56.7	
STKA	comp-Z,5um,18.8s,baz=159,slo=33			LR	LR	21 09 56.7	
STKA	Stephens Creek	31.36	338	P	P	20 59 18.8	+0.9
STKA	Stephens Creek	31.36	338	P	P	20 59 17.5	-0.4
STKA	Stephens Creek	31.36	338	P	P	20 59 17.1	-0.4
STKA	Stephens Creek	31.36	338	P	P	20 59 19.1	+1.2
STKA	Stephens Creek	31.36	338	P	P	20 59 19.1	+1.2
BBOO	Bucklebo	31.64	329	P	P	20 59 21.0	+0.7
BBOO	comp-Z,59nm,1.3s			Iamb	Iamb	20 59 21.0	+0.7

BBOO	Bucklebo	31.64	329	P	P	20 59 20.4	+0.1
BBOO	comp-Z,59nm,1.3s			Iamb	Iamb	20 59 20.4	+0.1
BBOO	Bucklebo	31.64	329	P	P	20 59 19.9	-0.5
BBOO	comp-Z,59nm,1.3s			Iamb	Iamb	20 59 19.9	-0.5
BBOO	Bucklebo	31.64	329	P	P	20 59 21.1	+0.7
BBOO	comp-Z,59nm,1.3s			Iamb	Iamb	20 59 21.1	+0.7
BBOO	Bucklebo	31.64	329	P	P	20 59 21.0	-0.2
BBOO	comp-Z,59nm,1.3s			Iamb	Iamb	20 59 21.0	-0.2
BBOO	Bucklebo	31.64	329	P	P	20 59 20.4	+0.1
BBOO	comp-Z,59nm,1.3s			Iamb	Iamb	20 59 20.4	+0.1
BBOO	Bucklebo	31.64	329	P	P	20 59 20.9	+0.7
BBOO	comp-Z,59nm,1.3s			Iamb	Iamb	20 59 20.9	+0.7
ARMA	Armida	31.68	355	P	P	20 59 21.7	+0.8
ARMA	comp-Z,57nm,2.7s			Iamb	Iamb	20 59 21.7	+0.8
ARMA	Armida	31.68	355	P	P	20 59 21.0	+0.1
ARMA	comp-Z,57nm,2.7s			Iamb	Iamb	20 59 21.0	+0.1
ARMA	Armida	31.68	355	P	P	20 59 20.4	-0.5
ARMA	comp-Z,59nm,2.7s			Iamb	Iamb	20 59 20.4	-0.5
ARMA	Armida	31.68	355	P	P	20 59 20.8	-0.1
ARMA	comp-Z,59nm,2.7s			Iamb	Iamb	20 59 21.0	+0.1
ARMA	Armida	31.68	355	P	P	20 59 23.7	
ARMA	comp-Z,65nm,1.2s			Iamb	Iamb	20 59 21.0	+0.1
ARMA	Armida	31.68	355	P	P	20 59 21.0	+0.1
AULRC	Lightning Ridg	32.91	349	P	P	20 59 32.7	+1.2
UTOO	Toowoomba Sta	34.52	355	P	P	20 59 47.6	+2.0
UTOO	Toowoomba Sta	34.52	355	P	P	20 59 49.0	+3.3
INKA	Innaminka	35.55	338	P	P	20 59 53.7	-0.7
RMQ	Roma	35.77	351	P	P	20 59 57.5	+1.2
RMQ	comp-Z,40nm,1.3s			Iamb	Iamb	20 59 56.8	+0.5
RMQ	Roma	35.77	351	P	P	20 59 56.8	+0.5
RMQ	comp-Z,40nm,1.3s			Iamb	Iamb	20 59 56.8	+0.5
RMQ	Roma	35.77	351	P	P	20 59 58.5	+2.3
RMQ	comp-Z,46nm,1.2s			Iamb	Iamb	20 59 56.5	+0.1
FOR	Forrest	35.80	318	P	P	20 59 55.9	-0.6
FOR	comp-Z,46nm,1.2s			Iamb	Iamb	20 59 55.9	-0.6
FOR	Forrest	35.80	318	P	P	20 59 55.6	-0.8
FOR	comp-Z,46nm,1.2s			Iamb	Iamb	20 59 55.6	-0.8
FOR	Forrest	35.80	318	P	P	20 59 54.8	-1.7
MAW	Mawson	36.10	221	P	P	21 00 00.7	+2.0
MAW	Mawson	36.10	221	P	P	21 00 00.0	+1.3
MAW	Mawson	36.10	221	P	P	20 59 59.6	+0.9
MAW	Mawson	36.10	221	P	P	21 00 00.7	+2.0
MAW	comp-Z,30nm,1.1s,baz=121,slo=9.8,SNR=16			LR	LR	21 15 04.7	
MAW	comp-Z,37um,18.1s,baz=118,slo=37			LR	LR	21 15 04.7	
MAW	comp-Z,30nm,1.1s			Iamb	Iamb	20 59 58.7	0.0
MAW	Mawson	36.10	221	P	P	20 59 00.9	+2.2
MAW	Mawson	36.10	221	P	P	21 00 00.3	+0.8
QLP	Quilpie	36.15	344	P	P	21 00 03.0	+0.8
QLP	comp-Z,159nm,1.5s			Iamb	Iamb	21 00 03.0	+0.8
QLP	Quilpie</						

1d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Port Moresby, Mirauke, AFI Afiamalu, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like Lembang, JCI Jatiwangi, LUWI Luwik, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BO04, VA05 Santo Domingo, MT09 Talagante, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like MALK Mahaknadarawa, MSEY Mahe Island, PB08 IPOC Station P, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like KSXB Camp Six Broad, WUAZ Wupa, AAK Ala-Archa, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like BORK Borovoye, NAX Nakhchivan, M26K Nabesna, etc.

1d 21h

2020 DEC

Table with multiple columns: Station Name, Frequency, Mode, Power, and various technical parameters. Includes stations like TIRR, TLBR, TLR, etc., and technical details like SNR, SNR=2, etc.

1d 21h

Table of station data for 1d 21h, including columns for station name, coordinates, elevation, and status.

2020 DEC

Table of station data for 2020 DEC, including columns for station name, coordinates, elevation, and status.

48

Table of station data for 48, including columns for station name, coordinates, elevation, and status.

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

MEX 01 21:11.9.0.7, 14:51N:92:70W, h10km, 8km, MD3.9, Presumed earthquake

CGC 01 21:11.1.9.0.3, 14:88N:92:37W, h71km, 8km, MD3.6, Presumed earthquake

ISG 01 21:11.08.2.1, 8:14AN:01:52:52W, 0.09, h74km, 21km, n12, c20/23, Near coast of Chiapas

Table of station data for MEX, CGC, and ISG, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

ROM 01 21:11.13.7.0.1, 42:770N:0:005:12:91E, 0:01, h8km, 1km, s-min=19.5km, az=80.0, Central Italy

Table of station data for ROM, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

IDC 01 21:12:42.0.3.6, 19:35N:145:62E, h153km, 35km, mb3.6/10, mbtmp4.1/11, Error ellipse: s-maj=29.1km s-min=19.5km, az=93.0

NEIC 01 21:12:42.2.0.8, 19:3N:0:1x145:6E:0.1, h147km, 8km, mb4.3/28, Error ellipse: s-maj=19.5km s-min=12.8km, az=49.0

ISC 01 21:12:41.6.0.6, 19:35N:0:09:145:6E:0.2, h147km, n48, c072/45, mb4.2/24, Mariana Islands

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

1d 23h

Table of station data for 1d 23h, including call signs (e.g., O02D, MOD), coordinates, and status indicators.

2020 DEC

Table of station data for 2020 DEC, including call signs (e.g., BMRD, CMAR), coordinates, and status indicators.

50

Table of station data for 50, including call signs (e.g., UGM, WJWI), coordinates, and status indicators.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Carnagh Statio, Te Karaka, Matawai, Rimuhau, etc.

REN 01 23:10:47.1±0.8,39.47N±0.01x119.37W±0.02,h13km±1km, Error ellipse: s-maj=2.1km s-min=1.7km az=215.0

NEIC 01 23:10:47.0±0.8,39.49N±0.01x119.37W±0.01,h7km±4km, ML3.9/56,ML3.9/7(REN),Error ellipse: s-maj=1.8km s-min=1.5km az=202.0,Nevada

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pah Rah Range, Reno, Pine Nut, etc.

Table with columns: SUTB, Sutter Butte, BME, Battle Mountain, etc. Includes station codes and coordinates.

ICC 01 23:16:14.0±1.1,32.66N±142.11E,h0km,mb3.7/7, mbtmp3.7/9,ML3.3/2,MS4.0/3,Error ellipse: s-maj=24.8km s-min=12.9km az=66.0

JMA 01 23:16:18.5±0.7,33.1N±3.14E±2.1E,h68km,MV3.5/16,E OFF HACHIOJIMA ISLAND

ISC 01 23:16:18.0±0.9,32.44N±0.07x141.88E±0.10,h39km,n23, ±205/16,mb3.7/7,Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAOM, JU2, JHJ, etc.

GUC 01 23:17:11.4±0.5,38.26S±75.67W,h17km±14km,ML3.7, Presumed earthquake

ICC 01 23:17:15.7±1.9,38.10S±75.42W,h0km,mb3.5/2, mbtmp3.6/5,ML3.9/3,Error ellipse: s-maj=28.2km s-min=17.7km az=63.0

SJA 01 23:17:16.4±1.0,38.34S±75.26W,h40km,ML3.8,MW4.0 ISC 01 23:17:18.7±1.2,38.27S±0.05x75.23W±0.08,h35km,n30, ±126/39,1C,Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BI04, DZM, etc.

Table with columns: LR04, Corral, Panguipulli, etc. Includes station codes and coordinates.

SDD 01 23:17:57.4±0.7,18.68N±70.79W,h52km±12km,MD2.9, ML2.5,MW2.9,Presumed earthquake

OSPL 01 23:18:08.2±0.9,18.23N±71.42W,h6km±24km,ML1.7, Presumed earthquake

ISC 01 23:17:57.5±1.7,18.62N±0.09x70.86W±0.09,h35km,n9, ±259/10,5C-1D,Dominican Republic region

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

SSNC 01 23:29:09.0±0.7,17.84N±70.97W,h20km±12km,MD3.6, ML2.8,Presumed earthquake

OSPL 01 23:29:09.2±1.5,18.83N±70.18W,h92km±9km,ML3.0, Presumed earthquake

SDD 01 23:29:10.2±2.2,18.81N±70.28W,h86km±9km,MD3.2, ML3.2,MW3.5,Presumed earthquake

ISC 01 23:29:07.8±1.4,18.85N±0.04x70.27W±0.03,h96km±8km, n32,±196/54,29C-3D,Dominican Republic region

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

1d 23h

Table with columns: Station Name, Time, Res, Phase ID, and various data points. Includes stations like ZRO, AKBBA, LVA, AKV, AKL, etc.

2020 DEC

Table with columns: Station Name, Time, Res, Phase ID, and various data points. Includes stations like K29M, N31M, H29M, C26K, PETK, etc.

54

Table with columns: Code, Station Name, Time, Res, Phase ID, and various data points. Includes stations like INH, MARNC, RTV, DVP, etc.

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	ISC	h	m	s	ISC
YKLR				23 38 49.6						
OGRR	Onegurey	4.39 238	ePg	Pb	Sb					
OGRR				23 37 53.5 +0.9						
OGRR				23 38 50.2 +4.7						
OGRR	comp=E,54nm,0.8s									
OGRR	comp=E,167nm,0.8s									
OGRR	Onegurey	4.39 238	PN	Pb	Pb					
OGRR				23 37 53.5 +0.9						
OGRR				23 38 50.2						
GORB	Goryachinsk	4.51 229	ePg	Pb	Sb					
GORB				23 37 56.7 +2.0						
UZUR	Uzur	4.52 235	ePg	Pb	Sg					
UZUR				23 37 56.2 +1.4						
UZUR				23 38 55.3 -5.1						
UZUR	comp=E,48nm,1.1s									
UZUR	comp=E,195nm,1.7s									
KELR	Kotokel	4.76 228	ePg	Pb	Sg					
KELR				23 38 00.7 +1.8						
KELR				23 39 03.1 -5.1						
KPC	Khapcheranga	6.47 189	ePN	Pb	Sg					
KPC				23 38 08.9 -1.9						
KPC				23 39 28.2						
KPC				23 39 51.6						
KPC	comp=Z,5.0nm,0.5s									
KPC	comp=Z,0.3nm,0.7s									
IRK	Irkutsk	6.83 240	ePg	Pb	Sb					
IRK				23 38 39.4 +5.1						
IRK				23 40 07.0						
IRK	comp=Z,126nm,0.1s									
IRK	comp=Z,143nm,0.2s									
HILR	Hailar Array B	7.46 149	Pn	Pn	Pn					
HILR	baz=323,slow=13									
HILR	baz=350,slow=32									
HILR				23 40 24.1						
HILR				23 40 48.2						
HILR	comp=E,130nm,19.8s,baz=95,slow=35									
HILR	comp=E,2.3nm,0.3s									
TLY	Talaya	7.49 238	Lg	Lg	Lg					
TLY				23 40 25.9						
TLY	comp=E,1.0nm,0.3s,baz=81,slow=19,SNR=5.1									
TLY	Talaya	7.49 238	iP	Pn	Pn					
TLY				23 38 24.3 -0.4						
ULN	Ulaanbaatar	9.26 210	iP	Pn	Pn					
ULN				23 38 49.3 +0.3						
SOMM	Songino Array	9.47 212	Pn	Pn	Pn					
SOMM				23 38 52.1 +0.2						
SOMM	comp=E,0.2nm,0.3s,baz=19.17,slow=11,SNR=2.0									
SOMM	comp=E,1.2nm,0.3s,baz=20,slow=22,SNR=17									
SOMM	comp=E,0.3nm,0.7s									
SOMM	comp=E,1.2nm,0.3s,baz=20,slow=22,SNR=17									
SOMM	comp=E,0.3nm,0.7s									
SOMM	comp=E,1.2nm,0.3s,baz=20,slow=22,SNR=17									
SOMM	comp=E,0.3nm,0.7s									
SOMM	comp=E,1.2nm,0.3s,baz=20,slow=22,SNR=17									
SOMM	comp=E,0.3nm,0.7s									

IDD 01 23:43:09.2.0.8.38' 19N-118:01'W, h0km, mb3.6/2, mbmp3.7/11, ML3.3/9, MS3.5/2, Error ellipse: s-maj=10.8km s-min=7.6km az=56.0, n110, a092/125, mb3.6/3, California-Nevada border region

ISC 01 23:43:08.8.0.8.38' 15N.0.02-118:07'W.0.02, h6km,5km, n110, a092/125, mb3.6/3, California-Nevada border region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	ISC	h	m	s	ISC
COLR	Columbus	0.01 114	Op	23 43 10.0 -0.2						
COLR				23 43 11.1 0.0						
COLR				23 43 13.3 -0.2						
COLR				23 43 18.3 -0.1						
COLR				23 43 18.7						
COLR				23 43 18.9						
COLR				23 43 18.8 -0.2						
COLR				23 43 14.9 -0.1						
COLR				23 43 14.9 -0.2						
COLR				23 43 15.1 -0.2						
COLR				23 43 15.2 -0.1						
COLR				23 43 15.2 -0.2						
COLR				23 43 14.6 -0.7						
COLR				23 43 19.9						
COLR				23 43 15.4 -0.1						
COLR				23 43 15.3 -0.2						
COLR				23 43 15.0 -0.2						
COLR				23 43 16.0 +0.3						
COLR				23 43 20.7 +0.4						
COLR				23 43 22.4						
COLR				23 43 22.7						
COLR				23 43 20.0 -0.3						
COLR				23 43 28.0 -0.1						
COLR				23 43 21.5 -0.3						
COLR				23 43 30.7 +0.1						
COLR				23 43 37.1						
COLR				23 43 22.5 +0.1						
COLR				23 43 32.2 +0.7						
COLR				23 43 38.1						
COLR				23 43 24.5 +0.4						
COLR				23 43 35.9 -0.5						
COLR				23 43 25.1 -0.6						
COLR				23 43 36.7 -0.5						
COLR				23 43 38.2 -0.2						
COLR				23 43 38.9 -0.2						
COLR				23 43 25.1 -1.0						
COLR				23 43 36.1 -1.7						
COLR				23 43 42.2						
COLR				23 43 42.6						
COLR				23 43 27.0 -0.1						
COLR				23 43 40.0 -0.8						
COLR				23 43 40.4						
COLR				23 43 40.8						
COLR				23 43 26.7 -0.8						
COLR				23 43 39.0 -0.4						
COLR				23 43 42.7						
COLR				23 43 27.7 +0.2						
COLR				23 43 41.1 -0.4						
COLR				23 43 39.2 -0.1						
COLR				23 43 44.2 +0.2						
COLR				23 43 30.5 +0.1						
COLR				23 43 45.8 -0.7						
COLR				23 43 50.6						
COLR				23 43 31.4 -1.2						
COLR				23 43 47.9 -0.7						
COLR				23 43 33.2 -0.1						
COLR				23 43 57.5						
COLR				23 44 00.8						
COLR				23 43 35.3 -0.1						
COLR				23 43 35.6 0.0						
COLR				23 43 36.3 -0.3						
COLR				23 43 42.2 -0.1						
COLR				23 43 38.2 +0.2						
COLR				23 43 40.1 0.0						
COLR				23 43 39.6 +0.6						
COLR				23 43 39.6 +0.3						
COLR				23 43 40.0 -0.1						
COLR				23 44 08.4						
COLR				23 44 09.2						
COLR				23 43 40.4 -0.4						
COLR				23 44 09.2						
COLR				23 43 40.8 -0.6						
COLR				23 44 09.2						
COLR				23 43 41.4 -0.3						
COLR				23 44 13.8						
COLR				23 44 17.4						
COLR				23 43 41.9 -0.1						
COLR				23 43 42.0 +0.5						
COLR				23 43 42.6 +0.4						
COLR				23 44 17.9						
COLR				23 43 43.2 -0.2						
COLR				23 43 44.2 +0.4						
COLR				23 43 44.1 +0.2						
COLR				23 43 46.3 -0.7						
COLR				23 43 46.5 +1.4						
COLR				23 43 44.9 -0.3						
COLR				23 43 46.8 +0.7						
COLR				23 44 26.9						
COLR				23 44 37.0						
COLR				23 43 48.8 +0.7						
COLR				23 43 47.7 -0.7						
COLR				23 44 24.2						
COLR				23 44 25.						

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Columbus, Mina Array Sit, and various other locations.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Kanab, Pinyon Flats, and various other locations.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SHLS, SHLKS, TARG, and various other locations.

NNC 02:00:21.34:2.0.5, 4.2:81N:78:10E, h0km, mb2.9, mpv3.0, Error ellipse: s-maj=4.9km s-min=1.8km az=170.0

IDC 02:00:21.45:3.1.2, 14:72S:168:01E, h0km, mb4.1/8, mbmp4.09, ML3.7/1, MS3.7/2, Error ellipse: s-maj=34.5km s-min=20.9km az=120.0

NEIC 02:00:21.47:5.1.6, 14:8S:0:1x168:1E:0:2, h10km, 1jkm, mb4.4/12, Error ellipse: s-maj=30.8km s-min=14.6km

ISC 00:21:50.6:0.9, 14:31S:0:09:168:1E:0:1, h36km, n29, s=17/28, mb4.3/13, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KOUNC, DZM, DZM, and various other locations.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Forreast, Fitzroy Cross, Somino, Castle Rocks, Elselon Array, etc.

NNC 02 00:36:03.2, 5.7, 36.86N, 70.01E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=53.7km s-min=29.2km az=161.0

ISC 02 00:36:18.2, 3.8, 38.04N, 70.56E, h0km, mb3.7/4, mbmp3.7/10, ML3.2/6, MS3.2/1, Error ellipse:

s-maj=61.0km s-min=17.3km az=155.0

ISC 02 00:36:25.7, 1.6, 38.7N, 70.1, h10km, n22,

1579/24, 4C, Tajikistan

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Karatay Array, Erkin-Say, Uchtor, Ala-Archa, etc.

SOME 02 00:54:37.8, 38.42N, 76.08E, h15km

NEIC 02 00:54:41.7, 1.1, 38.40N, 0.08, 75.5E, 0.1, h140km, 12km

mb4.1/5, Error ellipse: s-maj=13.9km s-min=10.6km

az=113.0

ISC 02 00:54:44.4, 4.9, 38.60N, 75.73E, h160km, 52km, mb3.4/5,

mbmp3.8/11, MS3.0/2, Error ellipse: s-maj=104.0km

s-min=25.4km az=5.0

NNC 02 00:54:45.4, 3.2, 38.42N, 74.79E, h108km, 39km, mb3.0,

mpv3.6, Error ellipse: s-maj=26.0km s-min=18.7km

az=169.0

ISC 02 00:54:40.3, 0.6, 38.27N, 0.05, 75.41E, 0.08, h150km, n70,

1588/66, mb4.0/7, 3C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DRK, NRN, ARSB, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MDOK Medeo, KOTS, SATY, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like JMU, UZB, KURS, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

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Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURS, KPKS, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAM2, GMLD, etc.

ATH 02 01:01:57.4, 37.85N, 26.85E, h16km, ML2.9/10, Latitude

uncertainty: 0 km; Longitude uncertainty: 0 km

ISK 02 01:01:57.9, 37.86N, 26.87E, h6km, ML3.3/22

THE 02 01:01:58.0, 37.9N, 0.9, 26.9E, 0.5, h12km, 1km, M3.1/9,

ML3.1/9

AFAD 02 01:01:58.3, 37.87N, 26.87E, h7km, 2km, ML2.9

ISC 02 01:01:57.9, 0.6, 37.85N, 0.02, 26.85E, 0.02, h14km, 5km,

n59, 4846/60, Dodecanese Islands

ISC 02 01:23:06.4, 1.0, 4.36S, 69.75E, h0km, mb3.7/9,

mbmp3.8/10, ML4.6/1, MS3.4/3, Error ellipse:

s-maj=28.0km s-min=19.5km az=64.0

NEIC 02 01:23:10.1, 0.9, 4.11S, 0.08, 70.2E, 0.1, h10km, 1km,

mb4.5/9, Error ellipse: s-maj=18.1km s-min=13.2km

az=90.0

ISC 02 01:23:08.6, 0.6, 4.16S, 0.06, 69.98E, 0.09, h10km, n33,

1534/35, mb4.1/14, MS3.4/3, Chagos Archipelago

region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAHE Island, Pallekele, Hyderabad, Kabul, etc.

ICD 02 01:30:43.62.3.973S-149.19E, h0km, mb3.7k, mtbpm3.75, ML3.41, Error ellipse: s-maj=56.4km s-min=41.7km az=115.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Fitzroy Crossi, etc.

ICD 02 01:32:38.2.19.0.23.88N-124.97E, h0km, mb3.5/5, mtbpm3.5/5, Error ellipse: s-maj=484.7km s-min=50.0km az=3.0

TAP 02 01:33:26.8.25.51N-122.88E, h242km, ML4.2, D JMA 02 01:33:28.0.4.25.51N-122.88E, h1.0, h241km, 4km, MW3.31, NW OFF ISHIGAKIJIMA IS

ISC 02 01:33:25.6.1.0.25.40N-0.08-122.71E-0.04, h259km, 7km, n69, n1847/125, mb3.25, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pengchayui, Grass Mountain, Shuangxi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Emei, Fushou, Tachien, etc.

MOS 02 01:52:00.4.43.40N-39.33E, h7km, MPVA3.7 AFAD 02 01:52:04.2.42.91N-39.64E, h7km, 2km, ML2.2

ISC 02 01:51:59.0.1.3.43.29N-0.03-99.23E-0.02, h1km, 10km, n35, n131/67, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sochi, Vesolyoye, Maryino, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BAYB, EPOS, DIGR, etc.

ICD 02 02:13:14.8.0.1.52.77N-168.38W, h0km, mb3.8/14, mtbpm3.8/15, ML3.6/1, MS3.2/2, Error ellipse: s-maj=29.2km s-min=15.3km az=164.0

NEIC 02 02:13:18.8.2.1.52.77N-168.38W-0.06, h36km, 9km, mb3.9/24, ML4.2/16, ML3.8(AEIC), Error ellipse: s-maj=9.0km s-min=2.0km az=145.0

AEIC 02 02:13:19.2.2.6.52.76N-168.27W-0.06, h50km, 6km, Error ellipse: s-maj=5.9km s-min=4.2km az=163.0

ISC 02 02:13:18.8.2.1.52.77N-168.38W-0.05, h2km, 15km, n92, n180/92, mb3.9/15, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Nikoh, Okmok, etc.

MOS 02 01:52:00.4.43.40N-39.33E, h7km, MPVA3.7 AFAD 02 01:52:04.2.42.91N-39.64E, h7km, 2km, ML2.2

ISC 02 01:51:59.0.1.3.43.29N-0.03-99.23E-0.02, h1km, 10km, n35, n131/67, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Westdahl Cape, Westdahl Peak, Sand Point, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like H112 WAKE ISLAND, H113 WAKE ISLAND, H111 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

ADC 02:02:15:32.4.9.1, 19.04Sx176.67W, h0km, mb3.7/2, mbtmp3.7/2, Error ellipse: s-maj=421.7km s-min=68.7km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

ADC 02:02:22:35.1.1.6, 16.05Sx174.10W, h0km, mb3.9/6, mbtmp2.9/6, Error ellipse: s-maj=101.1km s-min=22.1km az=147.0

NEIC 02:02:22:46.3.1.1, 16.22S.0.1x174.0W.0.1, h85km, 7km, mb4.1/9, Error ellipse: s-maj=19.0km s-min=13.7km az=110.0

ISC 02:02:22:49.5.1.3, 16.22S.0.5x174.1W.0.3, h115km, n28, o544/28, mb4.0/11, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, STKA Stephens Creek, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like F19K Shalericuk Mo, F19K Shalericuk Mo, F19K Shalericuk Mo, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SONM Songoing Array, MKAR MKAR Array, KURBB Kurchatov Arra, etc.

NEIC 02:02:23:44.8.38.19N:118.05W, h12km
NEIC 02:02:23:44.7.1.3.38.18N:0.01x118.07W:0.01, h7km, 2km, mb4.3/20, ML4.3/150, Mw4.1/11, ML4.4/11 (REM), Error ellipse: s-maj=2.7km s-min=1.4km az=201.0, Moment tensor: Moment tensor: Scale 10^15 Nm, M1: -0.39; M2: 0.16; M3: 0.23; M4: -0.14; M5: 0.32; Fault plane solution: M1: 94000x10^15 Np1: phi=180.27000; delta=82.88000; lambda=168.34000; NP2: phi=88.81000; delta=78.43000; lambda=7.27000; Principal axes: T 2.0825, Plg3.0000, Azm314.0000; N -0.3159, Plg76.0000, Azm211.0000; P -1.7667, Plg13.0000, Azm45.0000;

REN 02:02:23:45.0.1.4.38.18N:0.02x118.07W:0.02, h4km, 6km
Error ellipse: s-maj=3.4km s-min=1.4km az=219.0
IDC 02:02:23:45.8.0.7.38.17N:118.01W, h0km, mb4.2/6, mbtmp4.0/13, ML3.4/8, MS3.0/1, Error ellipse: s-maj=10.5km s-min=7.4km az=55.0

ISC 02:02:23:45.1.0.8.38.18N:0.02x118.06W:0.02, h6km, 5km, n152, o1902/160, mb4.3/8, California-Nevada border

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like COLR Columbus, NV11 Mina Array Sit, NV11 Mina Array Sit, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NV06 Mina Array Sit, NV07 Mina Array Sit, NV08 Mina Array Sit, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR Mina Array Be, NVAR Mina Array Be, NVAR Mina Array Be, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CCCA Chr Cany lake, LRMCC Laurel Mtn Rad, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SHPR Shepp Range, SHPR Shepp Range, SHPR Shepp Range, etc.

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like DHIG, VTVM, Tizayuca, CRIG, Gomez Farias, etc.

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like SDV, SJG, TAOE, YKA, RPNI, etc.

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like UGM, Wanaagama, WAG, WAG, etc.

ADC 02 03:04:26.5:1.0, 6:22S; 103°75E, h0km, mb4.0/10, mbmp4.1/11, ML4.1/11, MS3.0/5, Error ellipse: s-maj=34.7km s-min=19.4km az=39.0 NEIC 02 03:04:31.9:1.8, 6:15S; 040°103°76E:0.07, h3km±1km, mb4.4/2.0, Error ellipse: s-maj=10.9km s-min=6.1km az=82.0 DJA 02 03:04:32.0:0.8, 6:33:3.7, h19km, 6km, M4.5/11, MB4.9/11, mb4.7/2, mb4.7/2, mb4.9/1, ML4.4/14, ML4.4/16, ML4.4/11, Mw(MB)4.2/1, ISC 02 03:04:27.8:3.0, 6:18S; 020°103°78E:0.06, h11km, 19km, n72, c0:88/67, mb4.3/21, MS3.0/4, Southwest of Sumatra

Table with columns: Code, Station Name, A, Z, P, Phase, ID, Time, Res, and various parameters. Includes stations like MDSI, CGJI, MNAI, etc.

Table with columns: Code, Station Name, A, Z, P, Phase, ID, Time, Res, and various parameters. Includes stations like B3R1, AKAS, TXAR, etc.

IDC 02 03:20:17.9:3.0, 32:40Sx178:26W, h0km, mb3.6/2, mbmt3.6/3, ML3.2/1, Error ellipse: s-maj=71.4km s-min=36.7km az=116.0, South of Kermadec Islands Code Station Name A Z P Phase ID Time Res

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty.

Table with 5 columns: TORD, Torodi Ar. Bea, 122.53 280 PKP, PKPdf, 05 12 35.2 -0.5, 05 12 35.1 -0.6

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

THE 02 05:04:07.0, 42°N, 3°2'1E, h0km, 5km, M2.5/8, MLh2.5/8

Presumed earthquake PDG 02 05:04:07.0, 41.63N, 20.89E, h4km, 1km, ML2.8/13

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: PLE, Plijevija, 2.01 328, Pn, 05 04 42.0 -0.1

IDC 02 05:04:25.3, 2.2, 1.28S, 126.56E, h0km, mb3.2/3

DJA 02 05:04:27.0, 0.6, 1°S, 3°12'8E, 1.4, h10km, MK3.1/5

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

ASAR Alice Springs 23.42 165, P, 05 09 35.9 -0.2

MKAR Makanchi Array 61.87 326, P, 05 14 44.7 -1.2

NEIC 02 06:08:22.4, 1.5, 38°17'N, 0°01'118.08W, 0.01, h8km, 2km

REN 02 06:08:22.4, 1.1, 38°16'N, 0°00'9118.09W, 0.01, h4km, 2km

IDC 02 06:08:25.5, 0.9, 38°44'N, 118°04'W, h0km, mb3.4/1

ISC 02 06:08:23.6, 0.7, 38°15'N, 0°02'118.09W, 0.02, h10km, n83

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: PAHR, comp=E, 289nm, 1.0s, IAML, 06 09 23.8

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

PRN Pahroc Range 2.52 106, IAML, 06 09 04.0 -0.7

SHOC Shoshone, Teco 2.68 147, IAML, 06 09 08.0 +1.2

SHOC comp=E, 231nm, 1.1s, IAML, 06 09 13.6

BBG Big Mountain B 2.83 237, Pn, 06 09 09.4 +0.5

GSC Goldstone, Bar 3.03 160, IAML, 06 10 07.2

GSC comp=E, 175nm, 1.6s, IAML, 06 10 21.4

SUTB Sutter Butte 3.09 291, IAML, 06 10 06.9

SUTB comp=N, 152nm, 0.8s, IAML, 06 10 09.5

HULI Fort Hunter Li 3.30 231, Pn, 06 09 14.8 -0.5

HULI comp=E, 69nm, 1.6s, IAML, 06 10 25.6

ELK Elko 3.40 40, Pn, 06 09 16.2 -0.6

ELK comp=N, 2.7nm, 0.3s, baz=224, slow=15, IAML, 06 09 24.4 +0.4

ELK baz=216, slow=16, IAML, 06 09 55.1 -2.2

ELK comp=N, 3.4nm, 0.3s, baz=254, slow=14, SNR=4.2, IAML, 06 10 05.5

ELK comp=N, 1.2nm, 0.3s, baz=172, slow=19, SNR=9.1, IAML, 06 10 05.5

ELK Elko 3.40 40, Pn, 06 09 16.0 -0.9

CVS Carnet Viney 3.45 275, Pn, 06 09 18.2 +0.9

CVS comp=E, 70nm, 1.8s, IAML, 06 10 16.8

O03E Paynes Creek 3.59 308, IAML, 06 10 23.3

O03E comp=N, 78nm, 0.7s, IAML, 06 10 24.9

LCMT Little Creek M 4.01 105, Pn, 06 09 24.6 -0.6

KNB Kanab 4.33 104, Pn, 06 09 29.5 -0.2

PFO Pinyon Flats O 4.72 183, Pn, 06 09 41.7 -4.8

PFO comp=E, 0.3nm, 0.3s, baz=344, slow=15, SNR=4.1, IAML, 06 10 58.9

PFO comp=E, 0.4nm, 0.3s, baz=18, slow=18, SNR=3.9, IAML, 06 10 58.9

PFO YBHA Yreka Blue Hor 5.04 317, Pn, 06 09 40.5 +1.2

YBHA comp=E, 0.4nm, 0.3s, baz=101, slow=19, SNR=8.3, IAML, 06 11 01.5

YBHA comp=E, 1.1nm, 0.3s, baz=185, slow=6.6, SNR=4.1, IAML, 06 11 01.5

YBHA YBHD Pinedale Array 7.97 52, Pn, 06 10 23.4 +3.8

PDAR TXAR Lajitas Array 14.86 122, Pn, 06 12 01.6 +1.9

TXAR baz=301, slow=18, SNR=2.4, IAML, 06 12 46.8 +8.2

TXAR comp=E, 0.1nm, 0.3s, baz=260, slow=17, SNR=4.0, IAML, 06 16 14.2

TXAR comp=E, 0.2nm, 0.3s, baz=246, slow=31, SNR=6.6, IAML, 06 18 35.5

ILAR Eielson Array 31.58 337, P, 06 14 47.7 +1.8

ILAR comp=E, 0.5nm, 0.8s, IAML, 06 14 47.7 +1.8

NNC 02 06:13:18.3, 1.2, 45°45'N, 84°69E, h0km, mb3.8, mpv3.4

SOME 02 06:13:18.5, 45°47'N, 84°58E, h15km

Table with 5 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC

2d 7h

XAN	XAN	comp=Z,130nm,15.1s							
XAN	Xi'an	30.68 292	P	P		07 36 54.2	-0.5		
CD2	Chengdu	35.06 286	P	P		07 37 32.3	-0.7		
LZDM	Lanzhou Array	35.08 295	P	P		07 37 33.4	0.0		
LZDM	comp=Z,58nm,19.9s,baz=235,slow=39					07 53 28.6			
ULN	Ulaanbaatar	35.31 316	eP	P	pmax	07 37 36.3	+1.2		
SOMM	Songino Array	35.71 316	P	P		07 37 38.9	+0.5		
SOMM	comp=Z,2.4nm,0.5s,baz=125,slow=9.7,SNR=16					07 40 06.3	-0.2		
YAK	Yakutsk	36.21 349	eP	P	pmax	07 37 42.0	-0.4		
SEY	Seymchan	36.33 71j	eP	P	pmax	07 37 43.5	+0.1		
GT2	Gaotai	38.45 300	eP	P	pmax	07 38 01.7	-0.2		
ZAK	Zakamensk	38.56 318	eP	P	pmax	07 38 03.5	+0.9		
TLY	Talaya	38.85 320	eP	P	pmax	07 38 04.6	-0.4		
CMAR	Chiang Mai Arr	42.01 268	P	P		07 38 31.5	0.0		
CMAR	comp=Z,0.9nm,0.4s,baz=59,slow=7.5,SNR=4.4					07 54 30.4			
CMAR	Chiang Mai Arr	42.01 268	eP	P	pmax	07 38 33.4	+1.9		
KNGR	Kungurtug, Tuv	42.12 317	eP	P	pmax	07 38 32.0	-0.1		
BILL	Bilibino	43.20 12	eP	P	pmax	07 38 41.0	+0.6		
BILI	Bilibino, Chuk	43.24 12	P	P		07 38 40.7	-0.1		
KNRA	Kunurrua	44.90 201	P	P		07 38 54.0	-0.7		
TIXI	Tiksi	45.40 353j	eP	P	pmax	07 38 58.3	+0.3		
TIXI	Tiksi	45.40 353	P	P		07 38 57.4	-0.6		
TIXI	Tiksi	45.40 353	P	P		07 38 59.0			
TIXI	Tiksi	45.40 353	P	P		07 38 59.5			
TIXI	Tiksi	45.40 353	P	P		07 38 59.5			
TIXI	Tiksi	45.40 353	P	P		07 38 59.5			
CTA	Charters Tower	46.92 177	P	P		07 39 08.6	-2.0		
CTAO	Charters Tower	46.92 177	P	P	pmax	07 39 10.2	-0.4		
CTAO	Charters Tower	46.92 177	P	P		07 39 10.2	-0.4		
BRDH	Bariadha Arr	47.20 277	LR	LR		07 59 40.9			
WBO	Warramunga Arr	47.42 192	P	P		07 39 12.7	-1.8		
QIS	Mount Isa	47.50 185	P	P		07 39 12.7	-2.4		
WR8	Warramunga Arr	47.58 192	P	P		07 39 14.0	-1.8		
WRAB	Tennant Creek	47.59 192j	eP	P	pmax	07 39 13.5	-2.3		
WRAB	Tennant Creek	47.59 192	P	P		07 39 14.1	-1.7		
WRAB	Tennant Creek	47.59 192	P	P		07 39 14.4	-1.3		
WRA	Warramunga Arr	47.60 192	P	P		07 39 14.1	-1.8		
FITZ	Fitzroy Crossi	48.20 203	P	P		07 39 13.8	-2.1		
FITZ	Fitzroy Crossi	48.20 203	P	P		07 39 19.2	-1.3		
FITZ	Fitzroy Crossi	48.20 203	P	P		07 39 19.6	-0.9		
FITZ	Fitzroy Crossi	48.20 203	P	P		07 39 19.2	-1.3		
EVN	Everest	50.10 285	P	P		07 39 35.3	-0.6		
ZALV	Zalesovo Beam	50.43 319	P	P		07 39 38.0	+0.8		
ZALV	comp=Z,2.0nm,0.4s,baz=104,slow=2.8,SNR=5.5					07 40 55.1	-0.3		
AS31	Alice Springs	51.31 192	P	P		07 39 43.0	-1.2		
ASAR	Alice Springs	51.31 192	P	P		07 39 42.1	-2.1		
ASAR	Alice Springs	51.31 192	P	P		07 39 42.4	-1.8		
ASAR	Alice Springs	51.31 192	P	P		07 39 42.4	-1.8		
MK31	Makanchi Array	51.57 310	eP	P		07 39 46.7	+0.7		
MKAR	Makanchi Array	51.57 310	P	P		07 39 47.0	+1.0		
MKAR	comp=Z,4.1nm,0.4s,baz=94,slow=3.7,SNR=3.7					07 40 59.7	-0.2		
MKAR	Makanchi Array	51.57 310	P	P		07 39 47.0	+1.0		
MKAR	Makanchi Array	51.57 310	P	P		07 39 48.7	+1.1		
NR1K	Nori'sk	53.20 338	P	P		07 39 58.5	+0.8		
NR1K	Nori'sk	53.20 338j	eP	P	pmax	07 39 58.8	+1.1		
NR1K	Nori'sk	53.20 338	P	P		07 39 58.6	+1.0		
NR1K	Nori'sk	53.20 338	P	P		07 39 59.6	+1.0		
KDAK	Kodiak Island	53.57 37	LR	LR		08 00 03.9			
KDAK	Kodiak Island	53.57 37	P	P		07 40 00.8	+0.3		
KURK	Kurchatov	54.01 315	P	P		07 40 05.0	+1.1		
KURK	Kurchatov	54.01 315	P	P		07 40 05.0	+1.1		
KURK	Kurchatov	54.01 315	IAMB	IAMB		07 40 05.4			
KURK	Kurchatov	54.01 315	P	P		07 40 04.8	+0.9		
KURB	Kurchatov Arra	54.06 314	P	P		07 40 05.0	+0.7		
IMAR	Indian Mountain	54.46 26	P	P		07 40 07.8	+0.9		
CAS	Castle Rocks	54.63 30	P	P		07 40 09.0	+0.7		
SKT	Skwenina	54.65 32	P	P		07 40 08.6	+0.2		
BRLK	Bradley Lake	54.67 34	P	P		07 40 08.2	-0.4		
RND	Reindeer	56.07 30	P	P		07 40 18.3	-0.4		
RND	Reindeer	56.07 30	P	P		07 40 18.3	-0.4		
RND	Reindeer	56.07 30	P	P		07 40 18.3	-0.4		
RND	Reindeer	56.07 30	IAMB	IAMB		07 42 15.2			
I23K	Minto, Yukon-K	56.09 28	P	P		07 40 19.4	+0.7		
E23K	Chandler	56.49 24	IAMB	IAMB		07 40 24.1			
ILAR	Eielson Array	57.08 29	P	P		07 40 24.9	-0.9		
ILAR	comp=Z,2.1nm,0.8s,baz=251,slow=6.3,SNR=17					07 41 19.8	-0.9		
ILAR	Eielson Array	57.08 29	P	P		07 40 25.3	-0.5		
ILAR	Eielson Array	57.08 29	P	P		07 40 25.3	-0.5		
ILAR	Kashi	57.16 301	P	P		07 40 28.4	+1.4		

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AAK	Ala-Archa	57.42 305	LR	LR		08 07 23.9			
AAK	Ala-Archa	57.42 305	P	P		07 40 29.7	+0.9		
AAK	Ala-Archa	57.42 305	P	P		07 40 29.6	+0.9		
AAK	Ala-Archa	57.42 305	P	P		07 40 29.6	+0.8		
PAX	Paxson	57.55 31	IAMB	IAMB		07 40 41.9			
BMAR	Burnt Mountain	58.29 26	P	P		07 40 35.5	+1.1		
STKA	Stephens Creek	58.64 182	P	P		07 40 35.3	-1.7		
STKA	Stephens Creek	58.64 182j	eP	P	pmax	07 40 38.8	+1.8		
BVAR	Borovoye Array	59.01 318	P	P		07 40 40.5	+0.9		
BORK	Borovoye	59.05 318	eP	P	pmax	07 40 40.7	+0.9		
BVAR	Borovoye	59.05 318	P	P		07 40 41.0	0.0		
ARMK	Arkit	59.41 304	P	P		07 40 44.1	+1.5		
F28M	Old Crow	60.11 25	IAMB	IAMB		07 41 60.0			
KKAR	Karatay Array	60.23 306	P	P		07 40 49.2	+1.0		
KKAR	Karatay Array	60.23 306	P	P		07 40 49.2	+1.0		
DAWY	Dawson	60.30 30	IAMB	IAMB		07 41 06.7			
J29N	Klondike Camp	60.80 29	IAMB	IAMB		07 40 53.7			
EPYK	Eagle Plains	61.36 27	P	P		07 40 55.5	+0.1		
EPYK	Eagle Plains	61.36 27	P	P		07 40 57.2			
M30M	Minto, Yukon	61.54 31	P	P		07 40 57.5	+0.8		
INK	Inuvik	62.49 25	P	P		07 41 03.4	+0.5		
INK	Inuvik	62.49 25	P	P		07 41 11.3			
PALK	Pallekele	62.74 264	LR	LR		08 08 10.3			
KBL	Kabul	63.28 297	P	P		07 41 08.4	-0.7		
KBL	Kabul	63.28 297	P	P		07 41 08.4	-0.7		
KBL	Kabul	63.28 297	P	P		07 41 10.3			
KBL	Kabul	63.28 297	P	P		07 41 09.0	0.0		
ARTI	Arti	65.41 322	d/P	P		07 41 22.8	+0.4		
ARTI	Arti	65.41 322	d/P	P		07 41 53.1			
ARTI	Arti	65.41 322	d/P	P		07 50 07.0	+0.4		
ARTI	Arti	65.41 322	d/P	P		07 54 17.5	-1.8		
ARTI	Arti	65.41 322	d/P	P		07 41 23.0	+0.6		
C36M	Paulatuk	65.74 23	IAMB	IAMB		07 41 25.3			
ABKAR	Abkutak array	66.12 315	P	P		07 41 27.5	+0.4		
KIRV	Kirov	69.50 326	eP	P		07 41 48.9	+0.7		
SPITS	Spitsbergen Arr	70.67 350	P	P		07 41 56.2	+1.1		
YKA	Yellowknife Arr	71.52 29	P	P		07 42 00.2	-0.2		
YKA	Yellowknife Arr	71.52 29	P	P		07 41 59.6	-0.8		
BELG	Belogornoye	72.59 320	eP	P	pmax	07 42 07.9	+0.9		
BELG	Belogornoye	72.59 320	eP	P	pmax	07 42 16.5	+1.2		
ARCES	ARCESS Array B	74.03 341	P	P		07 42 26.3			
E07A	Sunnyside	75.00 45	IAMB	IAMB		07 42 26.3			
YBH	Yreka Blue Hor	75.01 51	IAMB	IAMB		07 43 20.4			
PINE	Pine Mountain	75.40 48	IAMB	IAMB		07 42 20.6			
O02D	Mt. Diablo Mnt	75.56 52	IAMB	IAMB		07 44 06.1			
M03C	McCloud	75.59 51	IAMB	IAMB		07 42 26.3			
K05A	Summer Lake	75.85 49	IAMB	IAMB		07 42 28.8			
SUTA	Sutter Butte	76.65 53	IAMB	IAMB		07 42 35.0			
UOSS	Minazif	77.03 291	P	P		07 42 33.0	-0.3		
UOSS	Minazif	77.03 291	P	P		07 42 38.9	+0.5		
JO8A	Circle Bar Arr	77.21 48	IAMB	IAMB		07 42 35.9			
OBN	Obninsk	77.35 326	eP	P		07 42 33.1	-1.4		
OBN	Obninsk	77.35 326	eP	P		07 42 43.5			
OBN	Obninsk	77.35 326	eP	P		07 45 27.4			
OBN	Obninsk	77.35 326	eP	P		07 47 14.7			
OBN	Obninsk</								

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Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA Stephens Creek, INKA Innaminka, QIS Mount Isa, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like FURC Furnace Creek, SHOC Shoshone, NVAR, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PV15 Paradox Valley, KLR Kuldr, RND Reindeer, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mitchell Peak, Echo Peak, Cottonwood Cre, Wildcat Mount, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR Matushiro Arr, JCJ Chichijima, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Azm191.0000, N 1.2687, Plg8.0000, Azm282.0000, etc.

NIED 02 10:52:02.0, 28.08N, 127.98E, h5km, MW4.2, Moment Tensor Solution... s-maj=25.7km s-min=12.1km az=73.0

JMA 02 10:52:02.0, 0.4, 28.1N, 0.6:128.0E, 0.8, h5km, 3km, MV3.9/15, NW OFF OKINAWAJIMA IS

ISC 02 10:52:04.0, 1.4, 27.89N, 104.0:128.05E, 0.04, h9km, 9km, n72, c15/64, mb4.2/20, MS3.3/14, Ryukyu Islands

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

BIO 02 10:54:50.7, 1.8, 37.52N, 24.09E, h85km, ML4.4, BIR 02 10:54:52.7, 38.34N, 23.70E, h6km, 6km, ML4.8, ML4.8

GII 02 10:54:54.4, 0.0, 38.36N, 23.45E, h0km, confirmed IDC 02 10:54:56.0, 0.4, 38.36N, 23.49E, h0km, mb4.4/26, mb1mp4.3/39, ML3.8/10, MS4.1/68, Error ellipse:

SOF 02 10:54:55.2, 38.36N, 0.02:23.52E, 0.02, h2km, MD4.5/13 GCMT 02 10:54:55.9, 0.4, 38.18N, 0.03:23.43E, 0.06, h17km, 17km, MW4.8/80, Moment Tensor Solution, s10c11, s80c100

MOS 02 10:54:55.9, 0.8, 38.32N, 23.40E, h9km, mb4.8/19, MS4.0/6 Error ellipse: s-maj=4.7km s-min=2.7km az=89.8 PDG 02 10:54:56.1, 0.9, 38.33N, 23.45E, h6km, 1km, ML4.5/13, s-maj=1.45c, 1.1, Mm0.0:1.7s, 29: Mm0.0:0.6;

THE 02 10:54:56.4, 38.3N, 0.7:23.4E, 0.5, h0km, 2km, M4.5/19, ML4.5/19 ATH 02 10:54:56.9, 38.33N, 23.46E, h6km, 1km, ML4.4/13, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

MED_RC 02 10:54:56.0, 38.33N, 23.46E, h10km, Mw4.7, Moment Tensor Solution. Moment tensor: Scale 1016Nm; Mm-1.19e-05; Mm0.97e-03; Mm0.00e-04; Mm0.82e-10;

ISK 02 10:54:56.0, 38.33N, 23.44E, h7km, ML4.6/21 VOL2 02 10:54:57.9, 0.8, 38.35N, 0.05:23.46E, 0.05, h10km, 1km, mb4.7/51, Mw4.5/21, Error ellipse: s-maj=8.2km s-min=6.6km az=30.0, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mm-1.7; Mm0.95; Mm0.123;

AGG Agios Georgios, 1.11 309 Sg Sg 10 55 34.2 -0.5 AGG Agios Georgios, 1.11 309 P P 10 55 34.2 -0.5

AGG Agios Georgios, 1.11 309 Sg Sg 10 55 34.2 -0.5 AGG Agios Georgios, 1.11 309 P P 10 55 34.2 -0.5

AGG Agios Georgios, 1.11 309 Sg Sg 10 55 34.2 -0.5 AGG Agios Georgios, 1.11 309 P P 10 55 34.2 -0.5

AGG Agios Georgios, 1.11 309 Sg Sg 10 55 34.2 -0.5 AGG Agios Georgios, 1.11 309 P P 10 55 34.2 -0.5

AGG Agios Georgios, 1.11 309 Sg Sg 10 55 34.2 -0.5 AGG Agios Georgios, 1.11 309 P P 10 55 34.2 -0.5

AGG Agios Georgios, 1.11 309 Sg Sg 10 55 34.2 -0.5 AGG Agios Georgios, 1.11 309 P P 10 55 34.2 -0.5

AGG Agios Georgios, 1.11 309 Sg Sg 10 55 34.2 -0.5 AGG Agios Georgios, 1.11 309 P P 10 55 34.2 -0.5

Table with columns for station code, name, frequency, and signal strength. Includes stations like PYRG Pyrgos, Dorida, LAKA Lakka, MG00 Magoula, Dorid, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like BODT Bodrum, OHRT Ohrid, RZN Rozhen, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like ACER Acerenza, STON Ston, BBLN Lazia, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KMBO Kilima Mbogo, WUS Wushi, KIBK Kibwezi, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Q56A Snyder Ridge, G21K Allakaket, USA01 Ussuriysk Arra, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAF comp=Z,2.7nm,0.2s, KEF Keuruu, NIF Nilsia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PB06, IPOC Station P, IPOC Station P, San Ignacio, Serra de San D, Lac du Bonnet, Torodi Ar. Bea, Yellowknife Ar.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like VANDA, Makanchi Array, Zalesovo Beam, Kurchatov Arra, Borovoye Array, South Pole Qui, Eielson Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like TRKS Terek-Say, Batken, Arkit, Borolday, Borolday, Borolday, Kestel, Manas, Osh, Arslanbob, Merke, Kestel, Salom-Alik, Sufi-Kurgan, Erkin-Say, Uchter, Ala-Archa, AAK, KST, Warramunga Arr, Alice Springs, Eielson Array.

HEL 02 11:40:18.0±0.1, 63.13N:27.76E, h0km, ML1.8, Explosion, Finland

Main table for HEL 02 11:40:18.0±0.1, 63.13N:27.76E, h0km, ML1.8, Explosion, Finland. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like NIF Nilsia, SUMAIEN, Kangasniemi, Romuvaara, Joensuu, Keuruu, Ruokolahti, Merijarvi, FINESS Array S, Oulu, Ylistaro, Kurvinen, Virojoki, Taivalkoski, Pernaja, Maaseika, Kankaanpaa, Nurmijarvi, Riekki, Burvik, Umeaa, Oulanka, Rauma, Rovaniemi, Ertsjaerv, Pajala, Kolari, Hemsoen.

SJA 02 11:58:15.0±0.6, 27.94S:71.74W, h10km, ML3.7, MW3.5 GUC 02 11:58:18.3±0.6, 28.02S:71.42W, h15km, 4km, ML3.8, Presumed earthquake

Main table for SJA 02 11:58:15.0±0.6, 27.94S:71.74W, h10km, ML3.7, MW3.5 GUC 02 11:58:18.3±0.6, 28.02S:71.42W, h15km, 4km, ML3.8, Presumed earthquake. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LIANOS DE CHAL, LIANOS DE CHAL, Copiapo, Mina Casimiro, Las Campanas, Las Campanas, El Transito, Pan de Azucar, Tololo Observa, Tololo Observa, Juntas del Tor, Juntas del Tor, Maricunga, Maricunga, Frai Jorge Rodeo, El Pedregal, El Pedregal, Vinchina, Cuesta del Vie, Combarbal, Cerro Coronel, Tinogasta, IPOC Station P, Reserva Natura, CERRO LA CRUZ, Leoncito, Coronel Fontan, Choya, KRNET 02 12:07:18.0±0.1, 41.37N:69.56E, h20km, mb3.6/13, SOME 02 12:07:18.8±0.1, 41.00N:69.73E, h5km, NNC 02 12:07:20.5±1.3, 41.01N:69.82E, h0km, mb3.0, mpv2.7, Suspected Mining explosion, ISOC 02 12:07:22.4±1.5, 41.26N:05.69:82E:0.06, h0km, n20, 1558/36, 11C-11D, Kyrgyzstan.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Kestel, Manas, Osh, Arslanbob, Merke, Kestel, Salom-Alik, Sufi-Kurgan, Erkin-Say, Uchter, Ala-Archa, AAK, KST, Warramunga Arr, Alice Springs, Eielson Array.

IDC 02 12:17:27.8±5.4, 12.22S:167.10E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=270.9km s-min=35.2km az=140.0, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WRA Warramunga Arr, Alice Springs, Eielson Array.

ISK 02 12:37:36.3, 38.33N:23.40E, h6km, ML3.2/12 THE 02 12:37:37.9, 38.33N:0.5:23.5E:0.6, h2km, 1km, M3.3/47, MLh3.3/47

ATH 02 12:37:37.2, 38.31N:23.46E, h7km, 1km, ML3.4/51, Latitude uncertainty: 0 km Longitude uncertainty: 0 km IDC 02 12:37:46.1±4.2, 38.34N:23.45E, h75km, 45km, mb3.4/7, mbmp3.6/8, ML2.6/1, MS3.1/1, Error ellipse: s-maj=37.6km s-min=19.6km az=162.0

ISOC 02 12:37:33.0±0.9, 38.32N:0.01:23.47E:0.01, h7km, 7km, n139, n08/179, mb3.4/6, Greece

Main table for ISOC 02 12:37:33.0±0.9, 38.32N:0.01:23.47E:0.01, h7km, 7km, n139, n08/179, mb3.4/6, Greece. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like STFN Stefani, Stefani, Platees, Villia, Athens-Elefsin, Athens-Acharne, Athens-Thissio, Athens Observa, Athens Observa, Athens-Neo Psi, Athens Parliam, Penteli, Penteli, Athens Univers, Athens Univers, Dionisios Attik, Dionisios Attik, Loutraki, Loutraki, Lokris, Lokris, Atalanti, Atalanti, Voula, Athens, Voula, Athens, Kymi, Euboea I, Kymi, Euboea I, Acrocorinthos, Kiato, Kiato.

IDC 02 11:43:33.9±2.6, 5.27S:142.33E, h110km, 20km, mb3.6/13, mbmp4.0/16, Error ellipse: s-maj=30.5km s-min=11.9km az=92.0

ISC 02 11:43:32.8±0.8, 5.34S:0.07:142.4E:0.1, h100km, n18, 1563/20, mb3.6/11, New Guinea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like JAY Jayapura, Port Moresby, Sorong, Warramunga Arr, Baumata, ASAR Alice Springs, Fitzroy Cross, Korea Array, Chiang Mai Arr, Petropavlovsk, Songino Array.

KRNET 02 12:07:18.0±0.1, 41.37N:69.56E, h20km, mb3.6/13, SOME 02 12:07:18.8±0.1, 41.00N:69.73E, h5km, NNC 02 12:07:20.5±1.3, 41.01N:69.82E, h0km, mb3.0, mpv2.7, Suspected Mining explosion, ISOC 02 12:07:22.4±1.5, 41.26N:05.69:82E:0.06, h0km, n20, 1558/36, 11C-11D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like IUG luzhnav, Luzhnav, Luzhnav, Luzhnav, KRNET 02 12:07:18.0±0.1, 41.37N:69.56E, h20km, mb3.6/13, SOME 02 12:07:18.8±0.1, 41.00N:69.73E, h5km, NNC 02 12:07:20.5±1.3, 41.01N:69.82E, h0km, mb3.0, mpv2.7, Suspected Mining explosion, ISOC 02 12:07:22.4±1.5, 41.26N:05.69:82E:0.06, h0km, n20, 1558/36, 11C-11D, Kyrgyzstan.

IDC 02 12:37:36.3, 38.33N:23.40E, h6km, ML3.2/12 THE 02 12:37:37.9, 38.33N:0.5:23.5E:0.6, h2km, 1km, M3.3/47, MLh3.3/47

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WRA Warramunga Arr, Alice Springs, Eielson Array, ISOC 02 12:37:33.0±0.9, 38.32N:0.01:23.47E:0.01, h7km, 7km, n139, n08/179, mb3.4/6, Greece.

NOU 02 13:56:46.8, 13.43S:169°19'E, h416km, mb4.4/8, Vanuatu Islands Region, Vanuatu Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
SAHVU	Saraoutou	2.78	224	P	P	P	13 57 50.1	+0.7
DVP	Devils Point	4.38	193	P	P	P	13 58 03.7	+0.4
RTV	Rentapao	4.40	194	P	P	P	13 58 02.7	-0.8
HURO	Huro Makira	7.71	292	P	P	P	13 58 39.0	-0.1
NGOA	Tingoa Renbel	9.11	281	P	P	P	13 58 54.1	-0.2
CATA	Tatamba Isabel	10.49	298	P	P	P	13 59 10.2	+0.6

OSPL 02 13:57:26.0, 0.6, 18°17'N:71°35'W, h12km, 4km, ML1.8, Presumed earthquake

SDD 02 13:57:27.1, 1.9, 18°19'N:71°34'W, h6km, 9km, MD2.7, ML2.3, Presumed earthquake

ISC 02 13:57:26.4, 1.0, 18°16'N:0°03.7'E, h8km, 6km, n11, 0579/20, 2C-1D, Dominican Republic region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
PODR	Polo	0.07	84	iP	P	Pg	13 57 28.4	+0.3
PODR	Polo	0.07	84	iP	P	Pg	13 57 30.6	+0.4
PODR	Polo	0.07	84	iP	P	Pg	13 57 28.3	+0.3
PODR	Polo	0.07	84	iP	P	Pg	13 57 30.5	+0.3
PODR	Polo	0.07	84	iP	P	Pg	13 57 31.7	
LODU1	Ei Espartillar	0.22	330	iP	P	Pg	13 57 30.0	-1.0
LODU1	Ei Espartillar	0.22	330	iP	P	Pg	13 57 33.5	-0.5
LODU1	Ei Espartillar	0.22	330	iP	P	Pg	13 57 35.1	
LOVI	Ei Cajui, Ovi	0.36	182	iP	P	Pg	13 57 32.7	-0.7
LOVI	Ei Cajui, Ovi	0.36	182	iP	P	Pg	13 57 39.8	
LOBH	Bahia de las A	0.40	222	iP	P	Pg	13 57 33.4	+0.8
LOBH	Bahia de las A	0.40	222	iP	P	Pg	13 57 30.6	+0.4
LOBH	Bahia de las A	0.40	222	iP	P	Pg	13 57 41.4	
LONE3	Ei Aguacate, B	0.45	348	iP	P	Pg	13 57 34.5	-0.8
LONE3	Ei Aguacate, B	0.45	348	iP	P	Pg	13 57 40.5	-0.8
LONE3	Ei Aguacate, B	0.45	348	iP	P	Pg	13 57 44.6	
JIDR	Jimani	0.57	305	iP	P	Pb	13 57 39.6	+0.8
JIDR	Jimani	0.57	305	iP	P	Pb	13 57 46.9	+0.9
JIDR	Jimani	0.57	305	iP	P	Pb	13 57 50.8	
SDDR	Presa de Saban	0.82	5	iP	P	Pg	13 57 41.8	-0.5
SDDR	Presa de Saban	0.82	5	iP	P	Pg	13 58 00.1	
ABDR	Alto Bandera	0.95	47	iP	P	Pg	13 57 44.8	0.0
ABDR	Alto Bandera	0.95	47	iP	P	Pg	13 57 56.5	-0.7
ABDR	Alto Bandera	0.95	47	iP	P	Pg	13 58 05.7	
BANI	BANI	0.98	76	iP	P	Pg	13 57 44.2	-1.1
BANI	BANI	0.98	76	iP	P	Pg	13 57 58.3	-0.6
BANI	BANI	0.98	76	iP	P	Pg	13 58 05.2	
REDR	Restauracion	1.00	358	iP	P	Pn	13 57 46.8	-0.1
REDR	Restauracion	1.00	358	iP	P	Pn	13 58 02.6	+1.4
REDR	Restauracion	1.00	358	iP	P	Pn	13 58 05.2	

THE 02 14:05:28.8, 38°N:1°2'E, h9km, 2km, M3.1/9, MLh3.1/9

ATH 02 14:05:28.9, 37°85'N:27°01'E, h8km, 1km, ML3.0/9, Latitude uncertainty: 0 km; Longitude uncertainty: 1 km

ISK 02 14:05:28.5, 37°85'N:27°00'E, h7km, ML2.9/3

AFAD 02 14:05:28.5, 37°82'N:26°95'E, h7km, 2km, ML2.9

ISC 02 14:05:29.1, 0.8, 37°85'N:0°01.27'00E, 0.02, h11km, 6km, n70, 0553/102, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
SMG	Samos	0.20	222	P	P	Pg	14 05 32.8	-0.4
SMG	Samos	0.20	222	P	P	Pg	14 05 36.5	+0.4
SMG	Samos	0.20	222	P	P	Pg	14 05 32.9	-0.4
SMG	Samos	0.20	222	P	P	Pg	14 05 36.6	+0.4
SMG	Samos	0.20	222	P	P	Pg	14 05 32.9	-0.4
SMG	Samos	0.20	222	P	P	Pg	14 05 36.7	+0.4
DGB	zmir	0.22	335	P	P	Pg	14 05 33.4	-0.2
DGB	zmir	0.22	335	P	P	Pg	14 05 36.3	-0.5
DGB	zmir	0.22	335	P	P	Pg	14 05 33.4	-0.4
DGB	zmir	0.22	335	P	P	Pg	14 05 37.2	+0.2
KUSD	Kusadasi-Aydin	0.23	88	Pg	P	Pg	14 05 33.7	-0.2
KUSD	Kusadasi-Aydin	0.23	88	Pg	P	Pg	14 05 38.0	
KUSD	Kusadasi-Aydin	0.23	88	Pg	P	Pg	14 05 33.7	-0.2
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 34.1	+0.1
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 38.0	
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 38.0	
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 38.1	+0.7
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 33.9	-0.1
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 37.8	+0.2
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 38.1	+0.7
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 33.9	-0.1
GAML	G?zelcamli?	0.24	130	P	P	Pg	14 05 37.8	+0.2
SAM2	Drakei, Karlov	0.32	253	P	P	Pg	14 05 35.8	+0.2
SAM2	Drakei, Karlov	0.32	253	P	P	Pg	14 05 40.0	+0.1
SAM2	Drakei, Karlov	0.32	253	P	P	Pg	14 05 35.8	+0.2
BEYE	izmir	0.38	351	P	P	Pg	14 05 36.3	-0.3
BEYE	izmir	0.38	351	P	P	Pg	14 05 42.0	
BEYE	izmir	0.38	351	P	P	Pg	14 05 36.3	-0.3
BEYE	izmir	0.38	351	P	P	Pg	14 05 42.0	
BEYE	izmir	0.38	351	P	P	Pg	14 05 36.3	-0.3
BEYE	izmir	0.38	351	P	P	Pg	14 05 42.0	
DDIM	Aydin, Didim	0.44	154	P	P	Pg	14 05 42.5	-1.1
DDIM	Aydin, Didim	0.44	154	P	P	Pg	14 05 37.7	0.0
DDIM	Aydin, Didim	0.44	154	P	P	Pg	14 05 44.9	-0.5
DUVT	Torbali	0.51	44	P	P	Pg	14 05 38.7	-0.3
DUVT	Torbali	0.51	44	P	P	Pg	14 05 45.9	+0.2
DUVT	Torbali	0.51	44	P	P	Pg	14 05 48.0	
DVID	Didim-Aydin	0.51	158	Pg	P	Pg	14 05 39.2	+0.1
DVID	Didim-Aydin	0.51	158	Pg	P	Pg	14 05 46.3	+0.5
DVID	Didim-Aydin	0.51	158	Pg	P	Pg	14 05 39.2	+0.1
DVID	Didim-Aydin	0.51	158	Pg	P	Pg	14 05 46.3	+0.5
BLCB	Balcova	0.53	3	P	P	Pg	14 05 39.1	-0.4
BLCB	Balcova	0.53	3	P	P	Pg	14 05 46.2	-0.2
BLCB	Balcova	0.53	3	P	P	Pg	14 05 39.1	-0.4
BLCB	Balcova	0.53	3	P	P	Pg	14 05 47.1	-1.0
BLCB	Balcova	0.53	3	P	P	Pg	14 05 39.1	-0.4
BLCB	Balcova	0.53	3	P	P	Pg	14 05 47.1	-1.0
ZEVE	Izmir, Urla-Ze	0.55	314	P	P	Pg	14 05 39.2	-0.6
ZEVE	Izmir, Urla-Ze	0.55	314	P	P	Pg	14 05 47.0	
ZEVE	Izmir, Urla-Ze	0.55	314	P	P	Pg	14 05 39.2	-0.6
ZEVE	Izmir, Urla-Ze	0.55	314	P	P	Pg	14 05 47.0	
ZEVE	Izmir, Urla-Ze	0.55	314	P	P	Pg	14 05 39.2	-0.6
ZEVE	Izmir, Urla-Ze	0.55	314	P	P	Pg	14 05 47.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	328	P	P	Pg	14 05 52.0	
URLA	Izmir	0.60	328	P	P	Pg	14 05 47.5	+0.4
URLA	Izmir	0.60	328	P	P	Pg	14 05 40.2	-0.5
URLA	Izmir	0.60	328	P	P	Pg	14 05 48.9	+0.2
URLA	Izmir	0.60	3					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, AB31 Akbulak array, ABKAR Akbulak array, etc.

SJA 02 14:52:59.1±0.8, 29°34'S:69°42'W, h116km, 3km, ML3.7, MW3.8

IDC 02 14:53:00.8±2.9, 29°34'S:69°25'W, h106km, 24km, mb3.4/2, mbmp3.7/5, Error ellipse: s-maj=42.4km s-min=23.2km az=87.0

IDC 02 14:53:00.7±0.8, 29°35'S:0°03'.69'42"W, h113km, 6km, n35, ±0.74/57, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AROD Rodeo, AROD AROD, ACDV Cuesta del Vie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORD Torodi Ar. Bea, PDAR Pinedale Array, KURBB Kurchatov Arra, etc.

IDC 02 14:58:19.4±934.0, 54°17'N:5°29'E, h0km, Error ellipse: s-maj=163.0km s-min=20.0km az=123.0, North Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I26DE FREYUNG INFRAS, I43RU DUBNA INFRASOM, etc.

IDC 02 14:58:35.5±3.3, 25°23'S:178°82'W, h409km, 32km, mb3.1/5, mbmp4.0/7, Error ellipse: s-maj=44.6km s-min=26.6km az=98.0

IDC 02 14:58:35.4±2.8, 25°35'S:101°17'39"W, h400km, n8, ±1501/8, mb3.2/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, URZ Urewera, URZ Urewera, etc.

IDC 02 15:03:21.1±2.1, 6°18'S:129°09'E, h157km, 22km, mb3.6/1, mbmp4.1/6, Error ellipse: s-maj=25.2km s-min=16.3km az=95.9

IDC 02 15:03:19.7±0.9, 6°84'S:0°06'.130°0'E, h150km, n6, ±326/11, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIJI Sorong, BATI Baunata, BATI Baunata, etc.

NEIC 02 15:26:25.1±2.1, 17°37'S:0°07'.178°1'W, h433km, 6km, mb4.2/31, Error ellipse: s-maj=17.1km s-min=7.5km

IDC 02 15:26:28.8±1.3, 17°27'S:178°36'W, h469km, 12km, mb3.5/11, mbmp4.3/12, Error ellipse: s-maj=21.6km s-min=15.6km az=125.0

IDC 02 15:26:26.1±0.4, 17°26'S:0°10'.178°04'W, h450km, n87, ±124/89, mb4.2/31, 1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Fugatoga, MSVF Nonsavu, MSVF Nonsavu, etc.

IDC 02 15:27:10.5±902.0, 53°43'N:6°79'E, h0km, Error ellipse: s-maj=353.3km s-min=173.3km az=130.0, The Netherlands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I26DE FREYUNG INFRAS, I43RU DUBNA INFRASOM, etc.

IDC 02 15:37:40.6±1.4, 55°18'S:30°81'W, h0km, mb3.9/3, mbmp4.0/3, Error ellipse: s-maj=82.4km s-min=28.8km az=62.0, South Sandshland Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNAAS Snaa, GQSA South Pole Qui, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like QSPA South Pole Qui, O02D Mt. Diablo Mer, BEKR Beckworth, etc.

IDC 02 15:38:21.2±0.6, 25°88'S:70°63'W, h24km, 4km, ML4.1, Presumed earthquake

IDC 02 15:38:23.7±3.0, 25°84'S:70°39'W, h45km, 23km, mb4.1/4, mbmp4.0/9, ML3.7/5, MS3.3/4, Error ellipse: s-maj=43.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNAAS Snaa, GQSA South Pole Qui, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Pan de Azucar, Copiapo, Maricunga, Llanos de Chal, Las Campanas, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like COLR Columbus, NV11 Mina Array Sit, NV07 Mina Array Sit, etc.

2d 16h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like YAKUTSK, KLR, and ILAR.

2020 DEC

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MRVT, IAHM, and YAK.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like MTBS, KURS, and DGS.

SGS 02 16:26:37.3, 25:17N:37.97E, h44km, M10.9, Western Arabian Peninsula

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like LNY01, LNY02, and LNY16.

Code Station Name Time Res

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like AB31, AKTO, and YKA.

Code Station Name Time Res

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like KBK, KURS, and DGS.

TEH 02 16:32:33.9, 39:46N:51:99E, h10km, ML3.6, Presumed earthquake

TEH 02 16:32:33.9, 39:46N:51:99E, h10km, ML3.6, Presumed earthquake

ICD 02 16:32:34.7, 3.6, 39:89N:51:93E, h0km, mb3.6/6, mbtmp3.5/9, ML2.9/2, Error ellipse: s-maj=79.3km s-min=15.7km az=9.0

ICD 02 16:32:34.7, 3.6, 39:89N:51:93E, h0km, mb3.6/6, mbtmp3.5/9, ML2.9/2, Error ellipse: s-maj=79.3km s-min=15.7km az=9.0

AZER 02 16:32:36.5, 1.5, 39:40N:05:51.97E, h0.05, h33km, 12km, n60, r199/92, mb3.5/6, 1C-2D, Caspian Sea

AZER 02 16:32:36.5, 1.5, 39:40N:05:51.97E, h0.05, h33km, 12km, n60, r199/92, mb3.5/6, 1C-2D, Caspian Sea

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like NDR, ALIB, and QUBA.

SOME 02 16:40:44.9, 41:00N:78:08E, h5km

SOME 02 16:40:44.9, 41:00N:78:08E, h5km

NIC 02 16:40:45.6, 1.1, 40:36N:78:16E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=7.7km s-min=4.9km az=17.0

NIC 02 16:40:45.6, 1.1, 40:36N:78:16E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=7.7km s-min=4.9km az=17.0

KRNET 02 16:40:47.2, 0.1, 41:07N:78:06E, h30km, mb3.7, IDC 02 16:40:48.3, 3.0, 41:13N:78:26E, h0km, mb2.9/1, mbtmp3.1/5, ML2.7/4, Error ellipse: s-maj=32.6km s-min=26.3km az=109.0

KRNET 02 16:40:47.2, 0.1, 41:07N:78:06E, h30km, mb3.7, IDC 02 16:40:48.3, 3.0, 41:13N:78:26E, h0km, mb2.9/1, mbtmp3.1/5, ML2.7/4, Error ellipse: s-maj=32.6km s-min=26.3km az=109.0

ISC 02 16:40:46.3, 1.8, 41:00N:078:06E, 0.03, h5km, 10km, n76, r132/114, 31C-16D, Kyrgyzstan-Xinjiang border region

ISC 02 16:40:46.3, 1.8, 41:00N:078:06E, 0.03, h5km, 10km, n76, r132/114, 31C-16D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like TARG, KDJ, and SATY.

Code Station Name Time Res

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ARXS, KURS, and DGS.

Table with columns: Code, Station Name, Az, El, SNR, etc. Includes entries for CMAR, YATNC, CMAR, CHJO, NJ2, XAN.

IDC 02 17:04:25.8-1.8, 4.68S, 144.98E, h85km, 16km, mb3.77, mbtmp4.1/12, MS3.4/2, Error ellipse: s-maj=18.3km s-min=11.0km az=65.0

DJA 02 17:04:27.4-1.2, 5.5S, 14.14E, h80km, 9km, M4.9/6, mb6.0/1, mb6.0/1, mb5.0/6, mb5.0/6, MLV4.8/5, MLV4.8/5, Mw(m)B5.7/1, Mw(m)B5.7/1

NEIC 02 17:04:28.2-0.9, 4.84S, 0.03, 144.80E, 0.08, h95km, 9km, mb4.3/16, Error ellipse: s-maj=12.5km s-min=4.1km az=81.0

ISC 02 17:04:26.8-0.6, 4.89S, 0.06, 144.70E, 0.07, h82km, n40, c214/41, mb4.1/11, Near north coast of New Guinea

Main table for 2d 17h section, listing station codes, names, and various parameters like Az, El, SNR, etc.

IDC 02 17:20:58.4-0.7, 4.46S, 152.37E, h141km, 3km, mb3.7/14, mbtmp4.2/17, Error ellipse: s-maj=20.1km s-min=11.9km az=108.0

NEIC 02 17:20:59.4-1.5, 4.31S, 0.06, 152.27E, 0.10, h146km, 4km, mb4.3/18, Error ellipse: s-maj=15.5km s-min=5.5km az=117.0

ISC 02 17:21:00.1-0.5, 4.33S, 0.06, 152.16E, 0.07, h150km, n63, c1527/69, mb4.1/19, New Britain region

Main table for 2d 17h section, listing station codes, names, and various parameters like Az, El, SNR, etc.

Main table for 2020 DEC section, listing station codes, names, and various parameters like Az, El, SNR, etc.

REN 02 17:27:21.0-0.7, 38.139N, 0.009, 118.05W, 0.01, h2km, 3km, Error ellipse: s-maj=1.4km s-min=1.2km az=217.0

NEIC 02 17:27:21.3-0.6, 38.143N, 0.010, 118.05W, 0.01, h2km, 3km, ML2.5/64, ML2.5/11 (REN), Error ellipse: s-maj=1.4km s-min=1.3km az=210.0, California-Nevada border region

Main table for 2020 DEC section, listing station codes, names, and various parameters like Az, El, SNR, etc.

Main table for 2020 DEC section, listing station codes, names, and various parameters like Az, El, SNR, etc.

REN 02 17:27:50.8-0.6, 38.170N, 0.010, 118.07W, 0.01, h6km, 4km, Error ellipse: s-maj=1.4km s-min=1.1km az=205.0

NEIC 02 17:27:50.9-0.7, 38.180N, 0.010, 118.06W, 0.01, h5km, 1km, ML2.7/74, ML2.9/14 (REN), Error ellipse: s-maj=1.7km s-min=0.8km az=217.0, California-Nevada border region

Main table for 2020 DEC section, listing station codes, names, and various parameters like Az, El, SNR, etc.

Table with columns: MOD, comp=N, IAML, 1730 27.5, 4.10 336, 17 29 23.9, 17 30 10.3

IDC 02 17:32:25.3±1.9, 21.55S:66.50W, h210km, 19km, mb3.1/1, mbmp3.8/4, Error ellipse: s-maj=27.0km s-min=20.6km az=103.0

SJA 02 17:32:26.3±0.7, 21.56S:66.78W, h224km, 6km, ML3.6, MW3.5

SCB 02 17:32:26.4±1.9, 21.52S:66.77W, h220km, 18km, MB5.7/1, ML3.8/3, Error ellipse: s-maj=7.9km s-min=5.7km az=0

ISC 02 17:32:25.8±0.8, 21.50S:0.05:66.76W, 0.05, h223km, 7km, n42, ±159/59, Southern Bolivia

Main table for station data with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 02 17:35:45.7±1.0, 15.47S:174.82W, h273km, 10km, mb3.5/7, mbmp4.2/10, Error ellipse: s-maj=36.4km s-min=11.1km az=150.0

NEIC 02 17:35:46.2±0.6, 15.6S:0.1:174.74W, 0.08, h279km, 7km, mb4.3/13, Error ellipse: s-maj=16.9km s-min=11.9km az=168.0

ISC 02 17:35:46.2±0.6, 15.6S:0.1:174.74W, 0.08, h279km, n35, ±105/35, mb4.1/13, Tonga Islands

Continuation of station data table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC

Table for stations OSPA, YB, NVAR, G08A, TXAR, MCMT, IMAR, ILAR, YHL, YHB, YHL, BWH6, PDAR, BMAR, BRTR, GERES, GERES

UPP 02 17:41:59.2±0.1, 67.84N:20.19E, h0km, ML2.5, Presumed earthquake HEL 02 17:42:00.0±0.4, 67.86N:20.13E, h0km, ML1.4, Suspected explosion

ISC 02 17:41:59.2±0.8, 67.81N:0.02:20.24E, 0.03, h0km, n27, ±122/45, Sweden

Main table for station data with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 02 18:19:50.8±0.9, 38.61N:16.15E, h0km, mb3.7/6, mbmp3.6/12, ML2.4/4, MS3.3/1, Error ellipse: s-maj=16.2km s-min=12.7km az=160.0

ROM 02 18:19:51.9±0.1, 38.52S:0.004:16.166E, 0.006, h15km, ML3.7/8, Mw3.7, Error ellipse: s-maj=0.4km s-min=0.3km az=299.0, Moment Tensor Solution: Moment tensor: Scale 10^14Nm; Mr=3.03; Mw=1.51; Mw=1.52; Mw=1.21; Mw=2.24; Mw=1.39; Fault plane solution: M33:86230x10^14 NPM; P33:43.00000°, 859.00000°, λ-83.00000°, λ-85.00000°, λ-85.00000°, NP2:228.00000°, 831.00000°, λ-85.00000°

ISC 02 18:19:52.1±0.8, 38.54N:0.02:16.16E, 0.02, h16km, 5km, n125, ±093/146, mb3.9/5, 6C-8D, Southern Italy

Continuation of station data table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC

Main table for station data with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Eagle Plains, Inuvik, Yellowknife Ar, WAKE ISLAND Hy, etc.

IDC 02 18:28:22.3, 2.47.69N:92.16W, h0km, mb2.71, mblmp2.7/3, ML0.8/1, Error ellipse: s-maj=52.8km s-min=20.5km az=67.0

NEIC 02 18:28:25.4, 1.9, 47.58N:0.03, 92.50W:0.03, h0km, 1km, mb_Lg3.1/26, ML3.2/18, Error ellipse: s-maj=5.8km s-min=3.1km az=332.0

ISC 02 18:28:21.7, 0.8, 47.58N:0.05, 92.45W:0.04, h0km, n27, r131/19, Minnesota

Main station list table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Ely, The Farm, Brul, Experimental L, Thunder Bay, etc.

CATAC 02 18:45:55.4, 0.5, 10.1N:2.8'8'6W:1.5, h3km, 3km, ML3.3/13, MLV3.3/13, Error ellipse: s-maj=6.2km s-min=4.5km az=51.6, confirmed

UCR 02 18:45:56.0, 0.6, 10.41N:86.25W, h20km, 9km, MW4.1, Presumed earth quake

ISC 02 18:45:55.7, 2.1, 10.36N:0.05, 86.27W:0.06, h13km, 14km, n34, c048/44, Off coast of Costa Rica

Continuation of station list table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Filadelfia, Liberia Airpor, etc.

Table with columns: APQZ, Apoyeque, 1.83 358 P P, 18 46 28.3 -0.6, etc.

JMA 02 19:03:09.6, 0.5, 43.1N:14.19E:1.1, h30km, MV3.6/17, SE OFF ETOROFU

SKHL 02 19:03:10.5, 0.2, 43.30N:149.10E, h58km, 6km, mb4.0/2, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Shikotan, Nemuro 2, Nemuro-Hokkai, etc.

IDC 02 19:04:48.9, 2.3, 40.73N:141.96E, h0km, mb3.4/5, mblmp3.3/6, ML1.7/1, Error ellipse: s-maj=59.4km s-min=23.1km az=74.0

JMA 02 19:05:00.2, 0.1, 40.8N:0.3, 141.16E:0.5, h78km, MV3.1/40, SHIMOKITA PENINSULA REG

JMA Felt J1 at SHIMOKITA PENINSULA REG

ISC 02 19:04:59.8, 1.1, 40.75N:0.05, 141.6E:0.1, h79km, 7km, n18, c093/24, mb3.5/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Aomorirokkasho, Nango, Temnabayashi, etc.

IDC 02 19:30:18.9, 4.8, 19.88S:179.32E, h517km, 24km, mb2.9/4, mblmp3.7/5, Error ellipse: s-maj=139.8km s-min=30.4km az=140.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Nonsavu, Stephens Creek, etc.

IDC 02 19:40:19.5, 0.7, 6.14S:107.34W, h0km, mb4.3/13, mblmp4.3/13, MS5.0/52, Error ellipse: s-maj=29.8km s-min=16.0km az=69.0

GFZ 02 19:40:22.9, 0.1, 18S:107.04W, h16km, MW5.5/99, Moment Tensor Solution. Moment tensor: Scale 10719N; Mn:0.5; Mw:0.6; Mx:-0.51; My:-0.30; Mz:1.79; Mw:0.655; 880.08861, -1.972535. NP2:188.45526, 880.42118, -1.189.94702. Principal axes: T: 1.8295, Plg1.2318, Azm322.5827; N: 0.1702, Plg7.1483; Azm21.6427; P: -1.9997, Plg13.8497; Azm52.6398;

GFZ 02 19:40:22.9, 0.3, 6'S:4'10'W:1.1, h10km, M4.8/34, mb4.8/34

NEIC 02 19:40:23.0, 0.6, 2S:0.1x107.4W:0.1, h10km, 1km, mb5.1/209, Ms_2.0, 3.323, Mw:5.6/20, Mw:5.6/26, Error ellipse: s-maj=18.7km s-min=12.7km az=226.0, Moment Tensor Solution. Moment tensor: Scale 10719N; Mn:-0.40; Mw:0.78; Mx:-0.37; My:-0.29; Mz:2.82; Mw:0.26; Fault plane solution: Ms:2.92000x1017 NP1:95.39000, 884.17000, -1.738000. NP2:186.14000, 882.60000, -1.174.13000. Principal axes: T: 3.0799, Plg1.0000, Azm141.0000; N: -0.3430, Plg81.0000, Azm237.0000; P: -2.7369, Plg9.0000, Azm51.0000;

GCMT 02 19:40:23.0, 0.1, 6.21S:0.1x107.24W:0.1, h12km, MW5.5/156, Moment Tensor Solution. s135,c232; s156,c309. Duration: 193. Moment tensor: Scale 1017 N; Mn:-0.05; Mw:0.02; Mx:0.43; My:0.37; Mz:0.2; Mw:0.03; Mw:1.84; Mw:1.02; Mw:0.25; Mw:0.4. Best double couple: Mw:1.90000x1017 NP1:96.00000, 882.00000,

lambda.0.00000. NP2:186.00000, 890.00000, -1.172.00000; Principal axes: T: 1.9260, Plg5.0000, Azm321.0000; N: -0.0530, Plg82.0000, Azm187.0000; P: -1.8740, Plg5.0000, Azm51.0000; nsta1 refers to body waves, cutoff=400s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 02 19:40:23.4, 0.6, 6.15S:107.41W, h10km

ISC 02 19:40:21.9, 0.6, 6.23S:0.07, 107.39W:0.06, h12km, 2km, h12km:pp-P, n466, r1977/217, mb5.1/137, MS5.2/10, 1D,

Central East Pacific Rise

Main station list table for the right page with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Puerto Ayora, Rapa Nui, Tiapa, Matias Romero, etc.

2d 19h

Table with columns: Station, Name, Frequency, Power, Mode, and various numerical values. Includes stations like LPaz, PB14, PB06, etc.

2020 DEC

Table with columns: Station, Name, Frequency, Power, Mode, and various numerical values. Includes stations like TBI, TBI, MT13, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and various numerical values. Includes stations like Y60A, PDAR, PDAR, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like Lac du Bonnet, Ushuaia, Brasilia, Santa Maria do, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like South Pole Qui, Tin City, Wanda, Wake Island, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, Time, Res. Includes stations like GTOI, KMSI, DMSP, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BOTLY, BQSF3, CTOCR, etc.

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

Table with columns: Station Name, Time Res, ISC, h m s, ISC. Includes stations like JAGI, JAGI, JAGI, etc.

MOS 02 20:36:20.7-0.9, 3.41'S, 123.25'E, h12km, mb5.5/61, Error ellipse: s-maj=7.8km s-min=4.6km az=121.0

ISC 02 20:36:23.5-0.4, 3.51'S, 123.24'E, 0.04, h19km, 1km, h20km, pP, n679, r131/677, mb5.2/167, MS4.6/69, 30C-17D, Sulawesi

JAGI Jajag, Banyuwa 10.29 241 Pn Pn 20 38 51.4 +1.2 JAGI Jajag, Banyuwa 10.29 241 P 20 38 51.6 +1.4 JAGI Jajag, Banyuwa 10.29 241 Pn 20 38 52.0 +1.7

2d 20h

2020 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RPZ Rata Peaks, TUWZ Tuamarina, MWSW Moikau Station, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like YAK comp=Z,306nm,5.2s, YAK comp=N,163nm,3.4s, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MAW Mawson, MAW Mawson, SAKB Bahrain, etc.

Table with columns: LABN, comp, Z, Az, El, pmax, P, 20 49 08.3 -1.1, etc. Includes stations like Novokhoporsky, Yermizino-Bor, Vesolyoye, Kelkit, Sochi, etc.

Table with columns: F28M, comp, Z, Az, El, pmax, P, 20 49 08.3 -1.1, etc. Includes stations like Old Crow, Minsk, Nuku Hiva Isla, etc.

Table with columns: SVLW, Savane Anatole, 0.51 241, Pn, 20 50 15.1 +0.2, etc. Includes stations like Savane Anatole, Morne la Croix, etc.

PRU 02 20:49:59.3, 50.20N, 18.30E, h0km, Poland

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like STEB Toraborce, MORC Moravsky Berou, etc.

IDC 02 20:49:50.2, 5.2, 14.79N; 60.98W, h0km, mb3.8/6, mbmp3.8/6, Error ellipse: s-maj=155.4km s-min=34.5km

TRN 02 20:49:59.7, 15.12N; 60.54W, h1km, MD3.9, North-east of Martinique, NEIC 02 20:50:02.0, 0.6, 15.07N; 0.05:60.7W; 0.1, h74km, 8km, mb4.2/4, Error ellipse: s-maj=19.0km s-min=5.8km

ISC 02 20:50:01.7, 0.8, 15.09N; 0.03:60.71W; 0.08, h74km, 7km, n59, 0.97475, mb3.9/6, Leeward Islands

JMA 02 21:26:01.5, 0.5, 46.7N; 3.15E, h210km, MV3.5/14, SKHL 02 21:26:08.0, 0.4, 44.00N; 151.20E, h61km, 6km, mb4.2/5, ISC 02 21:28:07.1, 4.6, 43.77N; 0.4, 151.2E; 0.2, h35km, n10, c188/14, East of Kuril Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like SHO Shikotan, SHO 30nm, 0.5s, SHO 70nm, 0.5s, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes entries like H01W3 Cape Leeuwin H, WRA Warramunga Arr, PMG Port Moresby, etc.

IDC 02 22:05:44.6;7.0,35;175;178;78E, h196km,75km, mb3.0/2, mbmp3.6/3, Error ellipse: s-maj=98.4km s-min=44.2km a-z=1.0

WEL 02 22:05:45.3;1.9,35;52;17;9E;2.0, h172km,43km, M4.5/16, ML4.5/11, MLV4.5/16, Error ellipse: s-maj=37.8km s-min=13.7km a-z=38.6

ISC 02 22:05:41.8;1.8,35;12S;0.10;179;2E;0.1, h200km, n38, o172/43, Off east coast of North Island

Main table for 2020 DEC section, listing station codes, names, coordinates, and seismic data.

ATH 02 22:17:37.6;37;84N;26;95E, h19km, 1km, ML2.9/9, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

AFAD 02 22:17:38.0;37;90N;26;94E, h7km, 3km, ML2.9

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes entries like DGB zmir, GMLD Gumuldur, etc.

Main table for 2020 DEC section, listing station codes, names, coordinates, and seismic data.

IDC 02 22:21:38.4;0.9,57;12S;141;04W, h0km, mb4.0/8, mbmp4.0/8, MS3.9/17, Error ellipse: s-maj=34.2km s-min=22.4km a-z=2.0

ISC 02 22:13:39.7;0.9,57;1S;0.2;141;0W;0.2, h10km, n42, o051/12, mb4.2/8, MS3.9/17, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes entries like VVDA Vanda, GQSA South Pole Qui, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes entries like H03S1 Juan Fernandez, H03S3 Juan Fernandez, etc.

GII 02 22:27:03.5;0.0,34;048N;0;005;36;711E;0;001, h0km, Mvs2.5, confirmed

GRAL 02 22:27:05.4;0.4,33;75N;36;94E, h23km, 14km, MD3.3

ISC 02 22:27:05.2;5.2,33;90N;0;05;36;83E;0.08, h13km, 14km, n29, o090/46, Jordan-Syria region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes entries like ZAHL Zahle, ZAHL Hawqa, etc.

IDC 02 22:56:44.4;1.2,33;04N;72;91E, h0km, mb4.0/10, mbmp3.9/13, ML3.3/3, Error ellipse: s-maj=26.4km s-min=18.5km a-z=69.0

NDI 02 22:56:46.4;1.8,32;93N;72;70E, h10km, ML3.6, MW3.7, Presumed earthquake

ISC 02 22:56:48.6;0.7,32;93N;0;06;72;74E;0.07, h35km, n26, o1867/36, mb4.0/8, Pakistan

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes entries like JMU Jammu, SRNI Srinagar, etc.

Table with columns: UZB, UZB, UZB, SALK, SALK, SHLS, SHLS, SHLS, PDGK, PDGK, KNOS, KNOS, DJR, DJR, DJR, DJR, KK31. Includes station names like Uzynbulak, Salom-Alik, Shalkode, and Karatay Array.

NEIC 02:23:55.34.3.1.3, 2.1251N.0.08.144.55E.0.07, h10km, 1km, mb4.6/21, Error ellipse: s-maj=16.7km s-min=4.1km az=140.0

IDC 02:23:55.40.0.1.7, 12.528N.144.43E, h48km, 15km, mb3.7/15, mbtmp4.0/15, MS3.7/4, Error ellipse: s-maj=20.5km s-min=14.9km az=111.0

ISC 02:23:55.37.1.0.7, 12.521N.0.09.144.5E.0.1, h30km, n61, c0759/51, mb4.3/25, South of Mariana Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GUM0, DAV0, WRA0, etc.

2020 DEC

Table with columns: NEW, NVAR, FINES, FINES, LPAZ. Includes station names like Newport, Mina Array Bea, FINESS Array B, FINESS Array B, La Paz.

KRNET 02:23:55.59.5.0.1, 39.07N.75.96E, mb3.5 SOME 02:23:58.03.7, 39.28N.76.07E, h10km, n22, c26144, 18C-12D, Southern Xinjiang

Main station list table for the 2020 DEC section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SFK, NNRN, SALK, etc.

NEIC 02:23:56.35.3.1.2, 12.48N.0.06.144.55E.0.2, h10km, 2km, mb4.6/15, Error ellipse: s-maj=29.0km s-min=4.7km az=110.0

IDC 02:23:56.41.0.1.6, 12.56N.144.63E, h62km, 13km, mb3.8/13, mbtmp4.1/13, MS3.8/3, Error ellipse: s-maj=25.5km s-min=17.0km az=102.0

ISC 02:23:56.37.2.0.8, 12.47N.0.09.144.6E.0.1, h30km, n44, c091/33, mb4.3/22, MS3.7/3, South of Mariana Islands

Main station list table for the 2020 DEC section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GUM0, WRA0, etc.

3d 0h

Table with columns: D25K, KBL, KBL, HRA, HRA, AB31, AB31, ABKAR, YKA, NVAR, FINES, PDAR, ANMO, LPAZ. Includes station names like Kavik River, Kabul, Herat, Akbulak array, etc.

BJI 03:00:18:45.7, 12.54N.144.98E, h24km, mb5.3/4, mb4.5/28, mb4.9/32, Mb4.7/4.5/2

NEIC 03:00:18:48.1.1.2, 12.52N.0.07.144.5E.0.1, h10km, 1km, mb4.9/37, Error ellipse: s-maj=21.2km s-min=10.4km az=106.0

IDC 03:00:18:53.6.1.3, 12.53N.144.68E, h63km, 11km, mb3.8/18, mbtmp4.1/18, MS3.7/24, Error ellipse: s-maj=20.6km s-min=13.1km az=92.0

DJA 03:00:18:53.8.0.7, 13.1N.8.14.5E.2.0, h66km, 10km, M4.4/7, mb5.8/2, mb5.0/7, MLv4.1/1, Mw(MB)5.4/2

ISC 03:00:18:50.0.0.4, 12.45N.0.05.144.61E.0.08, h30km, n108, c1029/91, mb4.7/48, MS3.6/21, 1D, South of Mariana Islands

Main station list table for the 3d 0h section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GUM0, DAV0, WRA0, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Hualapai Mount, Paradox Valley, Blue Mesa, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like TXAR Lajitas Array, TXAR Hilar, NRK Nori'sk, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HNS HongShan, BTO2 Baotou, SGF Sodankyl, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VSU Vasula, DRUM Mains of Drum, TJOU Tjober, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VORR Voronezh, VRH Novokhoporsk, VSR Storozevoje, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KOLS Kolonicke sedl, CKRC Cesky Krumlov, JAVC Velka Javorina, etc.

3d 1h

Table of station data for 3d 1h, including columns for call sign, name, frequency, and other technical details.

2020 DEC

SGS 03 01:26:00.1, 25:17N-37:96E, h40km, M10.8, Western Arabian Peninsula

Main table of station data for the 2020 DEC event, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

112

Table of station data for the 112 event, including columns for call sign, name, frequency, and other technical details.

Table with columns: BMAR, TOR, CPUP, VFLA, ATAH. Rows include station names like Burnt Mountain, Torodi Ar. Bea, Villa Florida, etc.

SJA 03 01:52:48.9, 0.6, 21.29S, 68.94W, h132km, ML4.0, MW3.9
VAO 03 01:52:49.6, 1.2, 21.22S, 68.68W, h98km, 6km, mb4.3,
Presumed earthquake
NEIC 03 01:52:50.3, 1.2, 21.26S, 0.04:68.90W, 0.07, h116km, 4km,
mb4.6/17, ML4.0(GUC), Error ellipse: s-maj=9.5km
s-min=6.3km az=79.0
IDC 03 01:52:51.1, 2.8, 21.24S, 68.47W, h113km, 22km, mb3.8/4,
mbmp4.0/8, Error ellipse: s-maj=28.8km s-min=23.3km
az=105.0
GUC 03 01:52:51.3, 0.8, 21.27S, 68.91W, h116km, 4km, ML4.0,
Presumed earthquake
ISC 03 01:52:49.7, 0.6, 21.28S, 0.03:68.91W, 0.05, h121km, 5km,
n128, 0.152/160, mb4.6/6, 14C, Chile-Bolivia border
region

Main table of station data for the left column, including columns for Code, Station Name, Az, Phase, ID, Time, Res, and ISC.

Main table of station data for the middle column, including columns for Code, Station Name, Az, Phase, ID, Time, Res, and ISC.

Main table of station data for the right column, including columns for Code, Station Name, Az, Phase, ID, Time, Res, and ISC.

NEIC 03 02:32:24.2, 1.4, 5.2N, 0.1:124.3E, 0.2, h445km, 12km,
mb4.1/1, Error ellipse: s-maj=26.4km s-min=6.9km
az=55.0
IDC 03 02:32:33.7, 7.2, 4.93N, 124.72E, h597km, 113km, mb2.8/5,
mbmp3.8/5, Error ellipse: s-maj=24.2km s-min=30.1km
az=63.0
ISC 03 02:32:23.6, 0.7, 5.1N, 0.1:124.3E, 0.1, h450km, n20,
0.1509/122, mb3.7/12, Mindanao

Main table of station data for the right column, including columns for Code, Station Name, Az, Phase, ID, Time, Res, and ISC.

Table of astronomical observations for 2020 DEC, columns 1-4. Includes objects like CBOC, HELC, Santa Helena, RCBR, etc.

Table of astronomical observations for 2020 DEC, columns 5-8. Includes objects like MAW, MAW, MAW, MAW, etc.

Table of astronomical observations for 2020 DEC, columns 9-12. Includes objects like WRA, WRA, WRA, WRA, etc.

NORS 03 03:05:28.3, 41:29N:43:91E, h7km, MPVA3.6
ISK 03 03:05:30.3, 41:35N:43:95E, h5km, ML2.3/8
AZER 03 03:05:32.5, 41:15N:44:11E, h4km, ml2.6
DRS 03 03:05:35.0, 41:15N:44:06E, h0km
ISC 03 03:05:31.1, 2.4130N:02:44.02E:0.03, h1km, 11km, n30, i=127/55, Western Caucasus

Table with columns: Code, Station Name, Az, Phase, I, G, h, m, s, ISC, Time, Res. Includes entries like TBGL, TBGL, TBGL, etc.

3d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GDB GEDABAY, SENK Senkaya-Erzuru, LACR Lac, etc.

NEIC 03 03:18:09.9.1.1, 38°16'4N, 0:009:117:843W, 0:008, h7km, 1km, mb4.3/2, ML3.9/166, Mwr4.0/89, ML4.0/9(REN), Error ellipse: s-maj=1.5km s-min=0.6km az=210.0, Moment Tensor Solution, Moment tensor: Scale 10^15Nm; Mn=0.20; Mw=0.58; Ms=0.78; Mo=0.30; Mo=1.17; Mo=0.30; Fault plane solution: Ms1.43000x10^15 NPl:73.43000°, 873.71000°, A-11.01000°. NP2:166.56000°, 879.44000°, A-163.42000°. Principal axes: T 1.4588, P194.0000, Azm293.0000; N -0.0637, P1970.0000, Azm198.0000; P -1.3911, P1919.0000, Azm31.0000;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include COLR Columbus, NV11 Mina Array Sit, NV06 Mina Array Sit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NV09 Mina Array Sit, LHV Little Hooton, LHV, MZP Montezuma Peak, etc.

2020 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PAHR comp=N,299nm,1.5s, CMB Columbia Colle, MPK Maris Peak, etc.

116

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include L04D Klamath Falls, KHMM Horse Mountain, CTU Camp Tracy, etc.

Table with 7 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UNCR, KRRN, TLTR, DIGR, etc.

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, PEIG, CRIG, MGIG, etc.

Table with 7 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSI, GSI, GSI, GSI, etc.

2020 DEC

Table with columns for station ID (e.g., HHC, BJT, BLDU), station name, coordinates, and various data points like Pmax, P, and time.

Table with columns for station ID (e.g., GNI, ARTI, KMBQ), station name, coordinates, and various data points like LR, Iamb, and time.

Table with columns for station ID (e.g., QSPA, TORO, TORO), station name, coordinates, and various data points like Iamb, P, and time.

DC 03 04:02:54.8:2.4, 6.64S; 129.59E, h83km, 31km, mb3.6/2, mbmp3.6/6, MS3.7/1, Error ellipse: s-maj=46.6km

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and various data points.

BGSI 03 04:36:16.6:2.1, 26.29S; 28.07E, h0km, 74km, ML2.8, Presumed earthquake

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and various data points.

BUL 03 04:36:21.1:1.1, 26.47S; 27.68E, h10km, MD3.5, Presumed earthquake

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and various data points.

ASRS 03 05:05:47.0: 1.5, 54.76N, 83.77E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 03 05:05:47.2: 54.73N, 83.63E, h0km, mbmp3.02, ML2.2/3, Error ellipse: s-maj=19.6km s-min=12.1km

az=161.0, Southwestern Siberia

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

ASRS 03 05:14:45.0: 1.2, 54.67N, 83.74E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 03 05:14:45.1: 54.66N, 83.57E, h0km, mbmp3.1/3, ML2.3/3, Error ellipse: s-maj=17.8km s-min=11.7km

az=166.0, Southwestern Siberia

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

BJI 03 05:15:28.0, 38.20N: 118.00W, h7km, mB5.3/2, mb4.8/8, M2.7, 4/2

IDC 03 05:15:29.4: 0.5, 38.15N: 118.02W, h0km, mb4.4/18, mbmp4.4/27, ML3.9/10, MS4.1/39, Error ellipse: s-maj=9.5km s-min=6.6km az=64.0

NEIC 03 05:15:29.5: 1.6, 38.156N, 0.008: 118.07W, 0.01, h6km, 2km, mb4.8/88, ML4.8/10, Mw4.8/202, ML4.9/13(REN), Error ellipse: s-maj=1.4km s-min=1.0km az=134.0, Moment Tensor Solution.

REN 03 05:15:30.0: 1.9, 38.18N, 0.01: 118.07W, 0.01, h5km, 2km Error ellipse: s-maj=2.0km s-min=1.3km az=50.0

PTWC 03 05:15:30, 38.20N: 118.00W, h0km, Mwp5.0/8

GCMT 03 05:15:33.0: 2.38, 38.22N, 0.02: 118.03W, 0.02, h15km, 1km, MW4.9/104, Moment Tensor Solution.

REN 03 05:15:33.0: 2.38, 38.22N, 0.02: 118.03W, 0.02, h15km, 1km, MW4.9/104, Moment Tensor Solution.

California-Nevada border region

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

2020 DEC

Main table with columns: YERR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Main table with columns: YBH, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

3d 5h

Table of earthquake data for 3d 5h period, including station names like YKA, 747A, WCI, etc., and their corresponding coordinates and magnitudes.

2020 DEC

Main table of earthquake data for December 2020, listing station names (NR1K, LPZA, etc.), coordinates, magnitudes, and other parameters.

120

Table of earthquake data for magnitude 120, listing station names (MT05, SJPY, etc.) and their coordinates.

Geological notes and station information for magnitude 120, including station names like GLL 03 05:45:15.7, 0.38, 923N, etc.

Table of earthquake data for magnitude 120, listing station names (BTM, SVAN, etc.) and their coordinates.

Main table containing station names, call letters, coordinates, frequencies, and signal strength data for various locations.

3d 5h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like Mazda, Feodosiya, Sudak, Sevastopol, etc.

2020 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like Bicaz, Ar Rayn, Belgor, etc.

122

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like Minazif, Hatta, Dubai, etc.

123 MORC Moravsky Berou 20.98 312 P P 05 50 02.9 -0.2 420 DEC 2020 3d 5h

Table with columns for call sign, name, frequency, power, and time. Includes stations like BOJS Bojanci, PAOL PAOL, KIRV Kirov, and many others.

Table with columns for call sign, name, frequency, power, and time. Includes stations like BIAO Bad Ischl, VSU Vasula, KBA Koelbrenreiser, and many others.

Table with columns for call sign, name, frequency, power, and time. Includes stations like NEUB Neuenburg, MSA Maissana, DAVA Dava, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Semipalatinsk, NORSAR Array B, Makanchi Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GTA2, Talya, Borgarnes, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK, Kangerlussuaq, Ambohitratompo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like COLA College, ILAR Eielson Array, ILAR Clear Creek Bu, etc.

IDC 03 06:15:45.0 0.6 56.91S: 140.82W, h0km, mb4.3/10, mbtmp4.3/10, MS4.4/39, Error ellipse: s-maj=21.6km s-min=18.1km az=2.0
NEIC 03 06:15:47.2 1.0 57.0S: 0.1:140.9W, 0.2: 1, h10km, 1km, mb5.0/39, Error ellipse: s-maj=20.8km s-min=17.9km az=354.0
GFZ 03 06:15:47.0 0.57 00S: 140.74W, h21km, Mw5.3/35, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn:0.02; M0:0.81; M1:0.83; M2:0.89; M3:0.89; M4:0.02; Fault plane solution: M1:216x10^17 NP1: 6:11.37619; 8:8.86686; A:0.72936; NP2:21.36177; 8:9.27078; A:1.789677. Principal axes: T: 1.2035; P1:3169; Azm:336.3657; N: 0.0160, Plg:68.6524; Azm:168.6052; P: -1.2195, Plg:2856; Azm:66.3723; mb4.9/36
GCMT 03 06:15:51.2 0.1 57.15S: 0.01:140.54W:0.01, h16km, Mw5.3/42, Moment Tensor Solution. s11c:c171; s142:c250; Duration: 1s2 Moment tensor: Scale 10^17 Nm; Mn: 0.22; M0: 1.01; M1: 0.2; M2: 0.79; M3: 0.10; M4: 0.86; M5: 0.38; M6: 0.5; Best double couple: M1: 320000.1017 NP1: 291.00000; 8:75.00000; A: -13.00000; NP2: 25.00000; 8:77.00000; A: 164.00000; P: 1.2590, Plg: 2000; Azm: 158.0000; N: 0.0780, Plg: 70.0000; Azm: 62.0000; P: -1.2810, Plg: 2000; Azm: 249.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 03 06:15:46.8 0.3 56.98S: 0.07:140.79W:0.07, h10km, n179, o078/136, mb4.9/55, MS4.5/39, CA, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like SBA Scott Base, VYDA Vanda, VYDA Vanda, BFZ Birch Farm, etc.

Table with columns: STKA, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like STKA Stephens Creek, STKA Stephens Creek, AC02 Maricunga, etc.

3d 6h

Table listing meteorological data for stations 3d and 6h, including codes, station names, and various numerical values.

2020 DEC

Main meteorological data table for December 2020, listing stations like KOFK, OKTU, and various numerical values.

126

Meteorological data table for station 126, including code, station name, and various numerical values.

Table listing meteorological data for stations 3d and 6h, including codes, station names, and various numerical values.

Meteorological data table for stations 3d and 6h, including codes, station names, and various numerical values.

Meteorological data table for station 126, including code, station name, and various numerical values.

mb4.7/1,MLV3.8/6,MW(mB)4.0/1
ISC 03 06:35:34.3-0.8,2.61 S,0.05,-127.44E:0.05,h29km,n15,
c1577/21,mb3.7/4,Cerami Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like NLAI Namlea, SANI Sanana, MASOHI Masohi, etc.

IDC 03 07:00:58.4-3.8,53.55N-87.69E,h0km,mbtmp2.9/2,
ML2.6/2,Error ellipse: s-maj=33.0km s-min=18.0km
az=72.0

ASRS 03 07:00:55.0:1.3,53.51N-87.74E,h0km,ML2.7(MOS),The
earthquakes of Russia in 2020. Obninsk, GS RAAS,
2022, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

CATAC 03 07:11:38.5-0.6,8.4N-4.8W,h10km,2km,M3.7/16,
MLV3.7/16,Error ellipse: s-maj=9.3km s-min=4.3km
az=28.0,confirmed

UCR 03 07:11:39.2-0.8,8.44N-82.83W,h25km,1km,MW3.7,
Presumed earthquake

UPA 03 07:11:39.6:1.6,8.46N-82.76W,h16km,1km,MW3.8,
Fault plane solution: NPT,σ140.0000°,δ37.0000°,
τ1.38.0000°, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like LPPC Paso Canoas, CDIDO Canoas, BAGA3 Bagala, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like CN12 KKNTU Kakint, PDCAN Manzana, CEUA Cerro Uatsi, etc.

REN 03 07:17:13.8-1.5,38.17N-101.03W,h0km,8km,
Error ellipse: s-maj=10.9km s-min=3.5km az=97.0

NEIC 03 07:17:12.2-2.4,38.201N-100.006W,h17.88W,0.01,
h5km,1km,ML2.2/2,ML2.5/7(REN),Error ellipse:
s-maj=2.9km s-min=2.1km az=179.0,Nevada

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like NV11 Mina Array Sit, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like TPH comp=N,333nm,0.3s, LHV Little Huntoon, etc.

IDC 03 07:29:31.4-1.4,24.14S:66.83W,h186km,15km,mb3.5/6,
mbtmp3.9/12,Error ellipse: s-maj=20.8km s-min=11.4km
az=92.0

SJA 03 07:29:32.6:0.6,24.18S:66.81W,h224km,4km,ML4.1,
MW3.8

GUC 03 07:29:32.9:0.6,24.26S:66.89W,h217km,7km,ML4.3,
Presumed earthquake

NEIC 03 07:29:34.3:1.6,24.13S:0.06:66.9W:0.1,h216km,7km,
mb4.3/29,ML4.3(GUC),Error ellipse: s-maj=14.3km
s-min=9.2km az=92.0

VAO 03 07:29:36.4:1.1,23.89S:66.52W,h204km,11km,mb4.0,
Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like SALTA San Lorenzo, SLA San Lorenzo, etc.

Table with columns: Station Name, Type, Azimuth, Distance, Magnitude, etc. Includes stations like PB14, PB05, PB05, etc.

Table with columns: Station Name, Type, Azimuth, Distance, Magnitude, etc. Includes stations like WHTX, WVT, WVT, etc.

Table with columns: Station Name, Type, Azimuth, Distance, Magnitude, etc. Includes stations like QSPA, AB31, AB31, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Pinedale Array, Big Grassy Mou, ASCENSION HYDRA1, etc.

IDC 03 09:25:37.5s,3.7,53.85N,88.21E, h0km, mblmp2.9/2, ML2.6/2, Error ellipse: s-maj=29.3km s-min=22.7km az=50.0

ASRS 03 09:25:35.0,1.0,53.79N,88.21E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, etc.

IDC 03 09:34:26.5,4.4,54.44N,86.98E, h0km, mblmp2.8/2, ML2.5/2, Error ellipse: s-maj=42.8km s-min=20.3km az=63.0

ASRS 03 09:34:27.0,1.2,54.33N,86.75E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, etc.

KRNET 03 09:47:16.3,0.1,43.03N,80.49E, mb3.2

NNC 03 09:47:16.5,1.2,42.83N,80.52E, h0km, mb3.3, mpv3.2, Error ellipse: s-maj=7.2km s-min=5.5km az=150.0

SOME 03 09:47:16.7,42.77N,80.52E, h2skm

ISC 03 09:47:17.4,1.4,42.82N,80.46E, 0.05, h10km, n39, c150/68, 12C-6D, Kyrgyzstan-Xinjiang border region

Large table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Ketmen, SHLS, PDGK, SZL, UZB, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KOTIS, KDJ, MDOK, KAPS, etc.

NOU 03 09:52:23.3,21.85S-170.05E, h16km, MLv4.0/18, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like MARNC, INH, PINNC, YATNC, etc.

THE 03 10:40:23.8,38'N,2°E, h15km, 3km, M2.5/11, MLh2.5/11

AFAD 03 10:40:25.6,37.83N,26.83E, h7km, 2km, ML2.5

ISK 03 10:40:26.6,37.87N,26.91E, h8km, ML2.6/15

ISC 03 10:40:25.4,0.9,37.79N,102.26E, 0.03, h11km, 6km, n34, c150/56, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SMG, DGB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like DGB, GMLD, GCAM, etc.

HEL 03 11:01:52.7,0.3,64.79N,30.65E, h0km, ML1.9, Explosion

IGKR 03 11:01:53.0,0.5,64.72N,30.2E,0.4, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

KOLA 03 11:01:55.6,64.88N,31.02E, h0km, ML2.0, Error ellipse: s-maj=19.5km s-min=13.5km az=110.0, Karelia

ISC 03 11:01:52.4,0.9,64.83N,30.76E, 0.04, h0km, n40, c179/58, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like RMF, KU6, etc.

3d 12h

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like Sumiainen, Tornio, Vario, Kalix, Kangasniemi, Lovozero, Keuruu, etc.

DNK 03 11:10:52.4, 3.58°11'N, 11°03'E, h0km, Explosion UPP 03 11:10:51.4, 0.2, 58.2°11'N, 11°24'E, h0km, ML2.3, 1C, Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like Tjoern, Vaenersborg, Onjala, Nasu, Falk, etc.

MOS 03 11:34:27.6, 1.2, 44°32'N, 147°75'E, h59km, mb4.5/1, Error ellipse: s-maj=17.4km, s-min=11.9km, az=52.2 JMA 03 11:34:29.0, 0.4, 44°N, 147°E, h110km, MV3/8/32, SE OFF ETOROFU SKHL 03 11:34:28.0, 0.3, 44°40'N, 147°90'E, h114km, mb4.8/5, mshas=5/5

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like Kuril'sk, Ranu, Oulu, Ullokalla, etc.

2020 DEC

Main table with columns: REI, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like Shikotan, Yuzh-Kuril'sk, Nemuro, Misakicho, etc.

HEL 03 11:48:44.7, 0.2, 66°25'N, 22°99'E, h0km, ML0.9, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like Kalix, Ertisaerv, Tornio, Kuril'sk, etc.

HEL 03 11:48:51.1, 0.1, 60.74°N, 26.87°E, h0km, ML1.4, Explosion, Finland

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes station Vjof.

132

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like baz=299, Pervaja, FIAO, etc.

HEL 03 12:32:32.5, 0.1, 63°97'N, 28°12'E, h0km, ML1.8, Suspected explosion IDC 03 12:32:33.3, 0.2, 63°89'N, 28°12'E, h0km, mbtmp3.0/2, ML1.8/1, Error ellipse: s-maj=45.0km, s-min=13.7km, az=97.0

ISC 03 12:32:31.1, 0.7, 63.99°N, 0.02, 28°11'E, 0.103, h0km, n34, a1920/48, Finland

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like Nilsia, Romuvaara, Oulu, Merjarvi, etc.

IDC 03 12:33:51.6, 2.2, 17°90'S, 178°24'W, h564km, 19km, mb3.3/8, mbtmp4.3/10, Error ellipse: s-maj=27.4km, s-min=25.1km, az=28.0

ISC 03 12:33:52.6, 1.4, 17.8S, 0.2, 178.3W, 0.2, h579km, n14, a063/15, mb3.9/8, Fiji Islands region

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like Stephens Creek, etc.

Table with columns: WRA, Warramunga Arr, 44.73 259 P, P, 12 41 15.6 0.0, etc.

BUI 03 12:37:06.6, 56:02N, 111:15E, h9km, mb4.8/12, mb4.5/48, Ms4.8/26, Ms7.4/5/26, MOS 03 12:37:07.8, 0.9, 55:77N, 110:97E, h6km, mb4.8/41, MS4.1/17, Error ellipse: s-maj=5.4km s-min=3.6km az=69.8, MOS Felt (V) at Kumora, IDC 03 12:37:08.7, 0.4, 55:78N, 111:03E, h0km, mb4.4/34, mbtmp4.5/44, ML4.7/8, MS3.9/76, Error ellipse: s-maj=8.3km s-min=6.7km az=139.0, BYKL 03 12:37:09.4, 0.1, 55:73N, 111:03E, h5km, 2km, FELT I=V MSK at Kumora, NEIC 03 12:37:09.7, 1.7, 55:82N, 0:06, 111:1E, 0.1, h10km, 1km, mb4.9/60, Error ellipse: s-maj=10.1km s-min=9.6km az=144.0, GFZ 03 12:37:10.6, 55:78N, 111:24E, h13km, Mw4.6/8, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr-1.11; Mss0.89; Mtt0.22; Mss0.21; Mss0.31; Mrr-0.00; Fault plane solution: Mo1.08323x10^16 Np1.71, 83.0309, 55.25356, -1.85, 50950. NP2: 244.82796, 639.95747, -1.95, 37854. Principal axes: T 1.0286, Plg5.1575, Azm158.6438, N 0.1020, Plg3.4512, Azm248.9557; P 1.1306, Plg3.7891; Azm12.6086; GFZ 03 12:37:10.1, 0.3, 56:14N, 111:1E, h10km, M4.9/24, mb4.9/24, GCMT 03 12:37:11.7, 0.3, 55:81N, 0:03, 110:92E, 0.07, h15km, 1km, MW4.7/90, Moment Tensor Solution. s1,c14; s90,c120; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-1.48, 15; Mss1.10, 09; Mtt0.38, 08; Mss0.02, 17; Mss0.45, 05; Mss0.36, 21; Best double couple: Mo1.47400, 10^16 Np1.39, 73.00000, 54.30000, -1.4, 105.00000. NP2: 231.00000, 649.00000, -1.4, 105.00000. Principal axes: T 1.3960, Plg3.0000, Azm331.0000; N 0.1610, Plg11.0000, Azm240.0000; P -1.5530, Plg78.0000, Azm77.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, ISC 03 12:37:09.5, 0.5, 55:81N, 0:02, 111:14E, 0.02, h8km, 2km, n430, c19/515, mb4.7/117, MS4.0/75, 21C-12D, Lake Baykal region

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

Main table with columns: NLYR, comp=N, 2um, 0.7s, max, 12 38 08.9, etc.

Table with columns: TUP, e, 12 38 43.9, Sn, 12 39 29.2 +0.3, etc.

3d 12h

Table with columns: ULN, comp, Z, frequency, pmax, pmax, ULN, comp, Z, frequency, pmax, pmax. Includes stations like Ulanbatar, Hailar, Songino Array, Zeya, Kungurto, etc.

2020 DEC

Table with columns: NR/KL, Nori'sk/Nikolayevsk, 17.20 331/17.31 86, Pn/Pn, 12.41 05.9 -3.9/12.41 11.8 +0.5, Pn/Pn, pmax/pmax. Includes stations like NK/L, NK/L, NK/L, etc.

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Table with columns: YSS, comp, E, frequency, smax, smax, YSS, comp, E, frequency, smax, smax. Includes stations like KSAR, KSAR, KSAR, etc.

Table with columns: ARTI, comp, frequency, SNR, and other parameters. Includes entries like 'Arti 28.84 293 P P 12 43 07.6 -0.4', 'KK31 Karatay Array 28.86 261 P pmax 12 43 06.9 -1.4', etc.

Table with columns: NEUR, D27M, MINK, MNRK, etc. Includes entries like 'NEUR comp=Z,197nm,9.0s 44.82 29 P P 12 45 24.3 +0.8', 'D27M Malcolm River 44.82 29 P Iamb P 12 45 29.3', etc.

Table with columns: VOIR, VRAC, CLL, Colim, etc. Includes entries like 'VOIR comp=Z,8.0nm,1.0s 52.18 297 P P 12 46 22.0 +1.5', 'VRAC Vranov 53.50 306 LR LR 13 13 38.5', etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Tenmabayashi, Petropavlovsk, Wajun Array, etc.

IDC 03 14:58:01.4, 1.7, 2.65S, 127.45E, h0km, mb3.1/2, mbmp2.2/4, ML3.2/2, Error ellipse: s-maj=30.2km s-min=22.7km

DJA 03 14:58:04.7, 0.4, 1.4, 3.2S, 127.7E, h10km, M2.9/6, ML2.8/5, MLV2.8/6

IDC 03 14:58:05.6, 1.2, 2.7S, 0.1, 127.5E, 0.1, h29km, n5, c036/7, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Namlea, Sorong, Warramunga Arr, etc.

IDC 03 15:03:52.6, 0.7, 5.48N, 61.42E, h0km, mb4.0/13, mbmp4.0/14, ML4.4/1, MS3.6/21, Error ellipse: s-maj=21.0km s-min=17.0km az=24.0

NEIC 03 15:03:54.4, 1.6, 5.4N, 61.37E, 0.09, h10km, 1km, mb4.4/40, Error ellipse: s-maj=17.2km s-min=14.5km az=195.0

IDC 03 15:03:54.1, 0.5, 5.43N, 0.07, 61.38E, 0.07, h14km, n113, c1508/83, mb4.6/37, MS3.6/15, Carlsberg Ridge

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

IDC 03 15:24:27.5, 0.5, 8.14S, 159.31E, h0km, mb4.3/20, mbmp4.3/24, ML3.9/3, MS3.6/19, Error ellipse: s-maj=18.2km s-min=11.2km az=72.0

NEIC 03 15:24:30.4, 1.4, 8.22S, 0.08, 159.37E, 0.09, h19km, 3km, mb4.7/42, Error ellipse: s-maj=15.8km s-min=6.5km az=50.0

IDC 03 15:24:28.8, 0.4, 8.17S, 0.06, 159.39E, 0.07, h10km, n107, c1505/89, mb4.6/37, MS3.6/15, Bougainville-Solomon Islands region

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

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

IDC 03 15:24:27.5, 0.5, 8.14S, 159.31E, h0km, mb4.3/20, mbmp4.3/24, ML3.9/3, MS3.6/19, Error ellipse: s-maj=18.2km s-min=11.2km az=72.0

NEIC 03 15:24:30.4, 1.4, 8.22S, 0.08, 159.37E, 0.09, h19km, 3km, mb4.7/42, Error ellipse: s-maj=15.8km s-min=6.5km az=50.0

IDC 03 15:24:28.8, 0.4, 8.17S, 0.06, 159.39E, 0.07, h10km, n107, c1505/89, mb4.6/37, MS3.6/15, Bougainville-Solomon Islands region

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

3D 16h

Table of station data for 3D 16h, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like TOZ, FITZ, AMJC, etc.

2020 DEC

Table of station data for 2020 DEC, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers like RAR, ASAR, WRA, ILAR.

NOU 03 15:52:04.8, 13:47:5.165°31'E, h3km, MLV5.1/7, Vanuatu

Table of station data for Noumea, Vanuatu, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers like SANVU, LUES, DVP, etc.

ICC 03 16:16:11.9, 1.6, 7.59S; 128°41'E, h151km, 15km, mb3.5/7, mbmp4.1/12, Error ellipse: s-maj=20.5km s-min=12.9km az=113.0

Table of station data for ICC 03, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers like SAUI, SAUI, SAUI, etc.

Code Station Name Δ° AZ° Phase ID Time Res

Main table of station data for 2020 DEC, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers like SAUI, SAUI, SAUI, etc.

Code Station Name Δ° AZ° Phase ID Time Res

Main table of station data for 2020 DEC, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers like ASAR, ASAR, ASAR, etc.

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Table of station data for 138, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers like GLKZ, RIZ, RAO, etc.

DNK 03 16:35:29.8, 1.4, 51°55'N; 15°93'E, h0km, ML2.7, Suspected explosion

Table of station data for DNK 03, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers like IPEC, PRU, BGR, etc.

Code Station Name Δ° AZ° Phase ID Time Res

Main table of station data for 138, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers like KSP, KSP, KSP, etc.

ICC 03 15:44:08.2, 8.8, 20.32S; 177.49W, h344km, 102km, mb3.0/3, mbtmp3.8/4, Error ellipse: s-maj=104.5km s-min=26.2km az=163.0, Fiji Islands region

ICC 03 16:23:20.6, 0.7, 30.79S; 179.99W, h365km, 9km, mb3.3/5, mbtmp4.1/6, Error ellipse: s-maj=20.1km s-min=15.4km az=109.0

WEL 03 16:23:26.5, 1.1, 31°S; 9°17'W; 2.3, h296km, 17km, M4.3/9, mb4.7/7, ML4.4/7, ML6.7/9, Mw(mb)3.8/6, Error ellipse: s-maj=32.3km s-min=6.4km az=109.0

NOU 03 16:23:48.0, 3.3, 61°S; 179.86W, h432km, mb4.1/12, South of Kermadec Islands

ICC 03 16:23:21.0, 1.0, 8.31, 0.03S; 179°16'W; 0.2, h350km, n35, c239/38, mb3.5/5, Kermadec Islands region

PRU 03 16:35:31.9, 51°54'N; 16°12'E, h0km

BGR 03 16:35:32.0, 0.6, 51°55'N; 16°09'E, h1km, ML3.3/6, Error ellipse: s-maj=7.8km s-min=4.4km az=6.0

VIE 03 16:35:34.3, 1.4, 51°39'N; 16°7'E, h0km, mb3.1/20, s-min=6.9km az=149.0, 38 km NNW of Wroclaw Suspected Mining Induced.

ICC 03 16:35:30.0, 0.6, 51°54'N; 16°03'E; 0.02, h0km, n84, c181/155, mb3.5/4, Poland

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HSKC, MORC, STAC, WETA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like OBKA, WTTA, MYKA, RETA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MSVF, RAO, RAO, LHI, etc.

Technical notes and data for station IDC 03, including coordinates, frequencies, and signal characteristics.

3d 17h

Table of astronomical observations for the 3d 17h period, listing stations like ARTI, AKTO, AKASG, and various object names with their corresponding coordinates and observation details.

2020 DEC

Table of astronomical observations for the 2020 DEC period, listing stations like CHVC, VALD, MAUC, and various object names with their corresponding coordinates and observation details.

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Table of astronomical observations for the 142 period, listing stations like BIOA, BOKA, SLY, and various object names with their corresponding coordinates and observation details.

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like WARRAMUNGA ARR, MTN MANTON DAM, FITZ FITZ, KURK KURCHATOV, etc.

DJA 03 17:15:44.4±1.5, 10°51'10"±12.4E±, h16km, 7km, M2.7/4, ML2.5/4, MLV2.8/4, MLV2.7/4, Thimer region

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like BATI BAUMATA, SOEI SOE, SOEI SOE, SOEI SOE, etc.

IDC 03 17:36:24.2±5.1, 19°16'S×175.78W, h331km, 33km, mb3.0/3, mbmp3.9/5, Error ellipse: s-maj=121.7km

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like MSVF NONSAVU, AFI AFFAMATU, AFI AFFAMATU, ASAR ALICE SPRINGS, etc.

IDC 03 17:45:52.4±50.8, 0.55±43N±0.87E, h0km, Error ellipse: s-maj=261.3km s-min=182.7km az=100.0, North Sea

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like 126DE FREYUNG INFRAS10, I37NO I37NO, I43RU DUBNA INFRAS10, etc.

IDC 03 17:55:03.1±3.5, 9°18'S, 113°20'E, h23km, 22km, mb4.0/15, mbmp4.2/20, ML4.1/5, MS3.3/3, Error ellipse: s-maj=16.4km s-min=11.6km az=37.0

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like JAGI JAJAG, JAGI JAJAG, JAGI JAJAG, etc.

IDC 03 17:55:04.5±0.5, 9°31'S±0.06, 113°22'E±0.05, h36km, n113, ±174/108, mb4.3/3, ID, South of Jawa

Large table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like JAGI JAJAG, JAGI JAJAG, JAGI JAJAG, etc.

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like KAPI KAPPANG, KAPI KAPPANG, KAPI KAPPANG, etc.

IDC 03 18:10:35.1±9.0, 4°16'S, 103°16'W, h0km, mb3.6/4, mbmp3.6/4, MS3.8/2, Error ellipse: s-maj=249.2km

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like BATI BAUMATA, SOEI SOE, SOEI SOE, SOEI SOE, etc.

IDC 03 18:34:10.0, 41°40'N±44°02'E, h12km, MPVA.3.5, ISK 03 18:34:11.6, 41°52'N±44°08'E, h29km, ML2.3/5

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like BLDU BALIDU, KLBK KEBERBERIN, WRA WARRAMUNGA ARR, etc.

IDC 03 18:34:13.0, 41°43'N±44°29'E, h8km, ml2.0, AFAD 03 18:34:12.2, 41°37'N±43°79'E, h8km, 3km, ML1.8

Large table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like WRA WARRAMUNGA ARR, WRAB WARRAMUNGA ARR, WRAB WARRAMUNGA ARR, etc.

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like TIXI, BRTR KESKIN ARR, BRTR KESKIN ARR, etc.

IDC 03 18:10:35.1±9.0, 4°16'S, 103°16'W, h0km, mb3.6/4, mbmp3.6/4, MS3.8/2, Error ellipse: s-maj=249.2km

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like TIXI, BRTR KESKIN ARR, YKA YELLOWKNIFE ARR, etc.

NORS 03 18:34:10.0, 41°40'N±44°02'E, h12km, MPVA.3.5, ISK 03 18:34:11.6, 41°52'N±44°08'E, h29km, ML2.3/5

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like TRLG TRIALETI, TRBG BOGDANOVKA, TRBG BOGDANOVKA, etc.

IDC 03 18:34:10.0, 41°40'N±44°02'E, h12km, MPVA.3.5, ISK 03 18:34:11.6, 41°52'N±44°08'E, h29km, ML2.3/5

Large table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res. Includes stations like TRLG TRIALETI, TRBG BOGDANOVKA, TRBG BOGDANOVKA, etc.

Table with columns for station name, coordinates, and status. Includes stations like ASAR Alice Springs, MKAR Makannai Array, and KURBB Kurchatov Arra.

NEIC 03 19:48:39.71.8, 3.29N,0.06:98.21E,0.06,h128km,4km, mb5.2/147,Mw5.0/11, Error ellipse: s-maj=9.6km s-min=7.4km az=46.0
IDC 03 19:48:39.5/0.3,3.34N,98.31E,h127km,2km,mb4.6/37, mbmp5.0/40,MS3.7/21, Error ellipse: s-maj=11.1km s-min=5.9km az=50.0

Main table for Northern Sumatra region with columns: Code, Station Name, Az, AzE, Op, Phase ID, ISC, Time, Res. Lists stations like PSI Prapat, RNTT Rantau Prapat, LHHM Lhok Sumawe, etc.

Main table for 2020 DEC with columns: SLVN, Son La, Az, AzE, Op, Phase ID, ISC, Time, Res. Lists stations like BKB Balikpapan, QIZ Qiongzhong, BWNR Bhubaneswar, etc.

Main table for 2020 DEC with columns: XAN, Xi'an, Az, AzE, Op, Phase ID, ISC, Time, Res. Lists stations like XAN Xi'an, NPLP NPLP New Delhi, GOMU GeErMu, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 145 MHz range.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 2020 DEC range.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 3d 19h range.

3d 20h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ELI, SAHE, TIXI, etc.

2020 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KHZ, MORC, MODO, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like I28M, SIT, YKA, etc.

3d 22h

Table with columns: Station, Frequency, Mode, and Time. Includes stations like TBLG Delisi, LGD Lagodekhi, and various other locations.

2020 DEC

Table with columns: Station, Frequency, Mode, and Time. Includes stations like OBN, ARTI, MNSK, and various other locations.

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Table with columns: Station, Frequency, Mode, and Time. Includes stations like KAPI, KAPPI, SOEI, and various other locations.

JMA 03 22:16:18.1±0.2, 24:8N:0.6:121.8E:0.7, h103km, 1km, MV3.2/11, TAIWAN REGION

TAP 03 22:16:18.6, 24:85N:121.85E, h102km, ML3.9,B

ISC 03 22:16:17.7±1.3, 24:90N:0.03:121.85E:0.03, h110km, 5km,

n129, o097/237, Taiwan

Table with columns: Code, Station Name, Frequency, Mode, and Time. Includes stations like NTC, NTC, TIPB, and various other locations.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC Magnitude, and ISC Location. Includes events from EOSA, TWT, DCBC, etc.

OSPL 03 22:29:51.4, 0.9, 19.63N, 71.08W, h12km, 7km, ML1.7, Presumed earthquake
SDD 03 22:29:52.6, 1.8, 19.59N, 71.11W, h12km, 14km, MD2.4, ML2.9, MW2.4, Presumed earthquake
ISC 03 22:29:51.4, 1.1, 19.62N, 0.04, 71.10W, 0.06, h16km, 9km, n9, o#85/12, 3C-1D, Dominican Republic region

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC Magnitude, and ISC Location. Includes events from LOPP1, LUDD, REDR, etc.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC Magnitude, and ISC Location. Includes events from AAK, AAK, AAK, etc.

IDC 03 23:12:19.1, 0.9, 36.57S, 77.41E, h0km, mb4.2/11, mbmp4.2/11, MS3.8/30, Error ellipse: s-maj=27.8km s-min=21.1km az=95.0
NEIC 03 23:12:19.4, 1.7, 36.92S, 0.04, 77.4E, 0.1, h10km, 1km, mb4.6/27, Error ellipse: s-maj=19.4km s-min=7.0km az=260.0

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC Magnitude, and ISC Location. Includes events from AIS, AIS, PAF, etc.

Table of astronomical objects (SACU, MESS, PLVR, etc.) with columns for name, magnitude, position, and other parameters.

Table of astronomical objects (Z47A, GOGA, Y49A, etc.) with columns for name, magnitude, position, and other parameters.

Table of astronomical objects (Blackwell, AMTX, BLOX, etc.) with columns for name, magnitude, position, and other parameters.

NEIC 04 02:33:35.9:1.7, 11.77N:07:87.38W:0.07, h10km, 2km, mb4.3/22, Error ellipse: s-maj=12.5km s-min=10.8km az=134.0

IDC 04 02:33:40.5:2.6, 11.98N:87.30W, h45km, 32km, mb3.4/5, mbmp3.7/7, ML3.3/2, Error ellipse: s-maj=99.0km s-min=26.7km az=40.0

ISC 04 02:33:40.6:1.1, 12.00N:01:87.37W:0.1, h48km, n37, r1535/37, mb4.1/15, Near coast of Nicaragua

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC, H, M, S, Res, ISC. Includes stations like CRIN San Cristobal, MGAN Managua, BOAB BOAC BROADBAN 70, etc.

MEX 04 02:35:14.8:0.4, 17.46N:94.93W, h128km, 7km, MD3.7, Presumed earthquake, Chiapas

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC, H, M, S, Res, ISC. Includes stations like CMIG Matias Romero, UXUV UXUV, NEUV Arroyo Zacate, etc.

SNET 04 02:37:02.9:1.8, 10.95N:87.21W, h20km, ML3.3, Presumed earthquake

CATAC 04 02:37:07.4:0.5, 11.1N:2.8W, h5km, 3km, M0.3/6, ML4.0/36, Error ellipse: s-maj=5.0km s-min=2.8km az=25.7, confirmed

NEIC 04 02:37:10.1:2.5, 11.56N:07:87.20W:0.06, h10km, 1km, UNAN UNAN, Error ellipse: s-maj=14.6km s-min=4.7km az=215.0

IDC 04 02:37:13.5:2.2, 11.67N:87.08W, h44km, 22km, mb3.6/7, mbmp3.9/10, ML3.4/3, MS3.6/4, Error ellipse: s-maj=51.6km s-min=14.0km az=43.0

UCR 04 02:37:15.7:1.7, 10.58N:87.11W, h179km, 43km, MW4.7, MB4.4(NEIC), Presumed earthquake

ISC 04 02:37:10.8:1.3, 11.41N:0.04:87.36W:0.04, h28km, 10km, n129, r1571/127, mb4.4/28, MS3.8/3, 2C-14D, Near coast of Nicaragua

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC, H, M, S, Res, ISC. Includes stations like COPN Copaltepe, PACN AI O del Volca, AMTN Mateare, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC, H, M, S, Res, ISC. Includes stations like CONN Concepcion, CARN Rivas, CARN Rivas, etc.

JTS comp=Z, 267nm, 20.5s, baz=291, slow=26, 27m, 0.4s

JTS comp=Z, 62nm, 0.5s, baz=325, slow=18, SNR=3.7, 27m, 0.4s

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC, H, M, S, Res, ISC. Includes stations like JTS Las Juntas de, LCHIL Los Chiles, TGUH Tegucigalpa, etc.

CMIG comp=Z, 2.84nm, 0.5s

CMIG comp=Z, 2.7nm, 0.3s, baz=150, slow=9.4, SNR=7.7, comp=Z, 2.8nm, 0.4s

CMIG comp=Z, 2.24nm, 0.9s

SDV comp=Z, 6nm, 0.7s, baz=272, slow=4.6, SNR=7.6, comp=Z, 10.0nm, 0.8s

SDV comp=Z, 31nm, 1.4s

ATAH comp=Z, 4.1nm, 0.7s, baz=317, slow=7.1, SNR=3.8

152A comp=Z, 1.7nm, 1.1s

LRAL comp=Z, 1.3nm, 0.9s

Y49A comp=Z, 2.1nm, 1.2s

Y52A comp=Z, 2.1nm, 1.2s

229A comp=Z, 2.1nm, 1.2s

CLTN comp=Z, 1.0nm, 1.0s

TPB01 comp=Z, 2.7nm, 0.9s

128A comp=Z, 2.1nm, 1.4s

V58A comp=Z, 1.1nm, 1.1s

WMOK comp=Z, 1.6nm, 1.4s

OC04 comp=Z, 1.2nm, 0.9s

PKV03 comp=Z, 2.5nm, 0.9s

PV17 comp=Z, 5.2nm, 0.7s

PV20 comp=Z, 5.3nm, 0.8s

PV10 comp=Z, 4.5nm, 0.8s

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC, H, M, S, Res, ISC. Includes stations like BDFB Brasilia, BDFB Brasilia, YKA Yellowknife, etc.

SFJD comp=Z, 1.45nm, 19.5s, baz=190, slow=35

ILAR comp=Z, 0.4nm, 0.8s, baz=92, slow=6.2, SNR=3.8, comp=Z, 0.4nm, 0.8s

AHC comp=Z, 1.2nm, 0.8s, baz=98, slow=2.7, SNR=3.1

WRA comp=Z, 0.4nm, 0.8s, baz=87, slow=1.9, SNR=2.3

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

CMAR comp=Z, 1.2nm, 0.8s, baz=353, slow=3.5, SNR=7.5

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like L17K Donlin, SLKM Skilak Lake, L18K Granite Mount, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like NADN Granada, NADN Geotermica Pol, PLRN Cerro Pekin, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like OK052 Battle Ridge R, MNTX Cornudas Mount, SMTA Smta, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like ILAR comp=N,0.3nm,0.3s, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like JTS Juntas de, JTS TECO, JTS TGUH, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like DLBC Dease Lake, DLBC G31M, INK Inuk, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like LOMA Loma Larga, LOMA LOMA, BOQS Boqueron, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, PETK Petropavlovsk, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like GERES GERES Array B, GERES GERES Array B, GERES GERES Array B, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like COPN Copaltepe, AMTN Mateare, LEVN Rutinas Leon Vi, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

SNET 04 02:40:10.9,0.9,11.12N;87.24W,h20km,ML3.9, Presumed earthquake

ISC 04 02:40:12.2,1.1,11.78N;87.06W,h0km,mb4.1/7, mbmp4.1/10,ML3.5/3, Error ellipse: s-maj=45.3km s-min=12.3km az=42.0

CATAC 04 02:40:14.8,1.11N;87.21W;0.06,h10km;1km, mb4.5/99, Error ellipse: s-maj=12.9km s-min=8.2km az=221.0

ISC 04 02:40:12.6,1.5,11.35N;0.04;87.34W;0.03,h10km;gkm, n156,r19.0/148,mb4.5/55,12C-3D,Near coast of Nicaragua

ISC 04 02:43:56.6,0.7,40.40S;78.30E,h0km,mb4.1/12, mbmp4.1/12,MS4.3/34, Error ellipse: s-maj=22.4km s-min=19.0km az=101.0

NEIC 04 02:43:58.2,2.5,40.37S;0.08;78.2E;0.2,h10km;1km, mb4.9/15, Error ellipse: s-maj=21.5km s-min=12.4km az=259.0

GCMT 04 02:43:59.2,0.2,40.44S;0.02;77.88E;0.02,h19km, MW5.0/115, Moment Tensor Solution. s38,c41; s115,c111; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=4.04e-24; M1=0.28e-24; M2=0.43e-24; M3=0.32e-24; M4=1.35e-24; M5=0.18e-24; Best double couple: M4,38100x10^16 NPT1:349.00000; 843.00000; 74.86.00000; NP2:39.1600000; 847.00000; 74.96.00000; Principal axes: T 4.6940; P1g2.0000; Azm255.0000; N -0.6300; P1g4.0000; Azm165.0000; P -4.0670; P1g5.0000; Azm6.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 02:43:58.0,0.5,40.35S;0.08;78.3E;0.1,h10km,n78, r150/43,mb4.5/20,MS4.4/34,2C-5D,Mid-Indian Ridge

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and SNR. Includes stations like AIS Amsterdam Isla, HO4N2 CROZET ISLANDS 207 244, HO4N1 CROZET ISLANDS 209 244, etc.

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

SDD 04 02:47:22.6:1.3, 18.02N:71.30W, h10km, 69km, MD2.9, ML3.4, MW2.8, Presumed earthquake

OSPL 04 02:47:24.6:0.9, 18.15N:71.33W, h12km, 3km, ML2.6, Presumed earthquake

ISC 04 02:47:21.9:1.2, 18.05N:0.05:71.30W:0.04, h19km, 3km, n12, c0548/19, 2C-6D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Polo, El Cajui, Ovi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EI Aguacate, Jimani, Presa de Saban, etc.

NEIC 04 02:53:59.6:0.9, 7.5S:0.1:13.69W:0.09, h10km, 1km, mb4.5/5, Error ellipse: s-maj=27.5km s-min=6.5km az=147.0

IDC 04 02:53:59.8:1.0, 7.44S: 13.18W, h0km, mb4.1/10, mbtmp4.1/10, MS3/9/28, Error ellipse: s-maj=31.7km s-min=25.7km az=117.0

GCMT 04 02:54:01.6:0.3, 7.62S:0.04:13.54W:0.02, h22km, 1km, MV4.9/94, Moment Tensor Solution, s28.c30; s94.c123; Duration: 0 Moment tensor: Scale 1016Nm; Mr-3.05s; 22; Mw0.78±.13; Mw2.28±.13; Mw0.30±.24; Mw0.45±.07; Mw0.74±.17; Best double couple: Ms2.87200x1016

NP1: 162.00000°, δ37.00000°, λ-89.00000°. NP2: 0.341.00000°, δ53.00000°, λ-91.00000°. Principal axes: T: 2.5790, P1g8.0000°, Azm71.0000°; N: 0.5920, P1g1.0000°, Azm341.0000°; P: -3.1650, P1g2.0000°

Azm246.0000°; nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 02:53:59.4:0.6, 7.6S:0.1:13.64W:0.09, h10km, n45, c1551/19, mb3.3/11, MS4.0/27, Ascension Island region

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

ISC 04 02:58:42.6:0.9, 33.22N:47.56E, h6km, 6km, ML3.1, Presumed earthquake

TEH 04 02:58:43.1, 33.25N:47.58E, h7km, 32km, ML3.3, Presumed earthquake

ISC 04 02:58:44.2:1.0, 33.24N:0.04:47.56E:0.03, h15km, n22, Presumed earthquake

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kafar-mosalmam, Cheshme Sefid, Ilam Banvizeh, etc.

CATAC 04 03:03:07.2, 11.2N:2.87W:1.1, h7km, 3km, M3.4/35, mb3.8/1, ML3.3/235, 7C-5D, confirmed Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Copaltepe, Ruinas Leon Vi, O del Volca, etc.

IDC 04 03:04:09.5:1.6, 18.11S:177.93W, h563km, 16km, mb3.2/27, mbtmp4.1/9, Error ellipse: s-maj=19.8km s-min=18.2km az=154.0

ISC 04 03:04:10.6:1.0, 18.0S:0.2:178.0W:0.2, h590km, n12, c152/15, mb3.7/6, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nonsavu, Mont Dzumac, Urewera, etc.

SDD 04 03:19:44.7:1.9, 18.06N:71.38W, h12km, 11km, MD2.8, ML2.7, MW3.1, Presumed earthquake

OSPL 04 03:19:45.7:1.5, 18.16N:71.35W, h4km, 6km, ML2.7, Presumed earthquake

ISC 04 03:19:48.1:0.1, 18.14N:0.03:71.37W:0.03, h9km, 6km, n17, c0777/30, 9C-8D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Polo, El Cajui, Ovi, etc.

4d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like NEDR Neiba UASD, LOBH Bahía de las A, LONE3 El Aguacate, B, etc.

IDC 04 03:24:06.01.7, 17.55Sx166.26E, h0km, mb3.9/4, mbtmp3.9/5, ML3.3/1, MS4.0/2, Error ellipse: s-maj=36.9km s-min=30.2km az=108.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like DZM Mont Dumac, DZM Punta Rusia, P, DZM Warramunga Arr, etc.

JMA 04 03:41:12.10.25 N25°12'x123E.05, h112km, 3km, MV2.4/13, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyuu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like YOJ Yonaguni jima, IRIF Iriomote-Funau, etc.

TAP 04 03:41:51.1, 23.88N, 121.92E, h46km, ML2.7, D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like TEYL Yanliu Villag, TEYL Hwalien, etc.

SDD 04 03:44:21.3.0.8, 18.24N, 71.22W, h34km, 6km, MD2.4, ML2.5, MW2.3, Presumed earthquake

OSPL 04 03:44:23.7.0.9, 18.23N, 71.45W, h9km, 10km, ML1.7, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like LODO1 El Espartillar, PODR Polo, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like NEDR El Aguacate, B, LOBH Bahía de las A, etc.

AFAD 04 03:44:31.9, 39.26N, 27.80E, h10km, 1km, MW3.5, ISK 04 03:44:31.7, 39.28N, 27.79E, h8km, ML3.5/32

ATH 04 03:44:32.6, 39.33N, 27.76E, h8km, 2km, ML3.3/7, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

THE 04 03:44:34.7, 39.15N, 27.82E, h10km, 21km, M3.2/8, ML3.2/8

ISC 04 03:44:32.1, 0.8, 39.28N, 0.01, 27.80E, 0.01, h13km, 6km, n104, e085/157, 5C-7, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like BALIKESIR Sava, Soma-Manisa, Balikesir, etc.

NEIC 04 03:45:41.8, 1.4, 5.1S, 0.1, 150.7E, 0.1, h169km, 1km, mb3.1/14, Error ellipse: s-maj=23.9km s-min=7.6km az=140.0

IDC 04 03:45:45.2, 0.7, 5.25S, 150.75E, h214km, 8km, mb3.4/8, mbtmp4.0/10, Error ellipse: s-maj=27.8km s-min=10.3km az=124.0

ISC 04 03:45:44.2, 0.6, 5.19S, 0.09, 150.58E, 0.09, h200km, n32, e154/35, mb4.0/12, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like KRVT Keravat, KRVT Rabau, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like GMLD Gumuldur, GMLD Mudanya, etc.

NEIC 04 03:45:41.8, 1.4, 5.1S, 0.1, 150.7E, 0.1, h169km, 1km, mb3.1/14, Error ellipse: s-maj=23.9km s-min=7.6km az=140.0

IDC 04 03:45:45.2, 0.7, 5.25S, 150.75E, h214km, 8km, mb3.4/8, mbtmp4.0/10, Error ellipse: s-maj=27.8km s-min=10.3km az=124.0

ISC 04 03:45:44.2, 0.6, 5.19S, 0.09, 150.58E, 0.09, h200km, n32, e154/35, mb4.0/12, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes entries like KRVT Keravat, KRVT Rabau, etc.

CATAC 04 03:51:53.9; 1.0, 8.N.3; 7.7W.1, h11km, 7km, M3.8/16, mb4.1/4, MLv3.6/16, Error ellipse: s-maj=6.7km s-min=3.5km az=20, 1, confirmed
RSNC 04 03:51:54.2; 1.0, 8.N.1; 7.7W.1, h16km, 2km, M3.1, mb4.8, mb3.9, ML2.7, Mw(mb)4.0
ISC 04 03:51:54.2; 1.4, 7.75N, 0.03; 77.23W, 0.03, h23km, 12km, n52, c=1995/73, mb3.4/4, MS4.0/4, Panama-Colombia border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include APAC Apartado, Choc; PTAC Punta Arditia; UPD2 Meteti; DBBC Dabeiba; LCBG Los crdobas; SOLC Bahia Solano; UREC San Jos de Ur; CBOC Ciudad Bolivar; HELC Santa Helena; ZARC Zaragoza, Cau; PIZC Pizarro, Choco; BCIP Isla Barro Col; SJCC San Jacinto, C; PLMC San Jos del P; PTBC PUERTO BERRIO; GUY2C Guyana, Caldas; BRJC Barrancabermej; ARGC Ariguani, Magd; SPBC San Pablo de B; YOTC Yotoco, Valle; OCAC Ocana; ROSC El Rosal; ROSC baz=145, slow=23 5.9nm, 0.4s

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include ROSC El Rosal; ROSC El Rosal; BARC Barichara; RUSC La Rusia; RUSC La Rusia; PRAC Prado; PRAC Prado; CHIC Chingaza; VILC Villavicencio; POPC Popayan, Colom; POPC Correjon, Guaj; CRJC 827nm13nm, 0.6s; CRJC 827nm13nm, 0.6s; TAMC Tame, Arauca; CDITO Canoas; URIC Uribia, Colomb; URIC Uribia; SDV Santo Domingo; LCR2 La Lucha 2; TULM Tulcn-Chalpat; TXAR Lajitas Array; PDAR Pineda Array; ULM Lac du Bonnet; NEW Newport; BBB Bella Bella; YKA Yellowknife Ar; ILAR Eielson Array; PPT Papeete

SDD 04 03:52:15.7; 1.6, 18.18N; 71.44W, h12km, 11km, MD2.5, ML2.9, MW2.8, Presumed earthquake
OSPL 04 03:52:15.5; 0.7, 18.22N; 71.44W, h3km, 3km, ML2.2, Presumed earthquake
ISC 04 03:52:15.0; 1.2, 18.23N; 0.03; 71.44W, 0.04, h9km, 9km, n10, c=954/16, 2C-6D, Dominican Republic region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include LODU1 El Espartillar; LODU1 El Espartillar; LODU1 El Espartillar; PODR Polo; PODR Polo; NEDR Neiba UASD; LONE3 El Aguacate, B; LOBH Bahia de las A; LOVI El Cajuiti, Ovi; JIDR Jimani; ABDR Alto Bandera; BANI BANI; BANI BANI

SJA 04 04:06:14.4; 0.0, 2.73; 70S; 66.75W, h234km, 7km, ML4.9, MW4.6
GFZ 04 04:06:18.0; 0.0, 2.24; 5.2; 6.7W.1, h205km, 4km, M4.9/28, mb5.2/28
VAO 04 04:06:17.1; 0.0, 2.3; 84S; 66.62W, h206km, 4km, mb5.1, Presumed earthquake
MOS 04 04:06:17.1; 1.0, 2.3; 85S; 66.59W, h199km, mb5.3/20, Error ellipse: s-maj=10.7km s-min=6.4km az=97.2
NEIC 04 04:06:17.7; 1.9, 2.3; 86S; 0.06; 66.55W, 0.08, h193km, 4km, mb5.2/648, Mw5.1/36, Mw1.9 (GLUC), Error ellipse: s-maj=10.7km s-min=5.0km az=84.0
NEIC 04 04:06:17.7; 2.3; 88S; 66.57W, h192km
GFZ 04 04:06:17.8; 2.3; 86S; 66.57W, h205km, Mw5.1/54, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn=-6.06; Mso=0.73; Mss=5.33; Mto=0.41; Mso=2.13; Mto=0.78; Fault plane solution: Mo=1.7807x10^16 NP1: p=207.68086, s=42.66169, n=-80.76583; NP2: p=15.21432, s=48.01885, n=-98.41186; Principal axes: T 6.1934, P1g2.6944, Azm111.1583; N -0.0309, P1g6.2430; Azm20.8633; P -6.1626, P1g83.1961; Azm224.3896; IDC 04 04:06:18.0; 1.3, 2.3; 83S; 66.46W, h200km, 10km, mb4.8/16, mtm2p5.3/22 Error ellipse: s-maj=10.6km s-min=7.5km az=63.0
BUJ 04 04:06:18.0; 2.3; 90S; 66.50W, h191km, mb5.4/6
GUC 04 04:06:18.1; 0.6, 24; 19S; 66.82W, h203km, 8km, ML5.1, Presumed earthquake

CATAC 04 04:06:19.0; 1.1, 24; 3; 6.7W.1, 3, h205km, 8km, M5.4/7, mb5.2/7, mb5.2/6, MLv6.0/5, Mw(mb)4.6/6, Error ellipse: s-maj=28.2km s-min=6.3km az=93.8, confirmed
GCMT 04 04:06:21.7; 0.2, 2.3; 91S; 0.02; 66.37W, 0.2, h229km, 1km, MW5.2/120, Moment Tensor Solution. s54, c63; s120, c173; Duration: 150 Moment tensor: Scale 10^17 Nm; Mn=-0.792; Mso=0.06; Mto=0.73; 0.2; Mso=0.05; Mto=0.26; 0.2; Mso=0.18; 0.2; Best double couple: M=0.8290x10^17 NP1: p=207.00000, s=40.00000, n=-78.00000; NP2: p=11.00000, s=51.00000, n=-100.00000; Principal axes: T 0.8390, P1g6.0000, Azm18.0000; N -0.0180, P1g8.0000, Azm18.0000; P -0.8200, P1g80.0000; Azm234.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
RSNC 04 04:06:21.4; 2.2, 24; 3; 17; 6.7W.1, 3, h233km, 17km, M5.0, mb5.4, mb5.2, Mw(mb)4.9, MwMwp4.9, Mw5.2
NEIC 04 04:06:23.1; 2.3; 88S; 66.68W, h200km, Moment Tensor Solution. Duration: 157 Moment tensor: Scale 10^16Nm; Mn=-5.30; Mso=1.16; Mss=4.16; Mto=0.19; Mso=0.96; Mto=0.73; Fault plane solution: Mo=4.98000x10^16 NP1: p=199.72000, s=84.129000, n=-84.65000; NP2: p=12.61000, s=48.93000, n=-94.68000; Principal axes: T 4.4711, P1g4.0000, Azm106.0000; N 0.8998, P1g4.0000; Azm16.0000; P -5.3709, P1g85.0000; Azm243.0000; IDC 04 04:06:16.6; 0.4, 2.3; 85S; 0.03; 66.62W, 0.04, h190km, 3km, h190km; pP, n843, c1959/678, mb5.2/327, 34C-15D, Jujuy Province

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include SALT A San Lorenzo; SALT A San Lorenzo; SALT A San Lorenzo; SALT A San Pedro de A; SALT A San Pedro de A; FSA Cafayete; PB06 IPOC Station P; PB06 IPOC Station P; PB06 IPOC Station P; AHML Horco Molle; AHML Horco Molle; AHML Horco Molle; PB09 IPOC Station P; PB09 IPOC Station P; PB09 IPOC Station P; PB09 IPOC Station P; PB03 IPOC Station P; PB03 IPOC Station P; PB03 IPOC Station P; PB05 IPOC Station P; PB05 IPOC Station P; PB05 IPOC Station P; PB14 IPOC Station P; PB14 IPOC Station P; PB14 IPOC Station P; PB10 IPOC Station P; PB10 IPOC Station P; PB10 IPOC Station P; PB07 IPOC Station P; PB07 IPOC Station P; AC02 Maricunga; AC02 Maricunga; AC02 Maricunga; PB01 IPOC Station P; PB01 IPOC Station P; PB01 IPOC Station P; PB02 IPOC Station P; PB02 IPOC Station P; PB02 IPOC Station P; AC01 Pan de Azucar; AC01 Pan de Azucar; AC01 Pan de Azucar; PB08 IPOC Station P; PB08 IPOC Station P; PB08 IPOC Station P; CVA Choya; CVA Choya; CVA Choya; TA01 Diego Aracena; TA01 Diego Aracena; TA01 Diego Aracena; G001 Chumizma; G001 Chumizma; G001 Chumizma; AC06 Mina Casimiro; AC06 Mina Casimiro; AC06 Mina Casimiro; G003 Copiapo; G003 Copiapo; G003 Copiapo; G003 Copiapo; G003 Copiapo; G003 Copiapo

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include VCA Vinchina; PSCGX Pisagua; ACLC CERRO LA CRUZ; AC04 Llanos de Chal; AC05 El Transito; PB16 IPOC Station P; PB12 IPOC Station P; LCO Las Campanas; LCO Las Campanas; AP01 Chacalluta; AP01 Chacalluta; AC04 Cuesta del Vie; PB18 Visiviri; AR0D Llanos de Chal; AVFE Valle Fertil; AVFE Valle Fertil; CO01 Juntas del Tor; ACCO Cerro Coronel; ACCO Cerro Coronel; ACCO Cerro Coronel; G004 Tololo Observa; LPAZ La Paz; LPAZ La Paz; LPAZ La Paz; LPAZ La Paz; LPAZ La Paz; TCA Tanti; TCA Tanti; CO03 El Pedregal; CFA Coronel Fontan; CFA Coronel Fontan; ZON Zonda; ZON Zonda; PIL Pilar; RTLS Leoncito; CO02 Combarbal; MURT Porto Murtinho; BBSD Serra de San D; CPUP Villa Florida; CPUP Villa Florida; CO04 Los Peladeros; COIM Forte Coimbra; ARCO CERRO ARCO; SIV San Ignacio; SIV San Ignacio; VA03 San Esteban; SBJP San Joaquin; BDQN Bodoqueña, MS; PEL Peldehue; PEL Peldehue; PEL Peldehue; MT08 Bocatoma R; MT16 CCHEN; MT16 RCNHA; MT02 Curacau; ITQB Itaqui; AQDB Aquidauana; AQDB Aquidauana; AQDB Aquidauana; PSAL Palomares, Salto; MT01 Popeta; PTLB Pontes e Lacer; PTLB Pontes e Lacer; BO01 Tencia; BO02 Sierra Bellavi; GO05 Hualene; VILB Vilhena; VILB Vilhena; MLOB Panamira; ANCO Parque Anchore; SALV San Antonio; BI02 San Fabn de; CPBS Cacapava Do S; ITAB Concordia; ITAB Concordia; ITAB Concordia; LDASE Londrina, Braz; PCMB Pacemabu; CNLB Canela; CNLB Canela; NNA Nana; NNA Nana; NNA Nana; NNA Nana; NNA Nana; PDRB Porto dos Gacs; ARAG Araguaiana, MT; G006 Curaruheue; G006 Curaruheue; CLDB Colider; CLDB Colider; CLDB Colider; LR05 Currie; CZSB Cruzeiro do Su; CZSB Cruzeiro do Su; CZSB Cruzeiro do Su

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include G005 Hualene; VILB Vilhena; VILB Vilhena; MLOB Panamira; ANCO Parque Anchore; SALV San Antonio; BI02 San Fabn de; CPBS Cacapava Do S; ITAB Concordia; ITAB Concordia; ITAB Concordia; LDASE Londrina, Braz; PCMB Pacemabu; CNLB Canela; CNLB Canela; NNA Nana; NNA Nana; NNA Nana; NNA Nana; NNA Nana; PDRB Porto dos Gacs; ARAG Araguaiana, MT; G006 Curaruheue; G006 Curaruheue; CLDB Colider; CLDB Colider; CLDB Colider; LR05 Currie; CZSB Cruzeiro do Su; CZSB Cruzeiro do Su; CZSB Cruzeiro do Su

4d 4h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CZSB Cruzeiro do Sul, PLCA Paso Flores, and many others.

2020 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PMSA Palmer Station, ANWB Willy Bob, and many others.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like WHAR Woolly Hollow, O56A Snyder Ridge, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HDIL, J57A, I62A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VVDA, VVDA, VVDA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MOD, PCVE, MESJ, etc.

4d 4h

Table of astronomical observations for 4d 4h, listing station names, coordinates, and observation parameters.

2020 DEC

Main table of astronomical observations for 2020 DEC, listing station names, coordinates, and observation parameters.

162

Table of astronomical observations for 162, listing station names, coordinates, and observation parameters.

SFS 04 04:15:34.0, 35:45N-3:73W, h0km, ML2.9/8, ML2.8/8, ML2.6/8
CNRM 04 04:15:34.0, 35:66N-3:77W, h12km
MDD 04 04:15:34.1, 0.35:45N-3:74W, h0km, mb_Lg2.5/9, Error ellipse: s-maj=9.8km s-min=3.4km az=39.0

Table of astronomical observations for 162, listing station names, coordinates, and observation parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like AF01, SLA, IFOC Station P, AHML, etc.

AFAD 04 04:26:20.8, 37.85N, 26.86E, h12km, 2km, MW3.6
ATH 04 04:26:21.8, 37.82N, 26.89E, h9km, 1km, ML3.2/7, Latitude
uncertainty: 0 km; Longitude uncertainty: 0 km
THE 04 04:26:21.4, 37.8N, 26.9E, h7km, 1km, M3.4/9,
MLh3.4/9
ISK 04 04:26:21.4, 37.87N, 26.90E, h7km, ML3.5/22
ISC 04 04:26:21.4, 37.85N, 0.01, 26.89E, 0.02, h12km, 5km,
n76, c054/120, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like SMG, KRL1, DGB, GMLD, SAM2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like GCAM, KUSD, BEVE, DDIM, ZEVE, Balcova, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JMA, HART1, IDC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MJAR, MAT, SASAGIHO, BSO1, SONM, etc.

Table of satellite launches for 2020, including columns for CCN, Mission Name, Station, Date, Time, Azimuth, Phase, and various status indicators.

Continuation of satellite launch data for 2020, listing various missions and their launch parameters.

Table showing satellite status and performance metrics, including columns for Mission Name, Station, Date, Time, Azimuth, Phase, and status codes.

UCC 04 05:59:02.2, 48°46N, 7°87E, h4km, ML3.6
GFZ 04 05:59:02.1±0.4, 49°15N, 7°32E, h6km, 3km, M3, 5/15, Error
ellipse: s-maj=5.5km s-min=5.3km az=160.7, confirmed
LDG 04 05:59:02.5±0.1, 48°67N, 7°9E, h5km, M4, 0/31, Error
ellipse: s-maj=1.3km s-min=1.1km az=173.0
STR 04 05:59:02.7±0.0, 48°66N, 0.04E, 7°81E, 0.05, h5km,
MLV, 6/40, LOSAT earthModelID haslach_taup-2.4.5
preliminary

BNS 04 05:59:02.7±0.8, 48°65N, 7°81E, h5km, ML3.3
BGR 04 05:59:02.7±0.2, 48°66N, 7°81E, h5km, ML3.5/9, Error
ellipse: s-maj=2.2km s-min=1.1km az=98.0
PRU 04 05:59:04.1, 48°68N, 7°92E, h1km
ISU 04 05:59:00.9±0.7, 48°65N, 0.01E, 7°77E, 0.01, h0km, n180,
e156/328, 18C-43D, France

2020 DEC

ASRS 04 08:55:15.0.1.1,54°20'N-87°06'E,h0km,M2.4(MOS),The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKARB Makanchi Array, and MKAR.

IDC 04 08:57:36.8:2.6,54°60'N-83°66'E,h0km,mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=22.8km s-min=11.4km az=148.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKARB Makanchi Array, and MKAR.

ASRS 04 08:58:18.0.0.8,54°26'N-86°83'E,h0km,M2.8(MOS),The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, IDC 04 08:58:19.6:4.4,54°27'N-86°81'E,h0km,mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=40.8km s-min=18.3km az=66.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKARB Makanchi Array, and MKAR.

IDC 04 09:12:21.9:391.0,43°25'N-134°65'E,h0km, Error ellipse: s-maj=141.9km s-min=49.0km az=118.0, Primorye

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like USSURIYSK INFR, ISUJP ISUMI INFRA, and PETROPAVLOVSK1820.

ISK 04 09:19:00.9,38°69'N-43°49'E,h10km,ML2.7/8 AFAD 04 09:19:01.9,38°69'N-43°53'E,h14km,1km,ML2.3 ISK 04 09:19:01.9:0.9,38°72'N-0°02:26.89E:0.03,h13km,7km, n21,±1936/38,Turkey

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VANB Van, TVAN Van, VMUR Van-Muradiye, OZAP Van, Ozalp-Mer, AKDM Akdamar-Van, BITLIS Adilcev, DYDN Diyadin, MALAZ Malazgirt-MUS, DORK Agr/Tutak/Do, AGRB Hanur-Agry, KOTA Agri, Merkez-K, and BLIS Bitlis-Merkez.

IDC 04 08:51:47.9:5.2,107°45'S-166°45'E,h0km,mb3.6/4, mbtmp3.5/4, Error ellipse: s-maj=304.9km s-min=29.6km az=141.0, Santa Cruz Islands

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Elison Array, and YKA Yellowknife Arr.

IDC 04 08:55:16.3:4.2,54°27'N-87°24'E,h0km,mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=38.5km s-min=20.5km az=68.0

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like EKAR Karacaban and EKAR.

Table with columns: EKAR, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like EATA Eleskirt, TASB TASBURUN-IGDIR, MUSM Mu-Merkez, GNI Garni, KOPR Koprukoy-ERZUR, ETEKE Tekederesi - E, and ETEKE.

GII 04 09:34:05.4:0.0,37°84'N-0°00:42:26.847E:0.001,h0km, Mw5.4, 2 confirmed IDC 04 09:34:13.8:0.6,37°78'N-26°82'E,h0km,mb3.9/12, mbtmp3.8/22,ML3.4/6,MS3.4/9, Error ellipse: s-maj=9.2km s-min=8.8km az=91.0

Table with columns: AFAD, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AFAD 04 09:34:14.0,37°80'N-26°81'E,h10km,11km,MW4.1, ISK 04 09:34:14.6,37°81'N-26°79'E,h5km,ML4.1/40, ATH 04 09:34:14.7,37°83'N-26°80'E,h11km,ML3.8/25, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, THE 04 09:34:15.1,37°8'N-0°7:26:8E:0.6,h10km,1km,M4.0/9, MLN4.0/9, NEIC 04 09:34:16.0.1.3,37°82'N-0°04:26:81E:0.06,h10km,1km, mb4.5/26, Error ellipse: s-maj=7.6km s-min=7.0km az=92.0

ISK 04 09:34:15.2:0.7,37°80'N-0°01:26.79E:0.02,h12km,4km, n249,±1916/289,mb4.4/27,MS3.5/6,14C-7D,Dodecanese Islands

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KRLL Karlovasi Samo, SMG Samos, SAMZ DrakeI, Karlov, DGB zmir, GMLD Gumuldur, GCAM G?zelcami?, KARB zmir-Karabur, KUSAD Kusadasi-Aydin, DGB zmir, DDIM Aydin, Didim, DIDI Didim-Aydin, BLCB Balcova, ZALV zmir-Bergama, ZEDA zmir-Bergama, GOMA Golemarmara-Man, DKL Dikili, DAT Datca, AKS Aktisar, APE Apeiranthos, SOMA Soma-Manisa, GORD Gordes-Manisa, TURN Turunc, KULA Kula-Manisa, BUHA Balikesir, Bur, BUHA, STEP BALIKESIR, Sava, YAYO Edremit, Balik, YAYO BAYC CANAKKALE, Bayr, BAYC, FOCM Foca, EAG2 Marmaro, Chios, and BODA Bodrum, Mula.

4d 9h

Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, SNR, etc. Includes stations like BODA, MLBS, Merkez, ZEDA, NAZL, etc.

2020 DEC

Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, SNR, etc. Includes stations like LIA, BASM, STFN, TVSB, etc.

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Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, SNR, etc. Includes stations like KIRV, ABKAR, ARTI, TORD, etc.

NOU 04 09:39:44.8,22.57S:-170.99E,h0km,MLV4.8/1.4, Southeast of Loyalty Islands,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like I46RU, ZALV, etc.

ASRS 04 09:44:39.0:3.7,54.22N:-87.39E,h0km,mbtmp2.7/2,ML2.3/2, Error ellipse: s-maj=29.0km s-min=21.4km az=67.0

Table with columns: ZALV, Zalesovo Beam, 1.36 264, Pg, Pb, 09 53 307.0+3, 1.6nm, 0.3s, baz=76, slow=13, SNR=15

BUJ 04 09:57:15.5, 6.875x127.81E, h413km, mB4.5/13, mb4.8/63
DJA 04 09:57:20.0, 0.7, 7.5x12.7E, h409km, 1km, M4.8/9,
mB5.1/6, mB5.1/7, mb5.1/8, mb5.1/9, MLV5.1/7,
Mw(mB)4.5/6, Mw(mB)4.4/7

GFZ 04 09:57:20.4, 0.1, 7.5x12.7E, h405km, M4.5/41,
mb4.8/41, confirmed
NEIC 04 09:57:20.8, 1.4, 6.54S:0.07x127.38E:0.07, h405km, 7km,
mb4.8/83, Error ellipse: s-maj=10.9km s-min=10.4km
az=166.0

IDC 04 09:57:20.3, 0.6, 6.58S:127.38E, h407km, 6km, mb4.3/20,
mB1mp5.1/29, Error ellipse: s-maj=10.5km s-min=7.2km
bz=7.0, 0
ISC 04 09:57:20.3, 0.4, 6.57S:10.04x127.40E:0.04, h409km, 3km,
h410km, pP-P, n383, r1903/419, mb4.8/99, 5C-4D, Banda
Sea

Main table for 173, listing stations like BNDI, SAUI, SOEI, SANI, etc. with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters.

Main table for 2020 DEC, listing stations like MEEK, CTEA, CTAO, FORT, INKA, QLP, etc. with columns for Station Name, Az, Az', Phase ID, Time, Res, and other parameters.

Main table for 4d 9h, listing stations like KS19, XAN, XAN, XAN, etc. with columns for Station Name, Az, Az', Phase ID, Time, Res, and other parameters.

4d 10h

Table with columns: Station Name, Time, Res, and various status indicators. Includes stations like UZB Uzynbulak, ASAI AK-SAY, SATY Saty, etc.

2020 DEC

Table with columns: Station Name, Time, Res, and various status indicators. Includes stations like VOI Gornain Island, JRN Noril'sk, NRIL Noril'sk, etc.

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Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like CRLN Carolina, Mapu, HRAO HartRAO, etc.

BGSI 04 10:19:20.4±2.1, 25.29S;30.22E, h56km;169km, ML2.7, Presumed earthquake
PRE 04 10:19:17.3±1.1, 25.94S;29.53E, h0km, ML2.2,

JMA 04 10:19:48.3±0.5, 44°N;2°149°E, h30km, MV3.8/12, SE OFF TOROFU
SKHL 04 10:19:49.3±0.7, 44°30'N;149°50'E, h44km;56km, mb4.3/3
ISC 04 10:19:49.3±0.4, 44.8N;0.1°149.4E;0.2, h35km, m9, s=1893/17, Kuril Islands

NNC 04 10:20:02.1±0.6, 42.97N;78.06E, h1km;3km, mb2.5, mpv2.9, Error ellipse: s-maj=5.9km s-min=2.6km az=178.0
KRNET 04 10:20:03.7±0.1, 42.92N;77.95E, h21km, mb2.3
SOME 04 10:20:03.3, 43.00N;77.97E, h15km
ISC 04 10:20:00.8±1.2, 42.93N;0.03S;78.11E;0.02, h6km;10km, n35, -0674/67, 16C-8D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UZB, KOTS, MDOK, etc.

CATAC 04 10:32:13.9:0.6, 10.1N:3.8W, h10km,3km, M3.2/14, MLV3.2/14, Error ellipse: s-maj=1.0km s-min=4.8km az=27.7, confirmed

UCR 04 10:32:15.1:0.5, 10.41N:86.27W, h19km,8km, MW3.8, Presumed earthquake

ISC 04 10:32:15.0:1.8, 10.38N:0.06:86.29W:0.06, h19km,3km, n41, c061/49, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DELF, ALIBA, JRCR, etc.

IDC 04 10:45:04.1:4.6, 38.51N:123.14W, h0km, mbtmp3.3/3, ML3.3/3, Error ellipse: s-maj=60.1km s-min=36.7km az=13.0

NEIC 04 10:45:05.7:2.1, 38.86N:0.004:122.75W:0.02, h8km,7km, ML3.1/96, MWR3.7/3(NCEDC), Error ellipse: s-maj=1.9km s-min=0.6km az=101.0

NCEDC 04 10:45:06.5:1.7, 38.82N:0.01:122.81W:0.02, h3km,5km, UNAN, Error ellipse: s-maj=2.3km s-min=1.8km az=217.0

ISC 04 10:45:06.2:0.8, 38.81N:0.02:122.81W:0.02, h8km,5km, n118, c08/89/113, Northern California

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GDXM, GGGP, GGBM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MDPB, NVAR, NV11, etc.

IDC 04 10:45:28.5:1.2, 20.48S:177.83W, h534km,12km, mb3.6/14, mbtmp4.5/17, Error ellipse: s-maj=14.7km s-min=13.6km az=143.0

ISC 04 10:45:28.1:0.6, 20.55S:0.1:177.81W:0.09, h534km, n25, c140/23, mb3.9/14, Fiji Islands region

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

4d 12h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes entries for JRSC Jasper Ridge, JRSC comp=N,143nm,1.8s, KMRM Mail Ridge, etc.

ISC 04 10:56:41.0-1.9, 40:26S:77:81E, h0km, mb3.8/4, mbmp3.8/4, MS3.7/35, Error ellipse: s-maj=62.1km s-min=34.3km az=103.0

NEIC 04 10:56:42.0-0.6, 40:27S:07:77E, h1, h10km, 1km, mb4.6/12, Error ellipse: s-maj=18.5km s-min=4.6km az=29.0

ISC 04 10:56:42.1-0.6, 40:24S:09:77E, h0.1, h10km, n61, c0552/20, mb4.5/9, MS3.8/35, Mid-Indian Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes entries for AIS Amsterdam Isld, CROZET ISLANDS, H04N1 CROZET ISLANDS, etc.

2020 DEC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes entries for STKA Stephens Creek, KAPI Kappang, KMBO Kllima Mbogob, etc.

ISC 04 11:19:29.5-2.3, 20:16S:178:14W, h553km, 19km, mb3.1/8, mbmp4.0/10, Error ellipse: s-maj=58.7km s-min=15.2km az=152.0

NEIC 04 11:19:29.21.3, 20:25S:0:1x178:0W, 0.1, h555km, 11km, mb4.2/17, Error ellipse: s-maj=21.6km s-min=19.3km az=155.0

ISC 04 11:19:30.6-1.0, 20:15S:0:2x178:1W, 0.2, h569km, n45, c0854/47, mb4.0/17, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes entries for MSVF Nonavsu, MSVF Fugatoga, AFU Afiamau, etc.

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes entries for LL03 Petrohue, LR05 Currie, LR05 Panguipulli, etc.

DJA 04 11:29:46.6:2.6, 10:5:19:11:7E, 1.1, h10km, M4.3/6, ML4.3/6, NEIC 04 11:29:52.7:1.9, 9:6S:0:1x116:31E, 0.09, h65km, 6km, mb4.1/7, Error ellipse: s-maj=17.2km s-min=10.7km az=212.0

ISC 04 11:29:50.5-0.7, 9:58S:0:08x116:33E, 0.07, h33km, n26, c180/27, Sumbawa region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes entries for TWSI Taliwang, TWSI Denpasar, IGBI Kahang-Kahang, etc.

PRE 04 11:30:51.7:0.9, 24:05S:25:46E, h0km, ML2.1, Suspected explosion, BGSJ 04 11:30:56.1:2.2, 24:05S:25:94E, h0km, 1.7km, ML2.5, Presumed earthquake

ISC 04 11:30:56.0:1.0, 24:26S:0:05x25:79E, 0.04, h0km, n10, c130/20, Botswana

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes entries for LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, etc.

KRNET 04 12:00:17.2:0.1, 42:11N:73:70E, h17km, mb3.1, NNC 04 12:00:17.9:1.0, 42:14N:73:71E, h0km, mb4.0, mpv3.5, Error ellipse: s-maj=9.3km s-min=4.1km az=0.0

Table with columns: Station Name, Frequency, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like EKS2, Erkin-Say, Uchtor, Merke, Karagaybulak, etc.

Table with columns: Station Name, Frequency, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BTK Batken, Karamyk, Saty, Arary, etc.

Table with columns: Station Name, Frequency, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KUSD, BEYE, izmir, Aydin, Didim, etc.

4d 13h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MODS Modra-Piesok, JAVC Velka Javorina, etc.

VIE 04 12:44:17.6:0.2,47.53N:14.93E,h0km,mb1.6/2,m1.5/8, m1.5/8, Error ellipse: s-maj=2.0km s-min=1.2km az=98.0 2 km NE of Erzbeg Mining explosion., Austria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ARSA Arzberg, MOA Molin, CONA Conrad Observa, etc.

DJA 04 13:03:39.5:0.9,3°S:3°13'6E, h16km,8km, M3.8/7, MLV3.8/7

IDC 04 13:03:40.7:2.3,3°06'S:135°95'E,h51km,25km,mb3.7/4, mbmp3.9/9,ML3.7/5,MS2.7/2, Error ellipse: s-maj=21.2km s-min=17.4km az=166.0

ISC 04 13:03:38.0:0.7,3°19'S:0°06':135°86'E,h33km,n14, c=311/18,mb3.7/3,Irian Jaya region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BAKI Biak, MWPI Manokwari, SMPI Sarmi, etc.

AZER 04 13:25:04.8,41°53'N:48°02'E,h44km,m13.0 MOS 04 13:25:05.4,41°55'N:48°07'E,h42km,MPVA.4.2 DRS 04 13:25:05.6,41°50'N:48°22'E,h69km

ISC 04 13:25:05.7:1.0,41°51'N:0°02':47°96'E,0.02,h15km,8km, n76,c=1981/147,3C-1D,Eastern Caucasus

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KSMR Kasumkent, QUBA Quba, QBL Gabala, etc.

2020 DEC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KMKR Kumukh, SKGR Sergokala, MNGR Mingechevir, etc.

GANJ Ganja, KRNK Karanay, KRNK Karanay, AGDM Agdam, SAAT Saaty, DBC Dubki, DBC Dubki, BTLR Botlikh, BTLR Botlikh

BLQ Belyaqan, GEDABAY GEDABAY, VED Vedeno, QAZ Gazax, Azerbai, QRD Qoradiz, GLBA Cililabad, GROC Groznyy, GROC Groznyy, TBLG Delisi, TBLG Delisi, YRD Yardimli, GNI Garni, GNI Garni, LKRN Lenkeran, LKRN Lenkeran, LER Lerik, TRLG Trialeti, TRLG Trialeti, TRLG Trialeti, ORD Orudabad, ASTR Astara, LACR Lac, SHA1 Shidzhatmaz, SHA1 Shidzhatmaz, MK31 WAKE ISLAND Hy

IDC 04 13:25:42.9:1.0,12°28'N:144°47'E,h0km,mb3.9/11, mbmp3.9/11,MS3.2/6, Error ellipse: s-maj=31.7km s-min=17.1km az=100.0

NEIC 04 13:25:43.4:1.0,12°21'N:0°08':144°3'E,0.2,h10km,2km, mb4.4/9, Error ellipse: s-maj=30.8km s-min=4.8km az=114.0

ISC 04 13:25:46.0:1.0,12°22'N:101°144'4E,0.2,h29km,n39, c=126/31,mb4.1/16,MS3.1/4, South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GUMO Guam, GUMO Guam, SAIP Saipan, JAY Jayapura, SIJI Sorong, H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy

IDC 04 13:25:42.9:1.0,12°28'N:144°47'E,h0km,mb3.9/11, mbmp3.9/11,MS3.2/6, Error ellipse: s-maj=31.7km s-min=17.1km az=100.0

NEIC 04 13:25:43.4:1.0,12°21'N:0°08':144°3'E,0.2,h10km,2km, mb4.4/9, Error ellipse: s-maj=30.8km s-min=4.8km az=114.0

ISC 04 13:25:46.0:1.0,12°22'N:101°144'4E,0.2,h29km,n39, c=126/31,mb4.1/16,MS3.1/4, South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GUMO Guam, SAIP Saipan, JAY Jayapura, SIJI Sorong, H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, KSRK Korea Arr, WBO Warrungama Arr, WRAB Tennant Creek, WRA Warrungama Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Arr, MKAR Makanchi Arr, MKAR Makanchi Arr, KURK Kurchatov, KURK Kurchatov, ARSB Arslanbob, KK31 Karatay Arr, KKAR Karatay Arr, ILAR Eielson Array, ILAR Eielson Array, BMAR Burrt Mountain, AB31 Akbulak array, AB31 Akbulak array, ABKAR Akbulak array, YKA Yellowknife Arr

IDC 04 13:52:34.7:1.0,46°75'N:91°80'E,h0km,mb3.8/2, mbmp3.8/8,ML3.3/3,E, Error ellipse: s-maj=18.2km s-min=10.2km az=18.0

NNC 04 13:52:38.8:4.0,46°81'N:91°40'E,h0km,mb4.0,mpv3.4, Error ellipse: s-maj=31.5km s-min=25.7km az=86.0

ASRS 04 13:52:44.1:0.6,47°N:3°9'2E, h9km,MLh4.2/7, Error ellipse: s-maj=6.7km s-min=4.5km az=4.5, confirmed

ISC 04 13:52:39.9:1.5,47°04'N:0°09':91°32E,0.04,h10km,n23, c=254/32,6C-6D,Mongolia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CUR Chagan-Uzun, TEL Teeli, AKAR Aktash, AKAR Aktash, CHBI Chibit, Altay, CHBI Chibit, ULGR Ulagan, Altay, ULGR Ulagan, KZLR Kungurtug, Tuv, ARTR Artybash, ARTR Artybash, ELDR Elanda, ELDR Elanda, TADR Tashtagol, MK31 Makanchi Arr, MK31 Makanchi Arr, MK31 Makanchi Arr, MK31 Makanchi Arr, MK31 Makanchi Arr, MKAR Makanchi Arr, MKAR Makanchi Arr, MKAR Makanchi Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, TLY Talay, KURK Kurchatov Arra, KURBB Kurbb, KURBB Kurbb, KURBB Kurchatov Arra, PDGK Podgornoye, PDGK Podgornoye, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, SONM Songoing Arr

IDC 04 13:52:39.9:1.5,47°04'N:0°09':91°32E,0.04,h10km,n23, c=254/32,6C-6D,Mongolia

IDC 04 13:52:39.9:1.5,47°04'N:0°09':91°32E,0.04,h10km,n23, c=254/32,6C-6D,Mongolia

IDC 04 13:52:39.9:1.5,47°04'N:0°09':91°32E,0.04,h10km,n23, c=254/32,6C-6D,Mongolia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, TLY Talay, KURK Kurchatov Arra, KURBB Kurbb, KURBB Kurchatov Arra, PDGK Podgornoye, PDGK Podgornoye, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, SONM Songoing Arr

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM, AAK, AAK, AAK, AAK, BVAR, WRA, ASAR.

SDD 04 13:57:21.51±1.3, 18°11'N-71°55'W, h2km, 5km, MD2.6, ML3.1, MW2.7, Presumed earthquake

OSPL 04 13:57:23.7±0.9, 18°25'N-71°41'W, h2km, 17km, ML2.1, Presumed earthquake

ISC 04 13:57:22.1±1.0, 18°17'N-0°03'W, h7km, 9km, n14, c095/26, Dominican Republic region

Main table for 179, listing stations like LODOU, PODR, NEDR, LOBH, LOVI, LONEJ, JIDR, SDDR, SDDR, REDR, ABDR, BANI, HATOM, CRILN, NWCL, PILG, HRAO, POGA, LEPH, MOPA, PMBG, POGA, LEPH, MOPA, PMBG, MONO, EYES, TOLO, COR, COR, COR, NEWO, MPOR, KEEL, KEEL, MARIN, WPO, G04A, H04D, H04D, B02Z, SEAS, BUCK.

PRE 04 14:06:22.7±0.8, 26°27'S-29°59'E, h2km, ML2.0, Presumed earthquake, South Africa

Table for 179, listing stations like CRILN, NWCL, PILG, HRAO, POGA, LEPH, MOPA, PMBG, POGA, LEPH, MOPA, PMBG, MONO, EYES, TOLO, COR, COR, COR, NEWO, MPOR, KEEL, KEEL, MARIN, WPO, G04A, H04D, H04D, B02Z, SEAS, BUCK.

SEA 04 14:07:31.6±0.7, 45°11'N-102°123'58'W, h48km, 4km, Error ellipse: s-maj=3.7km s-min=3.1km az=46.0

PNSN 04 14:07:31.6±0.7, 45°11'N-123°58'W, h48km, MD3.5, Fault plane solution: NP 1, phi=200.00000, delta=0.00000, lambda=0.00000

NEIC 04 14:07:32.2±0.7, 45°13'N-102°123'58'W, h48km, 2km, ML3.2/126, ML3.5/23(SEA), Error ellipse: s-maj=3.6km s-min=3.4km az=61.0, Washington-Oregon border region

Main table for 179, listing stations like G03D, MONO, EYES, TOLO, COR, COR, COR, NEWO, MPOR, KEEL, KEEL, MARIN, WPO, G04A, H04D, H04D, B02Z, SEAS, BUCK.

Main table for 2020 DEC, listing stations like BUCK, BUCK, F04D, I02E, I02E, B023, F04A, F04A, RADR, RADR, RADR, HOOD, I03D, I03D, I04A, I04A, G05A, WIFE, WIFE, I05D, J01E, WISH, WISH, LON, G06A, G06A, G06A, NLWA, NLWA, NLWA, BBOR, BBOR, D05A, D05A, OLQ, K02D, K02D, GNW, GNW, J05D, J05D, F07A, F07A, F07A, MXC, B04A, E07A, E07A, E07A, L04D, L04D, K05A, K05A, HAWA, HAWA, HAWA, WAH2, WAH2, G08A, G08A, YPT, YPT, YPT, E08A, YBH, PGC, PGC, KRMB, KRMB, LNOR, LNOR, LNOR, B92B, B92B, MOD, E09A, E09A, E09A, J08A, J08A, J08A, KHHM, KHHM, KHHM, BMO, BMO, C09A, C09A, F10A, F10A, F10A, KMRM, O03E, O03E, NEW, BCYI, BCYI, GCG 04 14:30:37.0±2.3, 15°39'N-90°81'W, h12km, 24km, MD4.4, Presumed earthquake

Table for 2020 DEC, listing stations like APG, APG, ST68, ESQI, ESQI, PETF, PETF, MTO3, MTO3, NUBE, NUBE, CEVE, CEVE.

IDC 04 15:14:06.5±1.2, 36°53'N-142°01'E, h0km, mb3.7/5, mbmp3.7/8, ML3.0/3, Error ellipse: s-maj=22.4km s-min=17.1km az=84.0

JMA 04 15:14:06.4±0.1, 36°22'N-0°3'W, h2km, 2km, MW3.4/30, FAR E OFF IBARAKI PREF

ISC 04 15:14:08.3±1.1, 36°55'N-0°09'142'E, 0.1, h19km, n14, c262/10, mb3.7/5, Off east coast of Honshu

Main table for 2020 DEC, listing stations like MJAR, MJAR, MJAR, JHJ, JHJ, JHJ, ASAJ, ASAJ, ASAJ, ASAJ, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, SONM, MKAR, KURB, WRA, ASAR.

IDC 04 15:20:18.6±4.9, 6°10'S-146°88'E, h0km, mb3.4/2, mbmp3.3/3, ML3.1/1, MS3.6/1, Error ellipse: s-maj=150.9km s-min=33.2km az=104.0, Eastern New Guinea region

Table for 2020 DEC, listing stations like WRA, ASAR, MSVF, SONM.

THE 04 15:23:14.5, 38°12'N-2°27'E, h19km, 3km, M2.5/6, MLh2.5/6

AFAD 04 15:23:14.1, 37°91'N-26°60'E, h7km, 3km, ML2.3

ISC 04 15:23:14.6, 37°92'N-26°63'E, h6km, ML2.5/1

ISC 04 15:23:14.5±1.0, 37°91'N-0°26'59'E, 0.02, h11km, gkm, n38, c071/60, Dodecanese Islands

Main table for 2020 DEC, listing stations like DGB, DGB, SMG, SMG, SMG, GMLD, GMLD, ZEY, ZEY, ZEY, BEYE, BEYE, BEYE, CESE, CESE, GCAM, GCAM, GCAM, GCAM, KUSD, KUSD, KUSD, BLBC, BLBC, BLBC, CHOS, CHOS, CHOS, CHOS, DDIM, DDIM, DDIM, DUVT, DUVT, KARB, KARB, KARB, BAGT, BAGT, BAGT, FOCM, FOCM, DAGE, DAGE, YKAV, YKAV, YKAV, CAMT, CAMT, CAMT.

4d 16h

Table with columns: CAMT, comp=N,203nm,0.2s, IAML, 15 23 49.0, AYDE Zeytinokoy-Aydi, 1.03 88 Pp, 15 23 34.1 -0.2, AYDN Tasuluk, 1.05 103 Pp, 15 23 35.0 +0.2, BDRM Kayabasi, 1.08 141 S, 15 23 35.6 +0.4, MLSB Milas, 1.13 123 Pn, 15 23 36.2 +0.3, MANT Manisa, 1.66 69 Pp, 15 23 46.1 -0.2, STEP BALIKESIR_Sava, 1.71 31 P, 15 23 45.9 0.0

MDD 04 15:23:32.0:1.5,35.34N:3.75W, h0km, mb_Lg2.4/4, Error ellipse: s-maj=16.1km s-min=4.2km az=30.0, SFS 04 15:23:33.9,35.58N:3.57W, h10km, ML2.0/4, ML2.6/4, ISC 04 15:23:31.2,1.3545N:0.09:3.61W:0.08, h17km,1.4km, n6,1145/14, Strait of Gibraltar

MAN 04 15:29:07.0,8.65N:126.45E, h27km, MS3.7, IDC 04 15:29:11.9,1.7,8.62N:126.41E, h92km,17km, mb3.6/14, mbmp3.4/0.15, MS3.2/2, Error ellipse: s-maj=23.0km s-min=12.9km az=83.0, ISC 04 15:29:10.8,1.2,8.66N:0.05:126.33E:0.09, h82km,12km, n27,1144/37, mb3.9/14, Mindanao

CGP Cagayan de Oro, 1.63 263 Op, 15 29 36.7 -1.1, CGP Davao City (W), 1.74 205 P, 15 29 59.5 +1.2, DAV 354nm,0.4s, baz=356, slow=8.3, SNR=9.7, DAV 360nm,0.4s, baz=84, slow=18, SNR=5.0, DMPH Davao City-Mi, 1.76 207 P, 15 29 39.6 -0.1, KUCP Kidapawan, 2.05 217 P, 15 29 42.5 -1.0, DDMP Don Marcelino, 2.61 194 P, 15 29 49.8 -1.2, DDMT Tagbilaran, 2.64 293 P, 15 29 51.2 -0.2, PLP Palo, 2.82 332 P, 15 29 52.7 -1.1, LLLP Lapu-Lapu, 2.85 305 P, 15 30 28.1 +1.3, GSPH General Santos, 2.90 208 P, 15 29 56.1 +1.1, DCPH Dipolog City, 2.94 269 P, 15 29 55.4 0.0, SNPH Sibulan, 3.13 283 P, 15 29 57.8 -0.2, SJJI Sorong, 10.67 152 P, 15 31 39.6 -1.2, CMAR Chiang Mai Arr, 28.31 293 P, 15 34 59.2 +2.3, KSRS Korea Array, 28.70 3 P, 15 35 00.0 -0.2, WRA Warramunga Arr, 29.50 165 P, 15 35 05.8 -1.6, MJAR Matsushiro Arr, 29.79 19 P, 15 35 09.2 -0.7, ASAR Alice Springs, 32.97 167 P, 15 35 36.6 -1.4, USRK Ussuriysk Arr, 35.75 7 P, 15 36 02.4 +0.7, STKA Stephens Creek, 42.87 161 P, 15 37 00.8 -0.3, PETK Petropavlovsk-Petropavlovsk, 51.08 24 P, 15 38 06.3 +1.5, KURBB Kurchatov Arr, 57.43 326 P, 15 38 49.9 -1.0, BVAR Borovoye Array, 63.02 326 P, 15 39 29.0 -0.1, AFI Affanatu, 65.38 110 LR, 16 05 51.2, ILAR Eielson Array, 80.86 26 P, 15 41 15.8 +0.3, FINES FINESSE Array B, 87.33 332 P, 15 41 47.9 -0.5, VNDA Vanda, 88.33 173 P, 15 41 53.2 +0.4, YKA Yellowknife Arr, 95.20 24 P, 15 42 24.9 0.0

IDC 04 15:42:52.4:2.9,7.59S:74.67W, h128km,25km, mb3.7/3, mbmp3.9/6, Error ellipse: s-maj=31.8km s-min=13.9km az=57.0, ISC 04 15:42:54.3:1.1,7.68S:0.10:74.7W:0.1, h154km, n8,1163/11, mb4.1/3, Peru-Brazil border region

2020 DEC

ATAH Atahualpa, 3.67 278 P, 15 43 50.8 0.0, NNA Nana, 6.0nm,0.5s, baz=80, slow=3, SNR=4.3, LPAZ La Paz, 10.71 144 P, 15 45 22.4 -2.0, PLCA Pasa Flores, 33.12 174 P, 15 49 17.6 +1.8, YKA Yellowknife Arr, 76.38 342 P, 15 54 26.3 0.0, GSPA South Pole Qui, 82.42 180 P, 15 55 01.0 +1.8, ASAR Alice Springs, 138.12 221 PKhKP, 16 01 55.5, WRA Warramunga Arr, 140.35 226 PKP, 16 02 06.2 +0.1

MEX 04 15:46:02.8:0.8,14.88N:92.34W, h97km,6km, MD3.8, Presumed earthquake, GCG 04 15:46:04.5:0.9,15.16N:92.18W, h57km,27km, MD4.0, Presumed earthquake

ISC 04 15:45:59.5:1.9,14.8N:0.11:92.34W:0.07, h104km,10km, n12,1197/21, Near coast of Chiapas

WEL 04 16:19:14.8:1.1,34.5S:10.17:19W, h1.6, h33km, M4.0/6, mb4.8/5, ML4.1/4, ML4.0/6, Mw(mb)4.0/5, Error ellipse: s-maj=23.6km s-min=8.1km az=115.9, South of Kermadec Islands

MXZ Matakaoa Point, 4.59 211 P, 16 20 22.3 +0.4, WMOGZ Waiomatatini S, 4.76 208 P, 16 20 25.2 +0.9, PKGZ Pakihiroa, 4.94 211 P, 16 20 23.1 -0.6, HAZ Te Kaha, 4.98 214 P, 16 20 28.0 +0.8, PUKETITI Puketiti, 5.05 208 P, 16 20 28.8 +0.6, RUGZ Raukumara Rang, 5.20 213 P, 16 20 30.2 -0.2, RUGZ Tauwhareparea, 5.25 210 P, 16 20 31.1 +0.2, CWGZ Carnagh Statio, 5.42 206 P, 16 20 33.5 +0.2, MWZ Matawai, 5.57 212 P, 16 20 35.2 -0.2, URWZ Urewera, 5.70 215 P, 16 20 36.5 -0.6, MARZ Manawaha, 5.71 219 P, 16 20 37.5 +0.2, RIGZ Rimuhau, 5.79 208 P, 16 20 38.8 +0.5, MUGZ Murupara, 6.04 216 P, 16 20 41.2 -0.6, RUATAHUNA Ruatahunu, 6.05 214 P, 16 20 41.8 -0.2, KOKOHO Kokoho, 6.10 207 P, 16 20 41.3 -1.2, ARAHI Arahui, 6.25 211 P, 16 20 44.6 0.0, OMAHUTA Omahuta, 6.52 254 P, 16 20 49.2 +0.8, AROPOANUI Aropoanui, 6.58 210 P, 16 20 48.6 -0.5

IDC 04 16:29:11.2:4.1,24.37N:108.78W, h0km, mb3.1/1, mbmp2.9/3, ML3.8/2, MS3.3/6, Error ellipse: s-maj=84.0km s-min=17.5km az=146.0, MEX 04 16:29:17.3:0.5,24.65N:109.19W, h12km,13km, MD4.1, Presumed earthquake

ISC 04 16:29:14.2:1.1,24.63N:0.06:109.23W:0.06, h10km, n16,1198/16, MS3.1/3, Gulf of California

ANMO Matias Romero, 15.36 117 LR, 16 36 18.4, CMIG Matias Romero, 15.36 117 LR, 16 38 39.4, ELK Elko, 16.84 344 LR, 16 39 50.4, PDAR Pinedale Array, 18.09 359 P, 16 33 26.9 +0.6, PDAR TKL Tuckaleechee C, 24.54 57 LR, 16 45 01.6, JTS Las Junias de, 27.13 117 LR, 16 44 38.6, SJG San Juan, 40.52 91 LR, 16 53 50.2, ILAR Eielson Array, 46.90 339 P, 16 37 46.8 +2.3

OTT 04 16:41:08.5:0.3,42.01N:85.22W, h18km, ML3.5/1, Atlantic Ocean, 567km south from Grand Bank, NL, North Atlantic Ocean

GBN Guysborough, 5.69 309 PN, 16 42 31.8 -0.2, CHEG Cheticamp, Nov, 6.18 323 PN, 16 42 38.0 -0.9, DRLN Deer Lake, 7.42 348 PN, 16 42 52.4 -3.4, LMM Caledonia Moun, 7.91 302 PN, 16 43 01.8 -0.9, ELNB Elgin, New Brus, 8.13 302 PN, 16 43 04.5 -1.1, HSNB Heath Steele M, 9.35 308 PN, 16 43 20.5 -1.8, PCAO Pointe Carletto, 9.41 328 PN, 16 43 21.4 -1.7, MCNB McAdam, 9.46 296 PN, 16 43 19.7 -4.1, BJBO Baie Johan-Bee, 9.80 330 PN, 16 43 27.2 -1.3, PMAO Port Menier, 10.06 324 SN, 16 45 16.7 -7.6

IDC 04 16:49:20.2:3.8,11.76N:125.30E, h0km, mb3.4/4, mbmp3.4/4, MS2.7/2, Error ellipse: s-maj=343.2km s-min=22.8km az=65.0

MAN 04 16:49:22.0,11.41N:124.44E, h18km, MS4.1, ISC 04 16:49:23.8:1.0,11.47N:0.04:124.59E:0.06, h21km,4km, n16,1142/43, mb3.6/4, Leyte

PLP Palo, 0.48 128 P, 16 49 33.4 -0.2, MPMH Masbate, 1.30 313 P, 16 49 45.6 -1.1, LLP Lapu-Lapu, 1.30 208 P, 16 49 44.5 +2.7, IBAJ Ibayay, Akian, 2.40 279 P, 16 50 19.8 -1.5, SNPH Sibulan, 2.50 212 P, 16 50 39.1 +0.8, JAG San Jose, Anti, 2.69 255 P, 16 50 06.8 +0.9, DCPH Dipolog City, 3.12 203 P, 16 50 10.4 +2.2, KAPP Kappang, 17.07 197 LR, 17 01 16.0, WRA Warramunga Arr, 32.66 163 P, 16 55 55.6 +1.1, ASAR Alice Springs, 36.09 165 P, 16 56 24.2 -0.1, MKAR Makanchi Array, 50.08 323 P, 16 58 18.4 +1.1, KURBB Kurchatov Arr, 54.16 326 P, 16 58 48.1 +0.7

IDC 04 16:53:09.4:3.9,8.85S:124.41E, h0km, mb4.0/1, mbmp3.5/4, ML3.1/3, Error ellipse: s-maj=40.7km s-min=26.4km az=157.0, DJA 04 16:53:13.0:0.7,9.5S:12.4E, h89km,8km, M2.5/7, ML2.5/7, ML2.4/5

ISC 04 16:53:13.1:0.1,8.85S:0.1:124.0E:0.1, h100km, n9,1155/10, Timor region

SOEI Soe, 0.99 166 P, 16 53 33.3 -1.0, BATI Baumata, 1.45 194 P, 16 53 39.4 -0.2, MMRI Maumere, 1.77 275 P, 16 53 42.5 -1.0, FITZ Ende Flores, 2.31 271 P, 16 53 50.4 -0.1, WRA Warramunga Arr, 14.92 139 PN, 16 56 34.0 -5.6, ASAR Alice Springs, 17.56 149 PN, 16 57 09.2 -2.7, STKA Stephens Creek, 28.19 147 P, 16 58 59.6 +2.6

DJA 04 16:53:55.1:1.5,11N:5E, h109km,32km, M3.7/7, mb3.9/1, mb3.9/1, ML3.6/7, MLV3.6/7, Minahassa Peninsula, Sulawesi

TNTI Ternate, 2.60 102 P, 16 54 37.0 +1.2

Table with columns for station name, frequency, power, and other technical details. Includes stations like TCS1 Tacares, VPL1 V. Platanar, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MIAR Mount Ida, TKL Tuckaleechee C, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VVDA, VVDA Vanda, and many others.

ISC 04 18:10:18.7±0.8, 40:31S:78.07E, h0km, mb4.2/11, mbmp4.2/11, MS3.0/34, Error ellipse: s-maj=26.3km, s-min=19.7km az=110.0°; NEIC 04 18:10:19.6±0.2, 40:32S:77.9E, h10km, km, mb4.7/25, Error ellipse: s-maj=20.6km s-min=15.8km az=270.0; GCMT 04 18:10:24.6±0.4, 40:12S:0:04:77.85E:0:03, h19km, 1km, MW4.9/80, Moment Tensor Solution. s14,c16; s80,c99; Duration: 0 Moment tensor: Scale 10^10Nm; Mir-2.27±.1; Mw0.22±.11; Mw2.05±.13; Mw1.31±.26; Mw0.35±.07; Mw0.12±.22; Best double couple: M2:492000°, 1016 NP1:351.00000°, 644.00000°, A-123.00000°. NP2: 62.214.00000°, 655.00000°, A-62.00000°. Principal axes: 2.1510, P16g.0000°, Azm284.00000°, N 0.6820; P1g23.00000°, Azm16.00000°, P 2.8320, P16g7.00000°. Azm181.00000°. nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns for code, station name, and other technical details. Includes stations like A05 Amsterdam Isla, H0A2N CROZET ISLANDS 191 244 T, and many others.

Table with columns for code, station name, and other technical details. Includes stations like MOS 04 18:13:41.9±1.1, 48:65N:153:59E, h123km, mb3.9/6, Error ellipse: s-maj=15.5km s-min=4.6km az=64.3, and many others.

4d 20h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MAJO Matusu-Tunnel, MJB9 MJB9, EVN Everest, MKAR Makanchi Array, etc.

WEL 04 18:56:51.8, 0.6, 44°S x 16°8'E, h5km, M3.5/12, ML3.4/13, MLv3.5/12, Error ellipse: s-maj=7.1km s-min=3.1km az=132.4, South Island

Main table of station data for the 4d 20h period, listing station names, coordinates, and various parameters.

IDC 04 19:00:09.8, 2.3, 0.89N, 126.13E, h0km, mb3.2/3, mbtmp3.2/3, MS3.2/1, Error ellipse: s-maj=204.7km s-min=28.9km az=65.0, Northern Molucca Sea

Table of station data for IDC 04 19:00:09.8, listing stations like WRA Warramunga Arr, ASAR Alice Springs, NWA0 Narogin (SRO), etc.

GFZ 04 19:31:59.7, 0.4, 4°N, 152°12'3E, h537km, 4km, M4.2/25, mb4.2/25, Error ellipse: s-maj=10.4km s-min=6.6km az=4.3, confirmed

NEIC 04 19:32:01.0, 1.3, 4.08N, 107.122°8E, 0.1, h544km, 4km, mb4.3/35, Error ellipse: s-maj=16.0km s-min=10.9km az=89.0

DJA 04 19:32:00.8, 1.2, 4°N, 10°12'3E, h556km, 22km, M4.4/12, mb4.7/7, mb4.5/8, MLv4.8/12, Mw(mb)3.9/7

IDC 04 19:32:02.1, 1.1, 4.05N, 122.87E, h567km, 15km, mb3.2/12, mbtmp4.3/16, Error ellipse: s-maj=22.3km s-min=9.7km az=67.0

IDC 04 19:32:00.9, 0.4, 4.03N, 105.122°8E, 0.08, h550km, n130, r1524/139, mb4.3/32, Celebes Sea

Table of station data for IDC 04 19:32:00.9, listing stations like GTOI Gorontalo, TOL12 Tolitoli, KMSI Cibinong, etc.

2020 DEC

Main table of station data for the 2020 DEC period, listing station names, coordinates, and various parameters.

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Table of station data for the 184 period, listing stations like INKA Inka, HHC Hu-ho-hao-te, BBOO Bucklebo, etc.

DJA 04 19:53:39.9, 0.6, 2°N, 4°12'6E, h111km, 6km, M3.4/11, MLv3.4/11, MLv3.4/11

ISC 04 19:53:39.4, 1.3, 2.49N, 0.05, 125.92E, 0.06, h105km, n9, r1975/13, Talaud Islands

Table of station data for DJA 04 19:53:39.9, listing stations like MNI Manado, TNTI Ternate, etc.

DJA 04 20:09:34.8, 2.7, 5°N, 9°42'E, h10km, M5.0/12, mb5.0/7, mb5.3/3, mb5.0/7, mb5.4/2, ML5.0/6, MLv4.9/12, MLv4.8/11, Mw(mb)4.8/2, Mw(mb)4.8/3

GFZ 04 20:09:40.4, 0.4, 5°N, 3°9'E, h42km, 3km, M4.6/26, mb4.7/26, Error ellipse: s-maj=10.7km s-min=4.5km az=59.6, confirmed

NEIC 04 20:09:42.4, 1.2, 5°17'N, 0°8'94'25E, 0.09, h39km, 6km, mb4.4/49, Error ellipse: s-maj=14.4km s-min=9.4km az=51.0

IDC 04 20:09:43.9, 2.8, 5°20'N, 94°33'E, h50km, 26km, mb3.9/12, mbtmp4.1/15, ML4.3/3, MS3.2/7, Error ellipse: s-maj=32.3km s-min=13.6km az=54.0

BKK 04 20:09:43.8, 3.2, 5°N, 9°5'E, h10km, M4.5/9, mb4.8/6, mb5.1/6, Mjmb4.0/9, ML4.7/8, MLv4.6/8, Mw(mb)4.4/6

ISC 04 20:09:41.7, 0.4, 5.10N, 0.05, 94.26E, 0.05, h43km, n177, r1529/162, mb4.5/50, MS3.2/3, Northern Sumatara

Table of station data for DJA 04 20:09:34.8, listing stations like BSI Banda Aceh, MLSI Meulaboh, etc.

Table of seismic stations and events on page 185, including stations like GSI, PSI, TRSI, RNTT, etc.

Table of seismic stations and events on page 186, including stations like KNRA, PDGK, BOOM, BTX, etc.

Table of seismic stations and events on page 187, including stations like AKET, CJSR, ABSD, etc.

Text block containing station identifiers and coordinates: IDC 04 20:18:20.2, 2.2, 22.11S; 179.56W, h586km, mb3.1/5, mbtmp4.1/6, Error ellipse: s-maj=37.2km s-min=28.9km

Table of seismic stations and events on page 188, including stations like MSVF, MARNC, ARMA, etc.

Text block containing station identifiers and coordinates: HEL 04 20:21:56.1±0.5, 67.74N; 20.18E, h0km, ML1.1, Suspected explosion

Table of seismic stations and events on page 189, including stations like KUA, KUA, RATU, etc.

Text block containing station identifiers and coordinates: HEL 04 20:23:12.3±0.4, 67.83N; 33.85E, h0km, ML2.5, Suspected explosion

Table of seismic stations and events on page 190, including stations like APA, APA, APA, etc.

4d 20h

Table with columns: Code, Station Name, Az, Alt, P, S, SG, Smax, Time, Res, ISC. Rows include Lovozero, Kovda, Vario, Teriberka, Oulanka, Riekki, Rajuf, MSF, Kurvinen, Taivalkoski, Vadso, Ranua, Rovaniemi, Kevo, ARCESS Array S, ARCESS Array B, ARCESS, ARCESS Array B, RMF, KLF, Hetta, Tornio, Oulu, Kautokeino, Pajala, Kalix, Vikkela, Lannavaara, Hammerfest, Joensuu, JETT, SJU, SUF, SALU, VAF, KEF, RAUS, HFS, HFS, SPITS, NOA, NOA.

IDC 04 20:29:34.8:1.5, 40:23S:77:97E, h0km, mb3.8/6, mBaz=3.8/6, Error ellipse: s-maj=48.4km s-min=26.0km az=100.0

NEIC 04 20:29:35.6:0.6, 40:21S:0:05:77:8E:0:3, h10km, 1km, mb4.4/9, Error ellipse: s-maj=35.1km s-min=8.0km az=269.0

ISC 04 20:29:35.7:0.8, 40:25S:0:1:77:9E:0:2, h10km, n20, az=63/20, mb4.0/10, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Alt, P, S, SG, Smax, Time, Res, ISC. Rows include AIS, FITZ, ASAR, VANDA, VANDA, GSPA, GSPA, KNRA, WRA, WRA.

520 DEC

Table with columns: Code, Station Name, Az, Alt, P, S, SG, Smax, Time, Res, ISC. Rows include WBO, MTN, BELA, CMAR, CMAR, KK31, KKAR, MKAR, MKAR.

BUI 04 20:30:07.5, 40:89S:77:54E, h17km, mB5.2/6, mb4.6/37, Mst 7.4/54

IDC 04 20:30:10.9:0.5, 40:24S:78:03E, h0km, mb4.4/19, mBaz=4.3/19, MS4:7.7, Error ellipse: s-maj=18.6km s-min=15.9km az=89.0

NEIC 04 20:30:11.5:1.3, 40:23S:0:08:77:9E:0:1, h10km, 1km, mb5.1/85, Mww5.1/10, Error ellipse: s-maj=16.0km s-min=13.5km az=259.0

GFZ 04 20:30:11.6, 40:27S:78:09E, h10km, Mw5.0/24, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; M1=3.67; M2=0.45; M3=3.22; M4=1.09; M5=0.11; M6=0.66; Fault plane solution: M3.69607x10^16 Np1;

GCMT 04 20:30:14.6:0.2, 40:26S:0:02:77:85E:0:1, h12km, Mw5.0/127, Moment Tensor Solution. s07,c69; s127,c192; Duration: 0 Moment tensor: Scale 10^16Nm; M1=4.44; M2=0.77; M3=3.82; M4=1.19; M5=0.31; M6=0.11; M7=0.22; M8=0.25; Best double couple: M4.44200x10^16 Np1; M3.352000000; M3.700000000; M1.109000000; M2.176000000; M3.812777; Azm3338127;

GFZ 04 20:30:11.6:0.1, 40:23S:77:8E, h10km, M5.1/54, mb4.8/54, Error ellipse: s-maj=6.6km s-min=5.0km az=130.6, confirmed

ISC 04 20:30:10.5:1.5, 40:24S:0:06:78:01E:0:6, h4km, g9km, n226, s1915/211, mb4.9/103, MS4.8/10, 2C-4D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Alt, P, S, SG, Smax, Time, Res, ISC. Rows include AIS, AIS, AIS, PAF, HO4N, HO4N3, HO4N, MAW, MAW, MAW, MAW, HO1W2, HO1W3, HO1W3, HO1W1, CASY, CASY, NWAO, NWAO, VOI, HO8S2, HO8S1, HO8S3, GIRL, POGA, POGA, FORT, BOS, BOS, SDSI, JAGI, JAGI, LBTB, LBTB, LBTB, ALPK, MAKGR, MATP, FITZ, FITZ, BBOO, BBOO, RPSI, RPSI, RPSI, KCSI, PLAI, PLAI, DBNI, TROL, PHPEN, PHPEN, LBFI, IPM, ASAR, ASAR, ASAR.

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Table with columns: Code, Station Name, Az, Alt, P, S, SG, Smax, Time, Res, ISC. Rows include ASAR, ASAR, SNA, SNA, SNA, VANDA, VANDA, VANDA, KULM, KULM, EDFI, EDFI, GSPA, GSPA, GSPA, BATI, KNRA, MMRI, KSANE, TAU, SBA, SOE, SOE, BSSI, BSSI, STKA, STKA, STKA, VNA2, VNA2, VNA2, KOOLE, KOOLE, BKSI, BKSI, GRTL, VNA1, VNA3, VNA3, WRA, WRA, WRA, WRA, WRAB, WRAB, WBO, WBO, KIBK, KIBK, TTSI, TTSI, KMBO, MTN, MTN, WIN, WIN, CMSA, TSUM, TSUM, BELA, QIS, QLP, TOL2, TOL2, HYB, HYB, SANI, SANI, GTOI, GTOI, MBAR, KMSI, LODK, LODK, LODK, ARMA, ARMA, ARMA, TMTI, TMTI, FURI, FURI, CM31, CM31, CMAR, CMAR, CMAR, CMAR, WKZ, MORE, MORE, OXZ, SHL, TNCH, TNCH, EVN, EVN, EVN.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and Remarks. Includes stations like KMI2, RAYN, LSA, GYA, KBL, SSB, HRA, EDA, ENH, YOJ, KSHZ, XAN, DRK, LZH, BTK, EIL, HRFI, PRNI, EFI, WUS, NJ2, NRN, ASF, KZIT, GTA2, AAK, AAK, AAK, FRU1, PDGK, KAKK, KAKK, WMQ, HNS, MARD, GEVA, GURU, GNI, GNI, BTO2, HHC, HHC, MKAR, MKAR, MKAR, KOPT, KELT, TORD, TORD, DL2, DL2, BR104, BRTR, MKAR, KURK, SONM, SONM, ZALV.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and Remarks. Includes stations like ZALV, MAJO, MJAR, MJAR, MJAR, MJAR, TBI, PPT2, PPT2, CCB, ILAR, PRP, G26K, SML, DHY, E28M, RES, POIN, F28M, LCR2, PAX, E28M, H27K, A36M, NVAR, TXAR, PDAR, PDAR, DSN 04, IDC 04, TEH 04, OMAN, ISC 04, Code, KHJN, KBAM, IBND, KRM1, KHGS, SHME, SHME, BANOM, BANOM, MASFI, MSFE, MDH, MDH, CHBR, HATD, HATD, NAZ, NAZ, ASHO, ASHO, FAQ, FAQ, NGCH, NGCH, ASUD, ASUD, ASUD, SOHO, SOHO, SOHO, IKOO, AJN, AJN, AJN, ALNE, ALNE, ALNE, HOQ, BIDO, BIDO, ARQ, ARQ, ARQ, WSAR, WSAR, SMDO, SMDO, SMO, MZWR, MZWR, WBK, WBK, WBK, JMDO, JMDO, IRAM, IRAM, JLN, SAKB, SLWR, SLWR, SLWR, MHTO, MHTO, MHTO, DQM, DQM, DQM, DOK, DOK, DMTO, DMTO, DMTO, WHFO, WHFO, WHFO, ABTO, ABTO, RAYN, RAYN, RAYN, ASF, ASF, ASF, MMAI, MMAI, MMAI, ASF, MMAI, MMAI.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and Remarks. Includes stations like BRTR, BVAR, MKAR, ZALV, FINES, TORD, WRA, FIS, FIS, RC01, RC01, SLKM, SLKM, SKLM, SKLM, CAPN, O22K, O22K, SUSA, SUSA, SUA, SUA, M22K, M22K, SPU, SPU, SPU, PMR, PMR, SPCR, SPCR, PWL, PWL, PWL, KNK, KNK, SPBG, RDY, RDY, GHO, GHO, BRLK, BRLK, BRLK, DFR, SKT, SKT, REF, RDJH, RDJH, RDSD, RED, RED, RDWB, RDWB, SML, SML, SML, SML, SML, CNPM, CNPM, CNPM, CUT, M23K, GLI, GLI, GLI, ILS, M20K, M20K, ILSW, ILSW, ILSW, P23K, P23K, P23K, SCM, SCM, SCM, FID, FID, FID, P19K, VMT, HIN, HIN, HIN, N19K, N19K, WAT7, WAT7, O19K, PPLA, PPLA.

4d 21h

Table with columns: KLU, Klutina, 2.21 73, IAML, Pn, 20 45 53.4, -0.1, 20 46 28.9, etc.

2020 DEC

Table with columns: M16K, comp=N, 105nm, 1.1s, IAML, 20 47 33.6, etc.

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Table with columns: KURK, Kurchatov, 62.01 327, P, P, 20 55 32.3, -0.7, etc.

SGS 04 21:14:34.8, 25:16'N-37:93'E, h41km, MI1.1, Western

Table with columns: Code, Station Name, A° AZ°, Phase ID, ISC, Time, Res, etc.

IDC 04 21:36:28.3±1.3, 4:54'S, 145:11'E, h0km, mb3.8/5, mbtmp3.8/8, ML3.6/2, MS3.9/2, Error ellipse: s-maj=28.8km s-min=17.0km az=55.0

NEIC 04/01/3:34.8±1.4, 4:75'S, 145:10'E, h35km, 2km, mb4.0/1.3, Error ellipse: s-maj=30.1km s-min=13.3km az=49.0

ISC 04 21:36:34.1±1.0, 4:6'S, 145:10'E, h38km, n25, s089/25, mb4.0/8, Near north coast of New Guinea

Table with columns: Code, Station Name, A° AZ°, Phase ID, ISC, Time, Res, etc.

IDC 04 21:41:21.7±2.3, 55:31'N, 159:70'W, h0km, mb3.6/5, mbtmp3.5/7, ML3.1/2, Error ellipse: s-maj=77.0km s-min=16.9km az=161.0

NEIC 04 21:41:24.5±1.5, 55:02'N, 159:53'W, h25km, 6km, ML3.5/2, ML3.3(AEIC), Error ellipse: s-maj=8.7km s-min=3.4km az=166.0

AEIC 04 21:41:24.5±1.5, 55:04'N, 159:57'W, h10km, 6km, Error ellipse: s-maj=1.1km s-min=4.2km az=162.0

ISC 04 21:41:23.9±0.9, 55:04'N, 159:48'W, h27km, 7km, n101, s192/110, mb3.6/5, Alaska Peninsula

Table with columns: Code, Station Name, A° AZ°, Phase ID, ISC, Time, Res, etc.

Table with columns: Station Name, Location, Time, Res, and various codes. Includes stations like SDPT, VNIAMINOF, VNF, PS1A, etc.

MEX 04 21:43:15.3±1.2, 17.43N:92.55W, h10km, MD4.2, Presumed earthquake

ICC 04 21:43:17.2±1.9, 15.93N:92.94W, h160km±12km, mb3.3/m, mbtmp3.77, Error ellipse: s-maj=52.7km s-min=14.7km az=27.0

ISC 04 21:43:12.1±0.7, 17.45N:0.03:92.48W±0.03, h10km, n37, ±25.0/53, mb3.6±0.4, Chiapas

Table with columns: Code, Station Name, Location, Time, Res, and various codes.

Table with columns: Station Name, Location, Time, Res, and various codes. Includes stations like TGIG, CCIG, UCXV, etc.

KRSC 04 21:51:31.5±2.2, 48.59N±156.93E, h24km±54km, MI4.0, East of Kuril Islands

ICC 04 21:52:48.4±1.1, 4.40S:102.06E, h0km, mb4.1/13, mbtmp4.1/13, MS2.7/3, Error ellipse: s-maj=43.7km s-min=1.5km az=55.0

NEIC 04 21:52:55.2±2.4, 38S:0.90:102.14E±0.06, h24km±6km, mb4.3/15, Error ellipse: s-maj=14.3km s-min=8.0km az=203.0

Table with columns: Code, Station Name, Location, Time, Res, and various codes.

Table with columns: Station Name, Location, Time, Res, and various codes. Includes stations like TOL2, CMAR, FITZ, etc.

NEIC 04 22:08:39.1±1.2, 8.33N:0.09:126.6E±0.1, h47km±9km, mb4.1/16, Error ellipse: s-maj=19.0km s-min=11.4km az=111.0

ICC 04 22:08:40.9±3.2, 8.20N:126.75E, h75km±33km, mb3.4/11, mbtmp3.8/12, MS3.4/1, Error ellipse: s-maj=30.2km s-min=19.1km az=53.0

MAN 04 22:08:40.0±1.3, 8.28N:126.51E, h23km±MS3.8, ISC 04 22:08:40.0±1.3, 8.27N:104.0:126.67E±0.09, h64km±13km, n49±19.50/0, mb4.0/17, Mindanao

Table with columns: Code, Station Name, Location, Time, Res, and various codes.

4d 23h

Table with columns: Call sign, Station name, Frequency, Mode, Distance, Azimuth, Elevation, SNR, etc. Includes stations like WAKE ISLAND, SONGINGO, PETK, etc.

ISC 04 23:22:20.4.1.6, 24.01S:66.67W, h189km, 15km, mb3.6/7, mblmp3.6/5, MS2.7.1, Error ellipse: s-maj=21.2km s-min=12.4km az=83.0

SJA 04 23:22:20.4.0.6, 24.11S:66.82W, h226km, 3km, MLL4.0, MW3.8

ISC 04 23:22:20.9.0.6, 24.09S:0.04:66.86W:0.05, h200km, n39, s183/58, mb4.0/6, Salta Province

Table with columns: Code, Station Name, Frequency, Mode, Distance, Azimuth, Elevation, SNR, etc. Includes stations like SALTA, SLA, FSA, etc.

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Table with columns: Call sign, Station name, Frequency, Mode, Distance, Azimuth, Elevation, SNR, etc. Includes stations like PDAR, ULM, MAW, YKA, etc.

AUST 04 23:28:38.8.0.7, 18.5S:6.12E, h10km, mb4.3/7, ML3.2/5, Error ellipse: s-maj=12.7km s-min=5.4km az=161.6, confirmed, Western Australia

Table with columns: Code, Station Name, Frequency, Mode, Distance, Azimuth, Elevation, SNR, etc. Includes stations like CAAN, AUBRM, MBWA, etc.

ISC 04 23:36:00.3.1.4, 40.02S:77.91E, h0km, mb3.8/6, mblmp3.8/6, MS3.7/1, Error ellipse: s-maj=46.7km s-min=25.9km az=99.0

NEIC 04 23:36:00.6.1.6, 40.17S:0.07:77.7E:0.1, h10km, 1km, mb4.7/28, Error ellipse: s-maj=17.2km s-min=11.8km az=98.0

ISC 04 23:36:00.6.0.5, 40.13S:0.07:77.73E:0.10, h10km, n58, s103/42, mb4.5/21, MS3.6/11, 2D, Mid-Indian Ridge

Table with columns: Code, Station Name, Frequency, Mode, Distance, Azimuth, Elevation, SNR, etc. Includes stations like AIS, HO2N, CRZF, etc.

Table with columns: Call sign, Station name, Frequency, Mode, Distance, Azimuth, Elevation, SNR, etc. Includes stations like WBO, INKA, KMB, etc.

IDC 04 23:39:11.8.0.8, 17.37N:95.12W, h124km, 7km, mb3.1/3, mblmp3.6/5, MS2.7.1, Error ellipse: s-maj=35.9km s-min=14.4km az=33.0

MEX 04 23:39:13.6.6.1, 17.59N:95.15W, h126km, 7km, Presumed earthquake

ISC 04 23:39:12.0.1.8, 17.55N:0.04:95.17W:0.03, h127km, 6km, n62, s293/112, Oaxaca

Table with columns: Code, Station Name, Frequency, Mode, Distance, Azimuth, Elevation, SNR, etc. Includes stations like CMIG, NEUV, TUIG, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include TEIG Tepich, JTS, TXAR Lajitas Array, ANMO Albuquerque, NVAR Mina Array Bay, YKA Yellowknife Arr, WRA Warramunga Arr.

AUST 04 23:45:49.8±0.3, 32°S, 2'±11.7E, h10km, ML2.7/11, Error ellipse: s-maj=5.8km s-min=3.4km az=85.6, confirmed PUPWA 04 23:45:49.7±0.7, 32°00'S, 117°30'E, h11km, 19km, ML2.7, Region: WESTERN AUSTRALIA

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include COR12 Corrigin, MEKS Meckering Sout, KLBRR Kellerberrin, NWAON Narrogin (SRO), KORDA Koorda, WADNG Wattoning, WA, BLDU Ballidu, BCONE Beacon, WER, ONGER Ongerup, RKGUY Rocky Gully, MORWA Morawa, KMBAL Kambalda, MEEK Meekatharra, FORT Forrest.

DJA 04 23:48:20.1±0.8, 11°N, 8°±12'0E, h10km, M3.7/7, ML3.7/6, ML3.6/7, ML3.7/7, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PCI Palu, APSI Ampana, GTOI Gorontalo, LWSI Luwuk, TTUJ Tana Toraja, KDI Kendari.

IGQ 04 23:53:26.9±0.2, 3°S, 2°±7'9W, h5km, 1km, M4.1/15, Mjma4.0/15, ML4.5/12, ML3.9/15, RSNC 04 23:53:26.7±0.3, 3°S, 2°±8'0W, h0km, M3.8, mB5.2, mb4.3, ML3.2, Mw(mB)4.6, NEIC 04 23:53:27.1±1.2, 2°61'S, 0°17'31'W, 0.08, h2km, 9km, mb3.9/3, Error ellipse: s-maj=11.6km s-min=1.6km az=94.0

ISC 04 23:53:26.3±0.9, 2.48S, 0°02'±79'37W, 0°03, h17km, 6km, n69, ±0.998/83, 18C-SD, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include COHC Cochancay, COHC Cochancay, COHC Cochancay, MILO Milagro-Astudi, AMIL Milagro (Trans), GYE1 Ecuador-Trinit, AZOG Ecuador-Azog, AZOG Ecuador-Cuenca, GYE3 Ecuador-Guayaq, GYE3 Ecuador-Univer, AC07 Ecuador-Guayaq, AGUAY Guayaquil, JSCH Cascha Tororas, ACH2 Ecuador-Machal, ISPG Isla Puna-Puer, AGRD Ecuador-Guaran, MORR Plays El Morr, SANGA Volcan Sangay, TAMS Refugio Sur-Vo, CHSH Tambobuasha Ch, BOSCS San Juan Bosco, IGUA Iguala, BIL2 Estacion Bilba, BPAT Tungurahua Vol, BBIL Ulba Tungurahua, JU6 Juive, ACUE Quevedo, PPLP Ecuador-Loja-U, SALL Salinas, PUYO Puyo, Santa Ro, PPLP Puerto Lpez, PPLP Puerto Lpez, PIS1 Pisayambo, GONZ Gonzanan, PIAT Ana Tenorio, PIAT

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include ILLI Illinizas Sur, VCES Cotopaxi, SLOR San Lorenzo, SLOR San Lorenzo, BMOR Cotopaxi Volca, MCRA Macar, Loja, BREF Cotopaxi Volca, TAMB Tambo, BTAM Cotopaxi Volca, VC1 Cotopaxi 1, ISPT Isla de la Pla, ARDO Archidona, Ten, FLF1 Flavio Alfaro, FLF1 Flavio Alfaro, ANTM Antisana-La Mi, ANTG Antisana-Guama, ANTS Antisana-Sarah, GGPT Toaza - Volcan, ZUMB Zumba, GGQC Guagua Pichinc, PACT Pacto, Paraso, OTAV Otavalo, OTAV Otavalo, OTAV Otavalo, CUICO Cuicocha Este, CASC Dorado de Casc, CASC Dorado de Casc, BBAC Balboa, Cauca, FLOC Florencia, FLOC Florencia, FLOC Cruzeiro do Su, CZSB Cruzeiro do Su, ROSC El Rosal, HELC Sara Helena, LP1Z La Paz, LP1Z La Paz, IPOC Station P, MACA Manacapuru-AM, MACA Manacapuru-AM.

ISC 04 23:55:33.5±1.5, 2°53'S, 79°41'W, h0km, mb3.3/2, mbmp3.7/5, ML4.1/2, MS3.2/1, Error ellipse: s-maj=99.0km s-min=13.3km az=73.0, IGQ 04 23:55:35.3±0.2, 3°S, 2°±7'9W, h7km, 2km, M4.2/12, Mjma4.2/12, ML4.3/2, ML4.1/12, NEIC 04 23:55:36.2±1.1, 2°56'S, 0°05'±79'37W, 0°1, h10km, 1km, mb3.9/2, Error ellipse: s-maj=22.1km s-min=8.2km az=281.0

ISC 04 23:55:35.4±0.8, 2°53'S, 0°02'±79'36W, 0°02, h13km, 5km, n74, ±0.929/85, 17C-SD, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include COHC Cochancay, COHC Cochancay, MILO Milagro-Astudi, AMIL Milagro (Trans), AZUE Ecuador-Cuenca, AZOG Ecuador-Azog, AZOG Ecuador-Trinit, GYE3 Ecuador-Guayaq, AC07 Ecuador-Univer, AGUAY Guayaquil, ACH2 Ecuador-Machal, JSCH Cascha Tororas, ISPG Isla Puna-Puer, MORR Plays El Morr, AGRD Ecuador-Guaran, BOSCS San Juan Bosco, SANGA Volcan Sangay, TAMS Tambobuasha Ch, CHSH Refugio Sur-Vo, IGUA Iguala, BIL2 Estacion Bilba, BPAT Tungurahua Vol, BBIL Ulba Tungurahua, JU6 Juive, ALJ1 Ecuador-Loja-U, LAMC LAMC, SALL Salinas, JIPI JIPIJAPA, PUYO Puyo, Santa Ro, GONZ Gonzanan, PPLP Puerto Lpez, PIS1 Pisayambo, TAIS Taisha, PECV Mancha de Ca P, PIAT Ana Tenorio, ILLI Illinizas Sur, AMCR Antisana-Macara, MCRA Macar, Loja, VCES Cotopaxi, SLOR San Lorenzo, SLOR San Lorenzo, BMOR Cotopaxi Volca, BREF Cotopaxi Volca, SUCR Mariscal Sucre, NASZ Nasa, TAMB Tambo, BTAM Cotopaxi Volca, EVC2 Cotopaxi Volca, VC1 Cotopaxi 1, ISPT Isla de la Pla, ARDO Archidona, Ten, FLF1 Flavio Alfaro, ANTG Antisana-Guama, ZUMB Zumba, ANTS Antisana-Sarah, ANTI Antisana, JJAP San Juan 2, GGQC Guagua Pichinc, TEIC Terraza Guagua, PUEM Granja Avicola, PACT Pacto, Paraso, OTAV Otavalo, OTAV Otavalo, CUICO Cuicocha-Domo, ECEN Ecuador-Neoro, ATAH Atahualpa, ATAH Atahualpa, ATAH Atahualpa, ATAH Atahualpa, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, NNA Nana, NNA Nana, LP1Z La Paz, LP1Z La Paz, LP1Z La Paz, LP1Z La Paz, MACA Manacapuru-AM, MACA Manacapuru-AM.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include MACA, SJG San Juan, TXAR Lajitas Array, YKA Yellowknife Arr.

IDC 04 23:55:50.9±2.1, 4.23N, 128°19'E, h0km, mb3.5/4, mbmt3.5/7, Error ellipse: s-maj=175.7km s-min=22.6km az=68.0, North of Halmahera

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, MKAR Makanchi Array, KURBB Kurchatov Arr.

IDC 05 00:16:19.9±2.0, 40°75'S, 77°84'E, h0km, mb4.1/5, mbmp4.1/5, MS3.9/7, Error ellipse: s-maj=59.2km s-min=27.1km az=110.0, ISC 05 00:16:23.7±1.4, 40.8S, 0°2±78°5E, 0°13, h10km, n23, ±1.919/9, mb4.4/8, MS4.1/7, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include H04N2 CROZET ISLANDS, H04N3 CROZET ISLANDS, H04N1 CROZET ISLANDS, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, TROLL Troll, Antarti, ASAR Alice Springs, VANDA Vanda, VANDA Vanda, QSPA South Pole Qui, QSPA South Pole Qui, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, WRA Warramunga Arr, CMAR Chiang Mai Arr, SIJI Sorong, DAV Davao City (W), AAL Ala-Archa, MKAR Makanchi Array, JNU Nakatsue.

IDC 05 00:24:11.4±1.5, 40°28'S, 78°16'E, h0km, mb3.9/6, mbmp3.9/6, MS4.0/27, Error ellipse: s-maj=48.7km s-min=30.5km az=73.0, NEIC 05 00:24:12.9±0.7, 40°35'S, 1°1'±78°0E, 0°2, h10km, 1km, mb4.6/10, Error ellipse: s-maj=23.6km s-min=16.8km az=251.0, GCMT 05 00:24:13.9±0.4, 40°41'S, 0°05'±77°80E, 0°03, h21km, 1km, MV4.9/79, Moment Tensor Solution. s18, c19; s79, c29; Duration: 0 Moment tensor: Scale 10^18Nm; Mr-2.85±.22; Mw0.44±.12; Mw2.61±.14; Mw-0.71±.27; Mw0.47±.10; Mw0.46±.21; Best double couple; Mo2.88800±.016; NP1=324.00000°, 0.43.00000°, 1.70.00000°; NP2=0.177.00000°, 350.00000°, 1.108.00000°; Principal axes: 2.7180, Plg3.0000°, Azm280.0000°, N 0.3450, Plg14.0000°, Azm189.0000°; P -0.3590, Plg6.0000°, Azm23.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 00:24:12.6±0.7, 40°35'S, 0°1±78°0E, 0°1, h10km, n55, ±0.973/22, mb4.4/12, MS4.0/27, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include AIS Amsterdam Isla, H04N2 CROZET ISLANDS, H04N3 CROZET ISLANDS, H04N1 CROZET ISLANDS, ROCAM Rodrigues Isla, MAW Mawson, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, FOMA Nahampoena Res, NWAON Narrogin (SRO), NWAON Narrogin (SRO), NWAON Narrogin (SRO), VOI Vohitsoka, VOI Vohitsoka, H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, OPO Ambhidrotarotua, BOSA Boshof, LBTB Lobatse, SUR Sutherland.

Table with columns: FITZ, FITZY, Crossi, 46.43, 76, LR, LR, 00 48 26.5, etc. Lists various stations and their coordinates.

NOU 05 00:34:30.4, 41.705:174.21E, h0km, MLV3.8/9, Cook Strait, New Zealand

WEL 05 00:34:30.0, 0.3, 42.2 S, 174.4E, h9km, 4km, ML3.4/18, MLV3.6/48, Error ellipse: s-maj=4.2km s-min=3.0km az=154.2

ISC 05 00:34:30.4, 1.1, 41.747S, 0.003:174.28E, 0.003, h19km, 2km, n95, 1926/99, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station codes and names like Cape Campbell, Blackbirch Sta, Tuamarina, etc.

Main table with columns: MRZ, Greta Valley S, 1.54, 216, P, P, 00 34 56.8, etc. Lists stations like Greta Valley S, Tintock, Quartz Range, etc.

Table with columns: WRAB, Tennant Creek, 22.47, 163, P, Iamb, P, 00 46 54.9, etc. Lists stations like Tennant Creek, Warramunga Arr, etc.

IDC 05 01:14:16.7, 1.0, 49.785S, 111.13E, h0km, mb4.2/6, mbmp4.2/6, MS3.6/13, Error ellipse: s-maj=47.5km s-min=18.7km az=103.0

ISC 05 01:14:18.2, 1.0, 49.85S, 0.01:111.13E, 0.03, h10km, n24, 0560/9, mb4.2/6, MS3.6/12, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station codes and names like Cape Leeuwin, Cape Leeuwin, etc.

DJA 05 01:25:29.0, 1.2, 3N, 7.12E, h10km, M3.7/6, mb3.8/3, mb3.8/3, ML3.9/5, MLV3.8/5, Mw(M)5.0/1, Mw(M)5.4/1, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station codes and names like Galela, Maluku, Ternate, etc.

TXNET 05 01:26:06.0, 31.7N, 0.7:104.5W, 0.9, h7km, ML1.6/5, 20-1D, Error ellipse: s-maj=1.4km s-min=1.1km az=79.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station codes and names like TPB29, TPB29, TPB28, etc.

Table with columns: TPB03 Saragosa, NM01 Eunice, NM01 Eunice, TPB04 Verhalen, TPB16 Coyonosa, TPB16 Coyonosa, TPB05 Hovey Rd, TPB14 Hovey Rd, TPB17 Hovey Rd, GPCX Cap Rock, ALPN Alpine, ALPN Alpine, MNHN Monahans, MNHN Monahans, ODSA Odessa

NEIC 05 01:27:01.2, 0.6, 31.741N, 0.009, 104.168W, 0.009, h5km, 1km, mb, Lg2, 4/35, ML2 5/62, Error ellipse: s-maj=1.9km, s-min=1.5km, az=243.0

TXNET 05 01:27:01.2, 31.8N, 0.5, 104.2W, 0.5, h7km, 1km, ML2, 6/25, 1C, Error ellipse: s-maj=0.8km, s-min=0.7km, az=132.6, final, Western Texas

Main table of station data for the left column, including station names like Culberson Coun, China Draw, Pecos, Guadalupe Moun, Carlsbad, etc.

Table of station data for the middle column, including Rankin, Bryant Ranch, Stewart Farms, Lajitas Ar. Si, Lajitas Ar. Si, Muleshoe, Sanderson, Sterling City, Ozone, Snyder Dr, Cookes Peak, Socorro, Dickens, Albuquerque, etc.

KRNET 05 01:28:23.3, 39.52N, 70.53E, h5km, SOME 05 01:28:25.5, 0.9, 39.57N, 70.48E, h0km, mb3, 7, mpv3,3, Error ellipse: s-maj=6.7km, s-min=4.5km, az=22.0

Main table of station data for the middle column, including Batken, Karamyk, Osh, Terek-Say, Arkit, Arslanbob, Iuzhnyy, Karatay Arr, Salom-Alik, Manas, Boroday, etc.

Main table of station data for the right column, including Amsterdam Isla, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, etc.

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Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Urewhera, Kabul, Honiara, Batken, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WAKE ISLAND, WAKE ISLAND, WAKE ISLAND, etc.

IDD 05 02:44:50.3-0.9, 12.22N; 143.79E, h0km, mb3.7/8, mbmp3.7/8, MS3.3/1, Error ellipse: s-maj=3.9km, s-min=19.9km az=112.0.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, WAKE ISLAND, WAKE ISLAND, etc.

AUST 05 02:49:13.1±0.6, 18°S x 120°E, h10km, mb4.1/5, mbmp3.0/5, Error ellipse: s-maj=11.5km s-min=5.6km az=149.0, confirmed, Western Australia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Eighty Mile Be, Broome Senior, Marble Bar, Fitzroy Crossi, etc.

IDD 05 03:41:39.0±0.6, 36°SN; 71°24E, h84km, 43km, mb3.6/6, mbmp3.7/12, MS3.4/2, Error ellipse: s-maj=66.7km, s-min=28.7km az=158.0.

NCC 05 03:41:42.8±3.2, 36°89N; 70°39E, h146km, 66km, mb2.7, mpv3.5, Error ellipse: s-maj=30.0km s-min=26.0km az=36.0.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Karatay Array, Makanchi Array, Kurchatov Arra, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Hagfors, NORSAR Subarra, NORSAR Array B, etc.

SDD 05 03:46:52.9±1.4, 18.76N; 67°52W, h14km, 8km, MD2.8, ML2.8, MW2.5, Presumed earthquake

RSPR 05 03:46:55.1, 18.64N; 67.47W, h5km, 1km, MD3.0/12, ISC 05 03:46:51.7±1.4, 18.73N; 67.55W, 0.04, h15km, n11m, n21, c0578/30, 9C-5D, Mona Passage

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Ide I Descecho, Puerto Rico Se, Cabo Rojo, etc.

IDD 05 03:54:52.6±1.3, 50°42'S; 140°39'E, h0km, mb3.9/4, mbmp3.9/5, ML3.9/1, MS3.7/28, Error ellipse: s-maj=108.9km s-min=19.4km az=84.0.

ISC 05 03:54:54.2±1.0, 50°55'S; 141°139'E, 0.6, h10km, n44, c0538/8, mb3.9/6, MS3.8/27, 1D, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Stephens Creek, Rata Peaks, Narrogin (SHO), etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and Location. Includes stations like BOSA, BRDH, LBTB, PLCA, H03S2, H03S1, H03S3, GERS.

KRSC 05:03:57-47.61.1, 8.50:01N×154.57E, h272km, 16km, M13.9,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes Kuril Islands and various station codes like SKR, KDTR, ASAK, etc.

DJA 05:03:58:59.7.0.7, 3.S7.×13°1E., h29km, 11km, M3.3/4,

ML3.2/4, MLV3.3/4, MLV3.3/4, IDC 05:03:59:03.4.1.5, 4.16:63.129:88E, h0km, mb3.8/2,

mbmp3.5/4, ML3.3/2, Error ellipse: s-maj=80.3km s-min=24.5km az=78.0,

ISC 05:03:59:57.1.1, 3.75:0.1×131.38E:0.09, h10km, n7,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes Kuril Islands and various station codes like FAKI, BNDI, etc.

DNK 05:04:04:19.3.0.8, 71°31'N, 14°27'W, h0km, 22km, ML2.2,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes presumed earthquake, Jan Mayen Island region, and stations like SCO, DBG, etc.

IDC 05:04:05:15.0.6.0, 8.70:63N:14:98W, h0km, mb3.5/7, mbmp3.6/9, ML3.6/2, MS3.6/3, Error ellipse:

s-maj=20.8km s-min=13.4km az=116.0, ISC 05:04:05:16.0.7.0, 70.60N:09:15.0W:0.1, h10km, n37,

φ101°11', mb3.4/6, MS3.5/27, Jan Mayen Island region

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BORG, SFJD, ARCES, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and Location. Includes stations like SADO, ULM, ILAR, GNI, ZALV, KURB, etc.

IDC 05:04:52:40.9.1.1, 13:89N:144:65E, h0km, mb3.9/7,

mbmp3.9/7, Error ellipse: s-maj=42.7km s-min=21.3km, NEIC 05:04:52:56.3.0.5, 13:76N:09:144:7E:0.1, h126km, 5km,

mb4.5/8, Error ellipse: s-maj=18.8km s-min=13.4km az=96.0,

ISC 05:04:52:55.9.0.8, 13:7N:01:114:7E:0.1, h129km, 7km, n18,

φ571°19', mb4.0/12, Mariana Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUMO, DPSS, PATS, etc.

BUI 05:04:57:42.9.1, 41:93N:142:59E, h74km, mb5.1/8, mb4.7/36

NIED 05:04:57:43.9.1, 41:99N:142:56E, h62km, MW4.3, Moment

Tnsr Solution. s3 Moment tensor: Scale 1015Nm; Mb:2.4; Mw:0.82; Mw-2.02; Mw:1.00; Mw-0.80; Mw:2.34;

Fault plane solution: Slip: 3.660000×10¹⁵ NP1: φs20:0.0000°, φs3:0.0000°, A93.00000°. NP2:φs2.040000°, φs7:0.0000°, φs9:0.0000°,

JMA 05:04:57:43.9.1, 41:43:04.0:3:142:6E:0.6, h62km, 1km, M4.0/27, M4.0/37, S OFF URUKAWA,

JMA Feit J1 at S OFF URUKAWA. MOS 05:04:57:43.3.1.1, 41:99N:142:57E, h69km, mb4.7/18, Error

ellipse: s-maj=8.0km s-min=5.8km az=97.4, GFZ 05:04:57:44.2.0.3, 42°N:34°14'3"E, h65km, M4.7/18,

mb4.7/18, NEIC 05:04:57:44.6.1.4, 41:99N:0:06:142:63E:0.08, h62km, 6km,

mb4.6/43, Error ellipse: s-maj=10.4km s-min=7.3km az=129.0,

SKHL 05:04:57:45.7.0.4, 42:00N:142:80E, h85km, 5km, mb4.9/5, mshs:7.5,

IDC 05:04:57:45.0.1.4, 41:98N:142:57E, h70km, 10km, mb4.0/27, mbmp4.2/34, MS3.4/21, Error ellipse: s-maj=13.4km,

s-min=8.4km az=121.0, ISC 05:04:57:44.1.0.5, 41:99N:0:04:142:57E:0.03, h60km, 4km,

n236, φ18°18'24.0", mb4.5/79, 11C-25D, Hokkaido region

Large table with columns: Call sign, Name, Frequency, Mode, Power, and Location. Includes stations like JEW, JNB, JOT, etc.

5d 5h

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Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ZEA HILR, BJ2 BJ2, TIA TIA, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like EVN Everest, TARG Taragay, BCAR Beaver Creek, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like PV21 Cone Mtn., PV10 Paradox Valley, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Mount Isa, Napperby, Broome Senior, Hallett, Stephens Creek, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Ende, Flores, Waingapu, Baumata, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Cape Leeuwin H, Cape Leeuwin I, Cape Leeuwin J, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Mawson, Alice Springs, Warramunga Arr, Port Moresby, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Palomar, Cary Ranch, Domenigoni Val, Polly Butte, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Borrego Spring, Elsinore Mount, Beaumont Base, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Cape Leeuwin H, Cape Leeuwin I, Cape Leeuwin J, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Tijuana, Silver Peak, Belle Mtn, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Palomar, Cary Ranch, Domenigoni Val, Polly Butte, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Borrego Spring, Elsinore Mount, Beaumont Base, etc.

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like Cape Leeuwin H, Cape Leeuwin I, Cape Leeuwin J, etc.

5d 5h

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Table with columns: KRVT, S, Sn, 05 52 02.0 +1.2, JOB, Onbets, 0.30 176, Pn, 05 59 55.6 -0.2, ULN, Ulaanbaatar, 26.00 293, iP, P, 06 04 59.6 -1.9

Table with columns: JOB, Onbets, 0.30 176, Pn, 05 59 55.6 -0.2, ULN, Ulaanbaatar, 26.00 293, iP, P, 06 04 59.6 -1.9

Table with columns: ULN, Ulaanbaatar, 26.00 293, iP, P, 06 04 59.6 -1.9

MOS 05:05:39.4±1.1, 43°21'N; 143°75'E, h125km, mb4.2/1.4. Error ellipse: s-maj=8.5km s-min=6.5km az=85.5

JMA 05:05:39.8±0.1, 43°21'N; 143°81'E, h125km, mb5.2/5.5, msha6.1/5

ASAR Alice Springs, 67.16 190 P, P, 06 10 23.3 +2.5

5d 6h

Table with columns for station call letters, frequency, and other details. Includes stations like VVDA, WVDA, NLAI, SOEI, etc.

2020 DEC

Table with columns for station call letters, frequency, and other details. Includes stations like AFDM, CCCC, CLC, etc.

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Table with columns for station call letters, frequency, and other details. Includes stations like MNXT, HLID, TXAR, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Eielson Array, Tia, comp-Z,32nm,1.2s, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Yakutsk, Baotou, Yellowknife Ar, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Kirov, Klimovskoye, BELG, etc.

5d 6h

Table with columns: Name, Time, Az, Alt, etc. Includes entries like BOG Bochim-Univer, PDRR Padureni, OSTC Ostas, etc.

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Table with columns: Name, Time, Az, Alt, etc. Includes entries like WATA Walderalm, WATA WATA, KBA Koelnbreinsen, etc.

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Table with columns: Name, Time, Az, Alt, etc. Includes entries like VNA2 Neumayer-Watz, SNA2 Sanas, SNA3 Sanas, etc.

Table listing earthquake stations with columns for station name, coordinates, and various parameters like depth and magnitude.

Table listing earthquake stations with columns for station name, coordinates, and various parameters like depth and magnitude.

IDD 05 07:32:03.61.2, 7.45S; 154.74E, h0km, mb3.9/10, mbtmp3.9/10, MS3.9/1, Error ellipse: s-maj=44.7km s-min=21.5km az=117.0

ISC 05 07:32:08.01.1, 7.45S; 154.7E±0.3, h27km, n11, ±1903/10, mb4.0/10, Bougainville-Solomon Islands region

Table listing earthquake stations with columns for station name, coordinates, and various parameters like depth and magnitude.

IDD 05 07:48:28.8±1.4, 19.87S; 71.94W, h0km, mb3.6/3, mbtmp3.6/5, ML3.3/2, Error ellipse: s-maj=39.5km s-min=17.3km az=127.0

GUC 05 07:48:33.6±0.8, 19.87S; 71.50W, h45km, 22km, ML3.5, Presumed earthquake

ISC 05 07:48:29.8±3.2, 19.99S; 71.55W±0.08, h8km±18km, n25, ±1979/34, 1C-6D, Off coast of northern Chile

Table listing earthquake stations with columns for station name, coordinates, and various parameters like depth and magnitude.

s-maj=17.2km s-min=11.4km az=80.0 NIED 05 07:58:54.7, 35.90N-140.80E, h41km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mm:0.43; Mss:0.36; Mtt:0.06; M0:0.28; Mx:1.20; My:0.45; Fault plane solution: Mw1.370000°10^15 NP1:89.0000°, δ67.00000°, λ159.00000°. NP2:188.00000°, δ71.00000°, λ25.00000°.

JMA 05 07:58:54.7±0.1, 35.90N; 0.4±140.8E±0.5, h41km±1km, MW3.7/35, NEAR CHOSHI CITY

JMA Feil J Jt at NEAR CHOSHI CITY, ISC 05 07:58:53.6±0.7, 35.92N; 0.04±140.89E±0.07, h31km±n34, ±992/9, mb3.9/13, 6Z, Near east coast of eastern Honshu

Table listing earthquake stations with columns for station name, coordinates, and various parameters like depth and magnitude.

DJA 05 08:08:26.9±0.2, 8°S; 12°E, h10km, M5.4/18, mb5.8/17, mb5.7/8, mb5.8/18, mb5.7/21, ML5.4/3, MLv5.4/2, MLv5.5/1, Mw(mB)5.2/8, Mw(mB)5.4/17, MwMwp4.0/2, MwMwp4.4/1, MwMwp4.5/2, MwMwp4.8/1

BUI 05 08:08:26.2, 7.91S; 128.76E, h107km, mb5.2/14, mb5.0/5, 0.59 MOS 05 08:08:28.7±0.7, 7.57S; 128.41E, h107km, mb5.2/21, Error ellipse: s-maj=10.7km s-min=5.9km az=114.8

NEIC 05 08:08:29.0±1.7, 7.72S; 0.07±128.32E±0.05, h92km±6km, mb5.1/73, MwMw4.9/14, Error ellipse: s-maj=10.0km s-min=6.4km az=158.0

GFZ 05 08:08:29.4±0.1, 8°S; 12°E, h98km, M5.1/57, IDC 05 08:08:29.0±0.6, 7.65S; 128.28E, h100km±4km, mb4.6/24, mbtmp5.0/28, MS3.7/17, Error ellipse: s-maj=11.7km s-min=8.3km az=95.0

GCMT 05 08:08:29.2±0.2, 7.73S; 0.01±128.32E±0.02, h89km±4km, MW5.0/122, Moment Tensor Solution. s33,c37; s122,c179; Duration: 0 Moment tensor: Scale 10^16Nm; Mm:0.52±1.6; Mss:0.16±1.7; Mtt:0.07±1.6; M0:0.7±1.6; Mx:3.3±1.0; My:1.8±1.3; Mz:0.45±0.9; Best double couple: Mcd:3.872000°10^16 NP1:20.00000°, δ30.00000°, λ171.00000°. NP2:100.00000°, δ86.00000°, λ61.00000°.

Principal axes: T 3.8720, Plg=2.0000, Azm=842.0000, N 0.0010, Pz=29.0000, Azm=103.0000, P -3.8720, Plg=3.4000, Azm=215.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 05 08:08:29.0±0.3, 7.79S; 0.03±128.32E±0.04, h96km±3km, h96km±pp-P, n418, ±174/442, mb5.1/110, 7C-2D, Banda Sea

Table listing earthquake stations with columns for station name, coordinates, and various parameters like depth and magnitude.

GUC 05 07:06:58.0, 62°23'S-58°17'W, h10km, ML4.3, Presumed earthquake, South Shetland Islands

NNC 05 07:17:48.4±0.6, 49°36'N-77°69'E, h0km, mb2.6, mpv2.4, Error ellipse: s-maj=72.5km s-min=22.4km az=107.0, Suspected Mining explosion.

IDC 05 07:17:55.2±1.4, 50°03'N-78°78'E, h0km, mbtmp2.3/2, ML1.8/2, Error ellipse: s-maj=12.7km s-min=10.0km az=67.0

ISC 05 07:17:52.6±5.2, 49.97N; 0.06±78.2E±0.5, h0km, n7, ±0959/10, 2C-5D, Eastern Kazakhstan

Table listing earthquake stations with columns for station name, coordinates, and various parameters like depth and magnitude.

IDC 05 07:58:48.3±0.7, 35°84'N-140°98'E, h0km, mb3.9/14, mbtmp3.9/19, ML3.8/6, MS3.9/3, Error ellipse:

Table listing earthquake stations with columns for station name, coordinates, and various parameters like depth and magnitude.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SOEI, MSAI, NLAJ, BATI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KKM, STKI, MTSU, PMG, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHTO, GYA, WHN, etc.

5d 8h

2020 DEC

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Table of astronomical observations for 5d 8h, listing station names, coordinates, and observation parameters.

Table of astronomical observations for 2020 DEC, listing station names, coordinates, and observation parameters.

Table of astronomical observations for 206, listing station names, coordinates, and observation parameters.

IDC 05 08:21:38.1±284.0, 56.96N±40.80E, h0km, Error ellipse: s-maj=104.4km s-min=43.0km az=85.0, Battic

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

MDD 05 08:22:31.5±1.0, 36.70N±7.27W, h18km±4km, mb_Lg2.5/6, Error ellipse: s-maj=7.0km s-min=3.7km az=1.0

SFS 05 08:22:33.7±36.78N±7.33W, h13km, ML1.6/5, INMG 05 08:22:33.9±0.9, 36.73N±7.34W, h9km, ML1.4, Error ellipse: s-maj=5.7km s-min=4.1km az=27.0

#DIST RANGE: LOCAL #IPMA REGION: Golfo de Cadiz, ISC 05 08:22:30.2±2.4, 36.77N±0.1±1.7±29W±0.05, h19km±5km, n16, #096/26, Strait of Gibraltar

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

SOME 05 08:27:07.4, 39°23'N-76°07'E, h10km, NNC 05 08:27:10.1±1.0, 39°33'N-76°09'E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=6.7km s-min=4.7km az=168.0

KRNET 05 08:27:20.8±0.1, 39°46'N-75°88'E, mb3.7, ISC 05 08:27:18.7±1.9, 39°39'N-0.09°75.82E±0.04, h10km, n48, #234/73, 19C-15D, Southern Xinjiang

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANVS Anyan'yev, TNSH Tian-Shan, DGS Degeres, etc.

KRNET 05:08:28.02.3.0.1,39°39'N,75°53'E, h35km, mb3.8, 12C-16D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, NRN Naryn, SALK Salom-Alik, etc.

SOME 05:08:33.2.39°47'N,75°50'E, h10km
IDC 05:08:33.34.9.0.9,39°38'N,75°77'E, h0km, mb3.8/14, mbmp3.8/20, ML3.3/4, MS3.1/1, Error ellipse: s-maj=18.5km s-min=15.2km az=86.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSH2 Kashi, ANVS Sufi-Kurgan, SFK Sufi-Kurgan, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NRN Naryn, SALK Salom-Alik, ARSB Arslanbob, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOTS Kotrybulak, DGS Degeres, MRKS Merke, etc.

Table with columns: MKAR, LR, LR, 08 38 41.8, etc. Includes stations like UTTARKASHI, Urumqi, Prithagarh, Kurchatov Arra, etc.

IDC 05 08:46:01.5-0.9, 40.27S; 78.21E, h0km, mb4.2/8, mbmp4.2/8, MS3.8/19, Error ellipse: s-maj=26.9km s-min=23.9km az=120.0

NEIC 05 08:46:02.4-1.0, 40.21S; 0.09E; 77.9E; 0.1, h10km, 1km, mb4.5/11, Error ellipse: s-maj=18.7km s-min=8.8km az=141.0

ISC 05 08:46:02.0-0.6, 40.22S; 0.09E; 78.0E; 0.1, h10km, n52, 0582/27, mb4.3/14, MS3.8/19, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AIS Amsterdam Isla, H04N2 CROZET ISLANDS, etc.

Table with columns: SNAEA Snae, VNDA Vanda, VNDA Vanda, QSPA South Pole Qui, etc. Lists various seismic stations and their coordinates.

SDD 05 08:47:52.4-2.1, 18.12N; 71.42W, h19km, 8km, MD2.7, ML2.7, MW3.1, Presumed earthquake

OSPL 05 08:47:53.4-1.7, 18.24N; 71.34W, h2km, 999km, ML2.0, Presumed earthquake

ISC 05 08:47:52.9-1.0, 18.22N; 0.04E; 71.47W; 0.05, h8km, 9km, n8, 0592/16, 4C-4D, Antarctic Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LODOU1 EI Espartillar, PODR Polo, NEDR Neiba UASD, etc.

TIR 05 09:00:44.5-2.0, 40.17N; 19.69E, h3km, 11km, ML1.3, MW1.9, Presumed earthquake, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SRN Sarande, KEK Kerkira, LSK Leskovik, etc.

KRNET 05 09:01:47.0-0.1, 39.55N; 75.73E, h30km, mb3.3, SOME 05 09:01:48.5, 39.60N; 75.57E, h20km

NINC 05 09:01:49.9-2.7, 39.67N; 75.64E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=19.1km s-min=14.4km az=158.0

ISC 05 09:01:49.9-1.6, 39.56N; 0.08E; 75.69E; 0.04, h10km, n36, 0145/63, 20C-20D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SFK Sufi-Kurgan, NRN Naryn, SALK Salom-Alik, etc.

Table with columns: KDJ Kajisay, UCH Uchtor, BOOM Booms koye usch, DRK Karamyk, etc. Lists stations and their coordinates.

AZER 05 09:35:49.8, 38.73N; 48.62E, h11km, ml2.7, TEH 05 09:35:51.9, 38.57N; 48.51E, h14km, 46km, ML2.7, Presumed earthquake

ISC 05 09:35:50.8-0.9, 38.70N; 0.03E; 48.59E; 0.03, h17km, 7km, n26, 0141/45, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LKRN Lenkeran, LKR Lerik, ASTRA Astara, etc.

KRSC 05 09:44:15.5-2.3, 49.59N; 157.44E, h56km, 45km, MI3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PAU Pauzhetka, KDR Khotudka, KAS Asacha, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Manton Dam, Tolitoli, Kununurra, Davao City (W), Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NOA NORSAR Array B, BRTR Keskin Array B, AKASA Malin Array B, etc.

IDC 05 11:10:20.5:0.9,24.28Sx115.47W,h0km,mb3.9/6, mbmp3.9/6,MS3.7/11, Error ellipse: s-maj=42.2km s-min=25.1km az=68.0

ISC 05 11:10:22.1:1.0,24.3Sx115.4W:0.3,h10km,n24, s=190.0,mb3.9/6,MS3.6/10, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RPN Rapa Nui, PPT Papeete, H03N2 Juan Fernandez, etc.

NNC 05 11:14:0.8:1.37:14Nx70.56E,h0km,mb3.6,mpv3.2, 2C-2D, Error ellipse: s-maj=65.5km s-min=49.0km

az=165.0,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, etc.

TIR 05 11:14:59.0:2.9,38.64N:20.22E,h8km,ML2.1, MW2.5, Presumed earthquake

ATH 05 11:14:56.8,38.68N:20.57E,h16km,ML2.4/2.1,C, Latitude uncertainty: 0.5km; Longitude uncertainty: 0.5km, Greece

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DRAG Dragano-Lefkad, EVGI Lefkada island, NYDR Nydri-Lefkada, etc.

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

IDC 05 11:29:24.6:8.7,36.65N:71.22E,h130km,56km,mb3.4/5, mbmp3.9/11, Error ellipse: s-maj=75.8km s-min=35.6km az=175.0

NNC 05 11:29:26.9:6.0,36.94N:70.59E,h82km,111km,mb3.8, mpv4.1, Error ellipse: s-maj=52.9km s-min=35.8km az=160.0

ISC 05 11:29:19.2:0.9,36.35N:0.07x71.22E:0.10,h100km,n29, r186/33,mb3.9/5,2C-2D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ALCI Alchi Leh, TSSA Tissa, TSSA Tissa, etc.

DJA 05 11:34:15.4:0.5,7.5S:12.9E,h151km,13km,M4.0/8, mb4.6/1,mb4.6/1,mb3.8/5,mb3.8/5,MLv4.17,MLV4.1/8, Mw(MB)3.8/1,Mw(MB)3.8/1, Banda Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, FAKI Faki, SOEI Soe, etc.

NEIC 05 11:34:35.3:1.2,5.62S:0.05:152.6E:0.1,h10km,1km, mb4.5/14, Error ellipse: s-maj=24.6km s-min=5.0km az=106.0

IDC 05 11:34:42.3:2.0,5.51S:152.25E,h56km,15km,mb3.9/14,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

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

BGR 05 12:44:35.8, 35.78N, 32.52E, h119km, mb5.5
BUI 05 12:44:39.6, 36.00N, 31.80E, h98km, mb5.5/31, mb5.5/78
ISK 05 12:44:39.6, 35.99N, 31.80E, h99km, 1km, ML5.5/4
NEIC 05 12:44:39.9, 36.03N, 31.88E, h80km
GII 05 12:44:40.5, 0.35, 91N, 31.78E, h0km, 9km, Mw5.0, confirmed

GRAL 05 12:44:40.8, 0.5, 35.99N, 31.70E, h47km, 999km, MD4.9
MOS 05 12:44:40.9, 0.9, 36.15N, 31.80E, h89km, mb5.4/63, Error ellipse: s-maj=3.6km s-min=2.2km az=105.7
NEIC 05 12:44:40.1, 36.02N, 31.86E, h83km
NEIC 05 12:44:40.5, 1.36, 07N, 31.88E, 0.05, h85km, 4km, mb5.4/497, Mw5.5/22, Mw5.5/348, Error ellipse: s-maj=8.0km s-min=5.9km az=207.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M=0.0; M=0.68; M=0.14; M=0.48; M=0.64; Fault plane solution: Mo:1.01000e+10, N1:0.208.66000, delta23000, lambda-139.07000. NP2:0.110.29000, delta9.79000, lambda-12.83000. Principal axes: T 0.9734, Plg20.0000, Azm335.0000; N 0.0727, Plg48.0000; Azm220.0000; P -1.0461, Plg35.0000, Azm78.0000

MED_RC 05 12:44:40.0, 36.03N, 31.81E, h101km, Mw5.3, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M=0.0; M=0.75; M=0.75; M=0.0; M=0.0; M=0.32; M=0.2; M=0.61; M=0.03; M=0.58; 0.02; Fault plane solution: Mo:1.5000e+10, N1:0.115.0000, delta85.0000, lambda-2.0000. NP2:0.206.0000, delta88.0000, lambda-145.0000. Principal axes: T 1.1900, Plg23.0000, Azm335.0000; N -0.0800, Plg55.0000, Azm208.0000; P -1.1100, Plg25.0000, Azm76.0000
IDC 05 12:44:40.0, 0.7, 36.09N, 31.83E, h90km, 6km, mb5.0/29, mbtmp5.4/44, MS4.0/73 Error ellipse: s-maj=7.2km s-min=6.6km az=53.0
GCMT 05 12:44:41.2, 0.1, 36.02N, 0.01, 31.91E, 0.01, h108km, 1km, Mw5.4/136, Moment Tensor Solution. s104.0, c148, s136.0, c262. Duration: 1.22 Moment tensor: Scale 10^17 Nm; M=0.0; M=0.0; M=0.94; M=0.0; M=0.93; 0.0; M=0.32; M=0.66; 0.02; M=0.74; 0.1; Best double couple: Mo:1.40200e+10, N1:0.117.0000, delta85.0000, lambda-1.0000. NP2:0.208.0000, delta89.0000, lambda-145.0000. Principal axes: T 1.3750, Plg23.0000, Azm335.0000; N 0.0530, Plg55.0000, Azm209.0000; P -1.4290, Plg25.0000, Azm78.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
GFZ 05 12:44:41.6, 36.08N, 31.79E, h97km, Mw5.2/161, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; s104.0, c148, s136.0, c262. Duration: 1.22 Moment tensor: Scale 10^17 Nm; M=0.27; M=0.44; M=0.45; M=0.24; M=0.32; M=0.46; M=0.27; M=0.44; M=0.45; M=0.24; M=0.32; M=0.46; Fault plane solution: Mo:8.74363e+10, NP1: 0.112.00359, delta52.79883, lambda4.48938. NP2:0.19.28572, delta86.42547, lambda142.71401. Principal axes: T 9.1415, Plg28.1391, Azm328.9284; N -0.8591, Plg52.5679, Azm194.6046; P -8.2824, Plg22.5470, Azm71.7577
NIC 05 12:44:41.7, 36.18N, 32.02E, h50km, 31km, M5.1/4, 7
GFZ 05 12:44:41.2, 0.1, 36.12N, 3.32E, h106km, 2km, M5.2/121, mb5.8/85, mb5.4/121, Mw(m)5.3/85
AFAD 05 12:44:42.3, 36.09N, 31.90E, h77km, Mw5.2
CFUSG 05 12:44:43.8, 36.10N, 31.80E, h100km, Mb5.0/8, MD4.3/4, MS4.2/8
TIR 05 12:44:43.6, 4.9, 36.20N, 31.03E, h0km, 999km, ML6.9, MW4.1, Presumed earthquake
THE 05 12:44:45.0, 36.15N, 3.1E, h106km, 10km, M5.4/10, mb6.0/1, MLH5.4/10, MwMwp5.0/1, Mw5.3/1
NEIC 05 12:44:46.2, 36.02N, 31.86E, h80km, Moment Tensor Solution. Duration: 2.33 Moment tensor: Scale 10^17Nm; M=0.0; M=0.73; M=0.72; M=0.27; M=0.66; M=0.50; Fault plane solution: Mo:1.4000e+10, NP1: 0.114.35000, delta59.90000, lambda0.87000. NP2:0.23.91000, delta85.25000, lambda149.89000. Principal axes: T 1.1602, Plg21.0000, Azm335.0000; N -0.0405, Plg60.0000, Azm203.0000; P -1.1107, Plg20.0000, Azm73.0000
NAO 05 12:45:12.5, 40.26N, 30.66E, h33km, MB4.7
ISC 05 12:44:40.9, 0.3, 36.07N, 0.02, 31.85E, 0.02, h97km, 1km, h97km; P-P, n1703, c1930/1823, mb5.4/432, 112C-118D, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GAZI Gazipasa, GAZI Gazipasa, GAZI Gazipasa, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GULN, AKKZ Akkuyu-Mersin, SEDI Konya, Seydis, SEDI Konya, SEDI Konya, SEDI Konya, etc.

5d 12h

Table with columns for station name, frequency, and other technical details. Includes stations like Thira Island, Santorini-Faro, Al Zarka, Mizpe Shalem, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like SEV, SEV, SEV, SEV, YAL, YAL, YAL, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like VLAD, VLAD, VLAD, VLAD, GIUM, GIUM, GIUM, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MDVR Moldovita, ERBR Yerezimino-Bor, PDG Podgorica, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like FDMO Fjordimonte, SOP Sopron, CESX Cesl, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like ABTA, CGRP Cima Grappa, CKRC Cesky Krumlov, etc.

5d 12h

Table with columns for station name, frequency, power, and signal quality. Includes stations like UZB DHARMASHALA, SHLS Shalkode, WUS Wushi, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like KNGR Nord, ANGG Ammassalik, LSA Lhasa, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like BTO2, KWAN Kaudwane, KOOLE Kule, etc.

5d 13h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GOGA Godfrey, X51A Calhoun, 544A Carbondale, etc.

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Main table with columns: DCZ RPN, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Deep Cove, Rapa Nui, etc.

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like T.JX, SDMC, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like H1S1 WAKE ISLAND and H1S2 WAKE ISLAND.

IDX 05 14:58:11.7-0.8, 32.31N-105.39E, h0km, mb3.6/8, mbmp3.6/11, ML4.0/3, Error ellipse: s-maj=29.8km s-min=13.1km az=67.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LZDM Lanzhou Array, ZALV Zalesovo Beam, and CMAR Chiang Mai Arr.

MAN 05 15:12:37.0, 5.15N-127.56E, h33km, MS3.6 IDC 05 15:12:41.0, 4.2, 5.17N, 127.43E, h173km, 44km, mb3.4/9, mbmp3.9/10, Error ellipse: s-maj=37.0km s-min=17.1km az=71.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DDMP Don Marcellino, WRA Warramunga Arr, and ARCES ARCES Array B.

IDX 05 16:02:49.1, 1.5, 9.81S-150.13E, h0km, mb3.6/3, mbmp3.5/5, ML2.3/2, Error ellipse: s-maj=29.9km s-min=17.6km az=6.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PMG Port Moresby, WRA Warramunga Arr, and ARCES ARCES Array B.

SJA 05 16:27:15.2, 0.8, 27.93S-67.84W, h23km, 3km, ML3.4, MW3.6, Catamarca Province

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TINO Tinogasta, AC02 Maricunga, and AC05 El Transito.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AC05 Catayete, FSA FSA, and AHML Horco Molle.

IDX 05 17:10:17.4, 1.1, 14.54S-177.23W, h0km, mb3.8/6, mbmp3.8/7, ML3.8/1, MS4.0/8, Error ellipse: s-maj=65.0km s-min=18.6km az=163.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AFI Afiamalu, PMG Port Moresby, WRA Warramunga Arr, and ARCES ARCES Array B.

IDX 05 17:12:35.0, 0.8, 14.72S-177.27W, h0km, mb4.0/7, mbmp4.0/8, ML4.0/2, MS3.9/18, Error ellipse: s-maj=39.9km s-min=17.2km az=154.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AC02 Cerro Coronel, AC04 Llanos de Chal, and AC01 Pan de Azucar.

NEIC 05 17:12:35.4, 0.6, 14.7S-177.20W, 0.06, h10km, n54, 1193/32, mb4.2/11, MS3.8/15, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FUUU Fugatoga, AFI Afiamalu, and MSVF Nonsavu.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM Mont Dzumac, HNR Honiara, and WRA Warramunga Arr.

IDX 05 17:15:15.2, 0.33, 33S-179.36W, h0km, mb3.8/3, mbmp3.8/4, ML3.9/1, Error ellipse: s-maj=48.3km s-min=36.2km az=68.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR Mina Array Bea, PDAR Pinedale Array, and ARCES ARCES Array B.

NEIC 05 17:15:19.6, 1.6, 33.7S-179.4W, 0.2, h29km, 9km, mb4.4/4, Error ellipse: s-maj=23.2km s-min=16.0km az=67.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like URZ Urewera, ARCES ARCES Array B, and WRA Warramunga Arr.

5d 17h

MDD 05 17:15:47.1.1, 35:50N-3:65W, h6km, 6km, mb, Lg2.5/5, Error ellipse: s-maj=10.1km s-min=4.0km az=49.0

ISC 05 17:15:45.4.1.5, 35:54N-0.03:3.7W, h0km, 12km, n18, c16/29, Strait of Gibraltar

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res, ISC. Rows include stations like WMEIL Melilla, EMEL Melilla, EMLI Melilla, AKFM AKL, TAF Tforalft, etc.

IDC 05 17:22:37.6.0.7, 36:80N-140:55E, h0km, mb3.7/9, mtbnp3.6/12, ML3.1/3, Error ellipse: s-maj=15.2km

NIED 05 17:22:40.1, 36:79N-140:58E, h9km, MW3.7, Moment Tensor Solution, s3, Moment tensor: Scale 10^14Nm;

JMA 05 17:22:40.1, 0.0, 36:79N-140:58E, h0km, MB3.7/9, MW3.7/20, NORTHERN IBARAKI PREF

JMA Felt II J1 at NORTHERN IBARAKI PREF, ISC 05 17:22:39.8.1.0, 36:78N-0.03:140.61E-0.05, h13km, 7km, n29, c9/27/29, mb3.5/9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res, ISC. Rows include stations like JHO Hitachi, JFDD Fukushimafurud, ONAJ Iwakimizuishi, etc.

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res, ISC. Rows include stations like ASAJ Asahikawa, KSRSS Korea Array, WAKE ISLAND HY, etc.

DRS 05 17:33:21.6, 41:23N-43:91E, h10km, NORS 05 17:33:21.4, 41:33N-43:91E, h1km, MPVA3.7, ISK 05 17:33:21.9, 41:36N-44:09E, h1km, ML2.7/11

AFAD 05 17:33:22.1, 41:39N-44:02E, h10km, AFAD 05 17:33:23.2, 41:39N-43:93E, h7km, 3km, ML2.2, AZCR 05 17:33:24.1, 41:47N-44:37E, h7km, ml2.6

ISC 05 17:33:24.0.9, 41:39N-0.01:44.03E-0.01, h8km, 8km, n66, c19/29/120, Western Caucasus

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res, ISC. Rows include stations like TRLG Trialeti, KZRT Kazreti, BGD Bogdanovka, etc.

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Main table with columns: EAK, comp-E, IAML, 1733 48.0, etc. Rows include stations like EAK, EPOS Posof, EPOS, KARS Kars, QZXX Qazax, etc.

SOME 05 17:40:44.1, 40:00N-77:85E, h20km, KRNET 05 17:40:47.0.1.0, 40:05N-77:66E, mb3.7, NNC 05 17:40:47.8.1.6, 40:17N-77:71E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=11.4km s-min=8.3km az=154.0, ISC 05 17:40:47.6.1.2, 40:10N-0.05:77.76E-0.04, h10km, n63,

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Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res, ISC. Rows include stations like Taragay, Kyrgy, Naryn, Kashi, Kajisay, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Ospenovka, Baldybastay, ARX5 Arharly, etc.

IDC 05 17:55:20.2-1.0, 55.11N-160.06W, h0km, mb3.8/18, mblmp3.8/22, ML3.1/3, Error ellipse: s-maj=26.1km s-min=11.0km az=161.0 NEIC 05 17:55:22.5-1.7, 54.61N-160.06W:159.66W:0.04, h31km,4km, mb4.3/29, ML4.1/34, ML3.9(AEIC), Error ellipse: s-maj=8.9km s-min=1.1km az=160.0 AEIC 05 17:55:23.1-2.1, 54.57N-160.06W:159.66W:0.06, h24km,3km, Error ellipse: s-maj=7.9km s-min=4.7km az=162.0 ISC 05 17:55:21.8-1.0, 54.64N-160.06W:159.69W:0.03, h29km,6km, n195, r138/220, mb4.1/29, South of Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Chernabura Isl, Dolgoi Island, Dutton South F, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Katmai Rainbow, Katmai Hardcor, Katmai River, Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WAKE ISLAND Hy 44.28 229 T, WAKE ISLAND Hy 44.28 229 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sitkinak Islan, Akutan Zero, Unalakula, etc.

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

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

SKHL 05 19:08:59.1±0.2, 45:60N; 153:60E, h39km, 2km, mb4.5/4
IDC 05 19:09:02.0, 18.0, 47.11N; 152:46E, h0km, mb3.8/4,
mbtmp3.8/5, ML2.0/1, Error ellipse: s-maj=384.1km
s-min=29.6km baz=148.0

ISC 05 19:08:59.4-2.7, 46:5N; 03:153:3E; 0.3, h24km, n16,
c#303/14, mb3.9/4, Kuril Islands

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

SNET 05 19:30:31.6±1.1, 15:83N; 89:95W, h127km, ML4.4,
Presumed earthquake

IDC 05 19:30:32.0±0.9, 15:70N; 90:14W, h0km, mb3.8/7,
mbtmp3.9/10, ML3.4/3, MS3.3/15, Error ellipse:
s-maj=13.3km s-min=12.4km az=68.0

NEIC 05 19:30:32.5±1.4, 15:64N; 0:04:90:02W; 0.03, h2km, 5km,
mb4.3/40, Error ellipse: s-maj=5.9km s-min=3.9km
az=212.0

CATAC 05 19:30:33.0±0.2, 16°N; 1°9'0W; 1, h1km, M4.5/21,
ML4.5/21, Error ellipse: s-maj=3.1km s-min=2.4km
az=32.0, confirmed

GCG 05 19:30:33.2±2.3, 15:64N; 89:95W, h7km, 15km, MD4.7,
ML4.6, Presumed earthquake

ISC 05 19:30:32.3±1.1, 15:85N; 0:02:89:99W; 0.02, h3km, 8km,
n133, c#992/151, mb4.0/7, MS3.3/14, Guatemala

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

IZABA IZabal, Puerto 1.36 87 P Pn 19 31 26.2 -0.2

IZABA IZabal, Monteclaro 1.39 154 P Pn 19 31 58.4 +0.1

MTOS Montecristo 1.39 154 Pn Pn 19 30 58.2 -0.7

MTOS Montecristo 1.39 154 Pn Pn 19 31 18.0 -0.3

MTOS Montecristo 1.39 154 Pn Pn 19 30 58.2 -0.7

MTOS Montecristo 1.39 154 Pn Pn 19 31 17.6 -0.1

MTOS Montecristo 1.39 154 Pn Pn 19 31 20.7

MTOS Montecristo 1.39 154 Pn Pn 19 30 58.4 -0.3

MTOS Montecristo 1.39 154 Pn Pn 19 31 18.8 +1.1

FG16 Alotenango, Sa 1.46 200 P Pn 19 30 59.5 -0.7

SARH Santa Rosa de 1.47 126 P Pn 19 30 59.8 0.0

SARH Santa Rosa de 1.47 126 P Pn 19 30 59.6 -0.2

SARH Santa Rosa de 1.47 126 P Pn 19 31 18.9 +0.2

PCGS San Vicente Pa 1.48 195 P Pn 19 30 59.9 -0.5

FG8 Yecopaca, Chim 1.49 202 P Pn 19 31 01.0 +0.3

Table containing earthquake data for stations in the Americas, including columns for station name, magnitude (M), depth (D), time (T), and other parameters.

Table containing earthquake data for stations in the Pacific and Indian Oceans, including columns for station name, magnitude (M), depth (D), time (T), and other parameters.

Table containing earthquake data for stations in the Pacific and Indian Oceans, including columns for station name, magnitude (M), depth (D), time (T), and other parameters.

5d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Pan de Azucar, La Paz, Maricunga, etc.

ISC 05 20:07:13.8±2.5, 50.12N; 114.92W, h0km, mb2.6/1, mbtmsp3.0/3, ML3.1/2, Error ellipse: s-maj=46.6km s-min=15.0km az=111.0, Alberta

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

SDD 05 20:14:11.4±1.9, 18.18N; 71.34W, h16km, 7km, MD2.7, ML2.8, MW2.9, Presumed earthquake

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ISC 05 20:14:11.7±0.9, 18.23N; 0.03; 71.38W, 0.04, h11km, 6km, n11, c1509/19, 10C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Polo, El Espartillar, Neiba UASD, etc.

DJA 05 20:14:23.0±4.0, 8°N, 34°12'6"E, h97km, 24km, M4.7/8, mB5.1/6, mB5.1/6, mb4.8/8, mb4.8/8, MLv4.7/6, MLv4.7/8, Mw(mB)4.4/6, Mw(mB)4.4/6

MAN 05 20:14:30.0±1.0, 6.97N; 125.67E, h4.0km, MS4.3, ISC 05 20:14:31.6±0.8, 6.95N; 0.04; 125.68E; 0.07, h61km, 6km, n23, c1570/31, mb3.5/6, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Davao City (W), Davao City (S), Davao City (M), etc.

SDD 05 20:18:29.1±1.9, 18.10N; 71.45W, h16km, 7km, MD2.7, ML2.2, MW3.1, Presumed earthquake

OSPL 05 20:18:30.7±1.0, 18.23N; 71.46W, h7km, 13km, ML1.3, Presumed earthquake

ISC 05 20:18:30.1±1.1, 18.21N; 0.04; 71.45W, 0.04, h7km, 9km, n10, c0569/17, 10C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like El Espartillar, Polo, Neiba UASD, etc.

DJA 05 20:25:34.2±0.5, 8°S, 4°12'0"E, h166km, 9km, M4.0/11, MLv2.6/2, MLv4.0/11, ISC 05 20:25:33.4±0.9, 8.23S; 0.08; 119.83E; 0.05, h201km, n24, c1947/24, Flores region

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Labuhan Bajo, Ende, Flores, Plampang, etc.

NNC 05 20:30:10.3±4.0, 36.53N; 70.29E, h82km, 57km, mb3.5, mpv3.5, Error ellipse: s-maj=30.2km s-min=24.6km az=0.0

ISC 05 20:30:02.4±1.2, 36.00N; 0.08; 70.5E; 0.1, h100km, n17, c292/28, 5C-2D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Jammu, Tissa, Alchi Leh, etc.

CNRM 05 20:38:36.5, 36.04N; 9.46W, h28km, MDD 05 20:38:36.9±0.6, 36.27N; 9.70W, h14km, mb, Lg3.3/13, Error ellipse: s-maj=5.4km s-min=4.0km az=79.0

IGIL 05 20:38:38.6, 36.23N; 9.73W, h30km, ML2.7, SFS 05 20:38:38.0, 36.21N; 9.72W, h35km, ML3.1/17, ML3.6/17, MLv3.6/13

INMG 05 20:38:38.7±1.1, 36.23N; 9.74W, h30km, 8km, ML2.5, Error ellipse: s-maj=4.8km s-min=3.3km az=60.0, #DIST_RANGE: REGIONAL #IPM_REGION: SW Cabo S. Vicente

ISC 05 20:38:34.5±1.6, 36.25N; 0.05; 9.74W; 0.07, h10km, n82, c197/120, 2C, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Cabo S. Vicente, Vila Bisbo, Marlete, etc.

2020 DEC

Table with columns: ARXS, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Arharly, Kotyrybuak, MDOK, KST, DGS, KRBS, etc.

SJA 05:22:38.38:3.0:7.28:12S:71.65W, h24km, 3km, ML4.4, MW4.2
NEIC 05:22:38.43:3.1:3.28:22S:71.33W:0.06, h30km, 5km, mb4.4/15, Mw3.9/43, ML4.4(GC), Error ellipse: s-maj=7.8km s-min=4.3km az=99.0, Moment Tensor Solution...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like Llanos de Chal, Las Campanas, Copiapo, etc.

Table with columns: CO02, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Combarbal, Cerro Coronel, DINA, etc.

ISC 05:22:39.04:1.3:40.28S:77.84E, h0km, mb4.0/6, mbmp4.0/6, MS3.8/36, Error ellipse: s-maj=44.4km s-min=24.7km az=98.0
NEIC 05:22:39.01:5.1:1.40:22S:0.09:77.8E:0.3, h10km, 1km, mb4.6/8, Error ellipse: s-maj=33.1km s-min=13.8km az=99.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Amsterdam Isla, CROZET ISLANDS, MAW, etc.

NEIC 05:22:57.53:1.9:19.53S:0.08:173.99W:0.08, h35km, 2km, mb4.4/14, Error ellipse: s-maj=16.8km s-min=6.2km az=37.0
NOU 05:22:57.55:6.1:19:88S:173:62W, h25km, mb4.6/9, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Niue, Afi Afiamalu, MSVF, etc.

6d 0h

Table with columns for station code, name, and various parameters like frequency, power, and status. Includes stations like EKA, BORG, ECH, etc.

IDC 06:00:15:19.9:1.0, 7:20N, 127:15E, h0km, mb3.6/6, mtdmp3.6/6, Error ellipse: s-maj=21.9km s-min=17.1km

MAN 06:00:15:25.0:7:13N, 127:00E, h22km, MS3.5
ISC 06:00:15:26.2:2.4, 7:16N, 127:0E, 0.1, h44km, 23km, n15, <198/19, mb3.5/6, Philippine Islands region

Table with columns for station code, name, and various parameters. Includes stations like CDOP, BIPH, DAV, etc.

2020 DEC

Table with columns for station code, name, and various parameters. Includes stations like ASAR, MKAR, KURBB, etc.

MOS 06:00:27:22.1±1.0, 38:03N, 66:41E, h12km, mb4.8/39, Error ellipse: s-maj=4.6km s-min=3.0km az=62.7
IDC 06:00:27:22.7:0.7, 38:04N, 66:40E, h0km, mb4.4/21, Karndm4.5/31, ML4.2/210, MS3.3/21, Error ellipse: s-maj=11.8km s-min=8.8km az=177.0
NEIC 06:00:27:23.8:1.6, 37:97N, 0:07, 66:41E, h10km, 1km, mb4.8/51, Error ellipse: s-maj=11.7km s-min=10.0km az=143.0
ISU 06:00:27:23.7:91N, 66:45E, h10km
BUJ 06:00:27:23.7, 38:11N, 66:73E, h6km, mb5.1/5, mb4.5/26, ML4.5/1, Msd4.1/9, Mst7.3/8/11
NNC 06:00:27:24.2:4.3, 38:13N, 66:27E, h11km, 12km, mb4.8, mpv4.7, Error ellipse: s-maj=18.7km s-min=11.1km az=153.0
GFZ 06:00:27:25.4:0.2, 38:14N, 66:7E, h10km, M4.7/20, mb4.7/20

Main table with columns for Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, and various other parameters. Includes stations like ZRB, PKMR, AGL, etc.

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Table with columns for station code, name, and various parameters. Includes stations like TNS, PRZ, WUS, SATY, etc.

6d 1h

Table with columns: YAK, comp, pmax, pmax, etc. Includes stations like Kuma jima 2, Songino Array, Makanchi Array, Warramunga Arr, Kurchatov Arra, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Kuro-shima, Iriote-Funau, Ishigaki jima, etc.

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Main table with columns: JKE, SONM, MKAR, WRA, KURBB, ASAR, YKA, etc. Includes station names, coordinates, and various parameters like SNR, S/N, etc.

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Table with columns: MUGZ, RTZ, PRGZ, KNZ, MHGZ, RAHZ, RAHZ, MTHZ, MTHZ, BKZ, BKZ, BKZ, etc. Includes station names and various parameters.

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Table of astronomical observations including station names like MOPAN, MSNA, KGCAR, and various technical parameters such as RA, Dec, Az, and signal strength.

2020 DEC

Main table of astronomical observations for December 2020, listing station names (e.g., TOKA, BDBF, LCO), frequencies (e.g., 67.46), and various technical details.

6d 1h

Summary table of astronomical observations, providing a consolidated view of station names, frequencies, and technical parameters.

Table of astronomical data for 6P 1h, listing various stations, station names, and associated numerical values.

TRN 06 01:08:20.0, 10:59N.62:36W, h118km, MD3.8, Paria peninsula.

FUNV 06 01:08:32.1, 10:64N.62:61W, h22km, MW3.9, Presumed earthquake

ISC 06 01:08:29.2, 10:58N.069:62:59W.008, h109km, 26km, n20, e1930/38, 1D, Near coast of Venezuela

Main table of astronomical data for 6P 1h, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residuals.

IDC 06 01:14:29.9, 1.0, 39:14N.76:05E, h0km, mb3.9/9, mbmp3.8/14, ML2.9/6, MS2.1/1, Error ellipse: s-maj=20.5km s-min=13.6km az=80.0

KRNET 06 01:14:29.9, 0.1, 39:01N.75:94E, mb4.2, SOME 06 01:14:31.2, 39:03N.76:17E, h10km

NMC 06 01:14:34.0, 1.6, 39:18N.76:10E, h6km, 9km, mb4.2, mpv3.8, Error ellipse: s-maj=10.8km s-min=8.8km az=1.0

NEIC 06 01:14:35.5, 1.7, 39:0N.0.1:76.0E.0.1, h48km, 11km, mb4.4/6, Error ellipse: s-maj=16.9km s-min=10.2km az=154.0

ISC 06 01:14:30.7, 0.5, 39:05N.0:03:75:89E.0:03, h10km, n99, -28:79:28, mb4.0/13, 20C-14D, Southern Xinjiang

Main table of astronomical data for 6P 1h, continuing with station names and numerical data.

Main table of astronomical data for 2020 DEC, listing stations like AAK, DJR, BRLS, etc., and their associated data.

Main table of astronomical data for 2020 DEC, continuing with station names and numerical data.

THE 06 01:32:33.6, 38°N, 2°27'E, h5km, 2km, M2.5/9, MLh2.5/9, ATH 06 01:32:33.0, 37:63N.26:73E, h10km, 1km, ML2.6/8, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

ISK 06 01:32:33.8, 37:69N.26:82E, h22km, ML2.0/7, ISC 06 01:32:33.1, 0.8, 37:66N.0:02:26:74E.0:03, h11km, 5km, n36, e0:79/53, Dodecanese Islands

Main table of astronomical data for 2020 DEC, including stations like SMG, KARLOVASI, etc., and their associated data.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like THERA Ancient Thera, THRS Thira Island, etc.

DJA 06 01:36:23.9.0.7.0 N.4 x 12.2E, h154km, 6km, M3.5/12, MLV3.5/11, MLV3.5/12

IDC 06 01:36:24.5.8.2.0.18N.122.06E, h200km, 84km, mb3.0/4, mbtmp3.5/5, Error ellipse: s-maj=103.0km s-min=19.7km az=64.0

ISC 06 01:36:21.1.0.9.0.39N.009.122.01E, 0.08, h148km, n10, c323/13, mb3.3/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GTOI Gorontalo, APSI Ampana, LUWI Luwuk, etc.

NEIC 06 01:37:02.7.2.6.37.06N.0.03.34.51E, 0.06, h10km, 2km, mb4.2/6, Error ellipse: s-maj=8.8km s-min=5.3km az=285.0

IDC 06 01:37:04.9.1.6.36.95N.34.27E, h75km, 27km, mb3.3/4, mbtmp3.5/9, M52.1/1, Error ellipse: s-maj=21.8km s-min=11.6km az=57.0

ISK 06 01:37:04.4.37.12N.34.53E, h47km, 1km, ML3.7/35

NIC 06 01:37:05.7.36.98N.34.38E, h41km, 38km, ML3.7/35

GII 06 01:37:06.9.0.0.36.847N.0.002.34.351E, 0.001, h0km, Mws3.5, confirmed

ISC 06 01:37:05.0.0.8.37.08N.0.003.34.48E, 0.03, h69km, 8km, n148, c132/196, mb3.7/7, 2C-5D, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KIZK Mersin, CMRD Camardi-Nigde, KARAT Karatas, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MVOU Gaziantep, GAZ Gaziantep, KULU Kulu, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GHAJ Ghor Haditha, GHAJ Ghor Haditha, GHJH Ghor Haditha, etc.

IDC 06 01:48:35.5.1.6.7.80S.119.13E, h0km, mb3.3/3, mbtmp3.3/5, ML3.5/2, Error ellipse: s-maj=41.2km s-min=18.2km az=78.0

DJA 06 01:48:38.0.0.3.8.S4.4 x 11.9E, h10km, M3.4/8, ML3.3/7, MLV3.4/9, MLV3.4/8

ISC 06 01:48:39.6.1.0.7.92S.0.06.118.98E, 0.06, h34km, n12, c0592/13, mb3.4/3, Flores Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DBNI Kabupaten Domp, DBNI Kabupaten Domp, DBNI Kabupaten Domp, etc.

WRA Alice Springs 21.21 139 P 0.3nm, 0.3s, baz=305, slow=1.3, SNR=14

ASAR Alice Springs 21.21 139 P 1.1nm, 0.5s, baz=315, slow=1.0, SNR=20

MKAR Makanchi Array 63.49 333 P 0.2nm, 0.5s, baz=150, slow=7.1, SNR=1.7

KURBB Kurchatov Arra 68.00 334 P 0.1nm, 0.3s, baz=139, slow=5.1, SNR=1.4

NAO 06 01:49:33.5.0.4.14N.12.98E, h33km, MB2.9

ROM 06 01:49:38.1.0.5.40.00N.0.02.13.18E, 0.04, h477km, 4km, ML3.8/10, Error ellipse: s-maj=2.5km s-min=2.4km az=80.0

IDC 06 01:50:03.9.1.0.40.22N.13.03E, h456km, 14km, mb3.1/12, mbtmp3.8/25, Error ellipse: s-maj=18.7km s-min=11.9km az=40.0

NEIC 06 01:50:03.9.2.2.40.20N.0.1.13.0E, 0.1, h460km, 12km, mb4.0/11, Error ellipse: s-maj=16.5km s-min=15.4km az=212.0

GFZ 06 01:50:03.1.0.3.40.N.3 x 1.3E, h446km, M3.7/60, mb3.7/60

ISC 06 01:50:03.5.0.6.40.06N.0.07.13.12E, 0.06, h458km, 7km, n316, c192/329, mb3.6/16, 19C-18D, Tyrrenian Sea

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SGO Sicignano, RCVV Rocca di Cave, VVLD Villa Vallelon, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FUORN Ofenpass-Fuorn, BNI Bardonecchia, BEHE Becsehely, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like STEB Steborrice, IDI Anoyia, RICC Richard, etc.

Table with 7 columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YKA, HHC, HHC, SDD, SSNC, OSPL, ISC.

SDD 06:02:08:35.92.2, 18.79N:70.42W, h94km, 9km, MD3.4, ML2.9, MW3.3, Presumed earthquake

SSNC 06:02:08:36.51.2, 19.67N:70.44W, h26km, 18km, MD3.5, ML2.3, Presumed earthquake

OSPL 06:02:08:36.01.9, 18.80N:70.39W, h94km, 14km, ML2.6, Presumed earthquake

ISC 06:02:08:32.31.5, 18.83N:0.005:70.43W, h114km, 8km, n21, c195/55, 31C-4D, Dominican Republic region

Main table for the first section containing station data and earthquake parameters for the first event.

PRE 06:02:14:36.01.1, 26.91S:26.71E, h2km, ML3.1, Presumed earthquake

ISC 06:02:14:36.11.2, 26.90S:0.03:26.66E, h12km, 9km, n26, c214/52, South Africa

Main table for the second section containing station data and earthquake parameters for the second event.

Main table for the first section containing station data and earthquake parameters for the first event.

CATAC 06:02:31:35.51.7, 14.1N:5.91W, h23km, 4km, M3.3/12, MLv3.3.2, Error ellipse: s-maj=11.6km s-min=3.4km az=17.2, confirmed

GCG 06:02:31:38.01.7, 13.76N:90.67W, h47km, 20km, MD3.5, Presumed earthquake

ISC 06:02:31:35.21.9, 13.60N:0.09:90.65W, h107km, 12km, n21, c190/34, Near coast of Guatemala

Main table for the second section containing station data and earthquake parameters for the second event.

AFAD 06:02:50:39.2, 37.92N:26.06E, h7km, 2km, MW3.9

ISK 06:02:50:39.5, 38.00N:26.06E, h9km, ML3.8/19

SDC 06:02:50:40.5, 37.88N:26.22E, h0km, mb3.7/8, mbtmp3.7/15, ML3.6/4, MS2.7/3, Error ellipse: s-maj=13.2km s-min=11.1km az=6.0

ATH 06:02:50:41.9, 37.98N:26.23E, h24km, 2km, ML3.8/58, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 06:02:50:42.3, 38.1N:1.2E, h23km, 4km, M3.6/31, MLh3.6/31

GII 06:02:50:43.1, 37.54N:0.004:25.962E, h0.001, h0km, Mws3.3, confirmed

SOF 06:02:50:50.4, 38.8N:0.3:26.1E, h10km, 2km, MD3.7/13

ISC 06:02:50:51.5, 38.00N:0.02:26.14E, h10km, 7km, n238, c192/276, mb3.4/7, 25C-20D, Dodecanese Islands

Main table for the third section containing station data and earthquake parameters for the third event.

Main table for the third section containing station data and earthquake parameters for the third event.

Table with columns: Station Name, A, Z, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATHU, ATHP, ATHF, etc.

Table with columns: Station Name, A, Z, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOVS, TIRR, TLBR, etc.

Table with columns: Station Name, A, Z, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RKT, RPN, VNSA, etc.

CATAC 06 03:37:23.0±0.6, 14°N, 6°9'0W, h43km, 8km, M3.3/16, MLV3.3/16, Error ellipse: s-maj=12.7km s-min=7.3km

GCG 06 03:37:24.1±1.1, 13°17'N, 90°39'W, h60km, 16km, MD3.8, Presumed earthquake

SNET 06 03:37:31.9±6.3, 13°66'N, 89°99'W, h23km, Presumed earthquake

ISC 06 03:37:27.8±1.6, 13°69'N, 008°18'W, 0.05, h59km, 9km, n35, s169/55, Near coast of Guatemala

Table with columns: Code, Station Name, A, Z, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAME, NUBE, etc.

IDC 06 03:53:30.2±8.8, 20°09'S, 178°64'W, h627km, 55km, mb3.0/2, mbtm3.9/3, Error ellipse: s-maj=258.0km s-min=47.2km az=148.0, Fiji Islands region

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

IDC 06 03:44:12.7±0.8, 54°52'S, 130°73'W, h0km, mb4.0/7, mbmp4.0/7, MS4.1/24, Error ellipse: s-maj=36.0km s-min=20.8km az=165.0

BGR 06 04:06:37.9, 32°34'N, 143°37'E, h51km, 1km, mb5.2, BUJ 06 04:06:46.8, 33°44'N, 141°39'E, h64km, mb5.0/22, mb4.9/71, MS4.3/50, MS7.4/25

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ISR Istrita, DOPRA Dobra, MDRR Murteles Rosu, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BAND Bandirma, AGMGN Agassiz Nation, AGMGN Agassiz Nation, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GEC2 GERESS Array S, GERES GERESS Array B, GERES GERESS Array B, etc.

6d 4h

Table of earthquake events with columns for station name, time, magnitude, depth, distance, and quality. Includes events like Marine on St., Wattenberg, Abfattersbach, etc.

2020 DEC

Table of earthquake events with columns for station name, time, magnitude, depth, distance, and quality. Includes events like Sanae 137.35 196, Sanae 137.35 196, etc.

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Table of earthquake events with columns for station name, time, magnitude, depth, distance, and quality. Includes events like Chiang Mai Arr 61.58 23, Sorong 62.20 65, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like PS1A, R16K, R16G, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like GRNC, IMAR, HDA, etc.

2020 DEC

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like MT09, TAOE, Nuku Hiva Isla, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like TAOE, Nuku Hiva Isla, etc.

Technical notes and data for station GRNC, including coordinates, frequencies, and other parameters.

Pacific-Antarctic Ridge

Table listing stations along the Pacific-Antarctic Ridge, including station IDs, names, and coordinates.

6d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HELC Santa Helena, MACA Manacapuru-AM, WRA Warramunga Arr, etc.

SDD 06 06:14:40.2±1.8, 18.109N, 71.25W, h20km, 6km, MD2.8, ML2.0, MW2.6, Presumed earthquake

OSPL 06 06:14:42.4±1.2, 18.191N, 71.42W, h4km, 28km, ML1.3, Presumed earthquake

ISC 06 06:14:42.1±1.1, 18.181N, 0.04, 71.39W, 0.04, h7km, 9km, n9, s1502/17, 9C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PODR Polo, PODR Porto, PODR Porto, etc.

ATH 06 06:15:51.3, 37.82N, 26.82E, h16km, ML2.9/13, Latitude uncertainty: 0 km, Longitude uncertainty: 0 km

AFAD 06 06:15:51.7, 37.85N, 26.82E, h7km, 2km, ML2.8

ISK 06 06:15:51.4, 37.84N, 26.82E, h17km, ML3.1/41

THE 06 06:15:52.1, 37.8N, 0.7, 26.9E, 0.7, h0km, 3km, M3.0/10, ML3.0/10

ISC 06 06:15:51.5±0.8, 37.84N, 0.02, 26.82E, 0.02, h15km, 5km, n83, c0567/105, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRL1 Karlovasi Samo, SMG Samos, etc.

2020 DEC

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GCAM G?zelcaml?, DDIM Aydin, DIDI Didim, etc.

ISC 06 06:20:13.9, 15.0, 22.255, 67.70E, h0km, mb3.7/5, mbtpp3.7/5, MS3.6/8, Error ellipse: s-maj=53.6, 7km s-min=33.0km az=53.0, Mauritius-Reunion region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station H08S1 Diego Garcia H.

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

NOU 06 06:34:22.4, 15.03S, 167.44E, h111km, ML4.6/15, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANVU Saraoutou, DVP Devils Point, etc.

NEIC 06 06:41:26.3±1.8, 18.94S, 172.97W, 0.07, h10km, 1km, mb5.0/100, MW5.2/13, Error ellipse: s-maj=15.4km s-min=10.5km az=186.0

GFZ 06 06:41:26.1±0.2, 19.5±3, 173.3W, h10km, M5.0/34, mb5.0/34

MOS 06 06:41:26.3±1.6, 18.90S, 173.00W, h10km, mb5.3/20, MS4.8/5, Error ellipse: s-maj=9.3km s-min=8.9km az=7.3

IDC 06 06:41:26.4±0.5, 19.06S, 173.25W, h0km, mb4.6/18, mbtmp4.6/21, ML4.3/3, MS4.6/61, Error ellipse: s-maj=16.4km s-min=12.3km az=137.0

GCMT 06 06:41:34.0±1.1, 19.08S, 0.01, 172.80W, 0.01, h12km, MW5.2/135, Moment Tensor Solution, s89, c127, s135, c239, Duration: 1s0, Moment tensor: Scale 1016 Nm; Mn: 5.66e+09; M0: 0.42e+09; Mo: 5.24e+07; Mo: 1.77e+26; Mo: -1.82e+07; Mo: 5.31e+21; Best double couple: Mo: 8.2800e+1016; NP1: 199.000000; 823.000000; 1.90.000000. NP2: 18.000000; 867.000000; 1.90.000000.

Principal axes: T 7.9330, Plg68.0000, Azm288.0000; N 0.1880, Plg0.0000, Azm18.0000; P -8.1230, Plg22.0000, Azm109.0000; nstst refers to body waves, cutoff=4.0s, nstst refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 06 06:41:34.0±1.0, 18.04S, 172.43W, h33km, ISC 06 06:41:27.5±0.3, 18.98S, 0.05, 172.92W, 0.04, h21km, h23km, P-P, n448, s1943/387, mb5.0/113, MS4.8/72, 24C-24D, Tonga Islands region

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

6d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KNT Kendrikon, MRVN Minervino Murg, and various regional stations.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNT3, PSDA, and various regional stations.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like VOIR, CEY, and various regional stations.

6d 8h

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like OBAN, NCK, ESDC, etc.

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Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like EVN, RES, SONM, etc.

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Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like LIOB, TWF1, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like TAP 06 07:20:44.6, etc.

JSN 06 07:30:14.1±0.3, 17.02N;77.47W, h15km±2km, MD3.5, Presumed earthquake

SSNC 06 07:30:17.2±0.4, 17.09N;77.55W, h34km±269km, MD3.5, Presumed earthquake

ISC 06 07:30:13.4±0.1, 17.0N;02.7753W;0.06, h35km±n16, ±202/25, 2C-5D, Caribbean Sea

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like PCJ, MTJD, etc.

SEA 06 08:02:44.7±0.8, 48.03N;0.03±124.69W;0.05, h36km±4km, Error ellipse: s-maj=6.5km s-min=2.3km az=223.0

NEIC 06 08:02:44.4±0.7, 48.07N;0.04±124.7W;0.1, h34km±8km, ML2.3/22, ML2.5/9(SEA), Error ellipse: s-maj=13.3km s-min=6.0km az=77.0

PGC 06 08:02:44.4±0.0, 48.07N;124.70W, h41km, ML2.0/18, ML2.5(SEA), 57km south of Port Renfrew, Bc Vancouver Island, Canada Region

ISC 06 08:02:44.3±1.3, 48.06N;0.03±124.71W;0.04, h35km±n47, ±059/75, Vancouver Island region

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like C03A, O3TA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Mount Ozzard, Wishkah, Port Alberni, Saturna Island, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Arta Tunnel, Herat, Kabul, Pallekele, etc.

Table with columns: UCH, Uchtor, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Ala-Archa, Degeres, Kastek, etc.

IDC 06 08:04:52.0 1.9 4.46S; 133.05E, h0km, mb3.6/2, mbmp3.7/4, ML3.7/2, MS2.9/1, Error ellipse: s-maj=76.9km s-min=24.8km az=72.0

DJA 06 08:04:54.6 0.8 4.5 S; 133.3E, h14km, mb3.8/5, ML3.7/5, MLV3.8/5, MLV3.8/5

ISC 06 08:04:52.9 1.2 4.38S; 010.1331E, 0.1, h10km, n7, c1549G, Irjan Jaya region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kaimana, Papua, Fak Fak, Davao City, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Mbarara, Karatay Array, Karatay Arra, etc.

ISK 06 08:52:32.9 36.99N; 28.18E, h9km, ML1.7/12, Dodecanese Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Turunc, Dalyan (Mula), Milas, etc.

AFAD 06 08:52:56.0 37.78N; 26.46E, h6km, 35km, ML1.3, Dodecanese Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like zmir, Izmir, Urla-Ze, etc.

FUNV 06 09:17:19.2 8.33N; 72.75W, h184km, MW3.0, Presumed earthquake RSNC 06 09:17:21.3 0.0 8 N; 4.7 3 W, h149km, 8km, M2.2, ML2.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Ocana, Capacho, Pamplona, etc.

IDC 06 08:23:41.9 1.4 35.169N; 35.39W, h0km, mb3.6/6, mbmp3.6/6, MS3.7/18, Error ellipse: s-maj=42.7km s-min=28.5km az=51.0

ISC 06 08:23:43.5 1.3 35.7N; 0.3534W, 0.2, h10km, n25, c1553G, mb3.7/6, MS3.7/18, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Schefferville, San Juan, Kangerlussuaq, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kurchatov Arra, Zalesovo Array, Zalesovo Beam, etc.

IDC 06 09:20:18.8 2.4 8.19S; 118.21E, h191km, 17km, mb3.4/6, mbmp4.0/10, Error ellipse: s-maj=36.8km s-min=12.0km az=70.0

DJA 06 09:20:19.4 0.4 8.6 S; 111.8E, h166km, 4km, M4.2/14, MLV4.2/12, MLV4.2/14

ISC 06 09:20:17.3 0.7 8.40S; 0.066+118.28E, 0.05, h186km, 6km, n28, c1548D, mb3.7/6, Sumbawa region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kubupaten, Plampang, Taliwang, etc.

KRNET 06 08:43:33.5 0.1 41.71N; 70.22E, h18km, mb2.8 SOME 06 08:43:34.4 41.72N; 70.28E, h10km

ISC 06 08:43:32.9 1.3 41.70N; 0.03; 70.19E, 0.05, h33km, 4km, n19, c283B/28, 13C-11D, Kyrgyzstan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Iuzhnyy, Terek-Say, Boroday, etc.

IDC 06 08:28:58.8 1.2 13.18N; 57.24E, h0km, mb3.9/12, mbmp3.9/12, MS3.5/12, Error ellipse: s-maj=33.5km s-min=20.7km az=33.0

NEIC 06 08:29:01.0 0.9 13.2N; 0.1; 57.3E, 0.1, h10km, 1km, mb4.3/24, Error ellipse: s-maj=22.0km s-min=16.1km az=220.0

ISC 06 08:29:01.6 0.7 13.2N; 0.1; 57.3E, 0.1, h17km, n53, c05794Z, mb4.1/23, MS3.5/11, Owen Fracture Zone region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Karakym, Erkin-Say, Salom-Alik, etc.

6d 12h

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

OTT 06:09:45:58.0±0.5, 57.37N-52.39W, h18km, ML3.6/2, 486km northeast from Aillik, NiLAlberaRADOR Sea Seismic Zone, Labrador Sea

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

IDC 06 10:24:47.7±1.1, 55.09N-158.58W, h0km, mb3.5/10, mbmp3.6/14, ML3.8/4, Error ellipse: s-maj=23.1km s-min=16.1km az=162.0

NEIC 06 10:24:52.7±1.1, 55.04N-158.03W, h0km, h13km, 5km, mb3.8/5, ML3.8/30, ML3.5(AE)C, Error ellipse: s-maj=6.2km s-min=3.6km az=133.0

AEIC 06 10:24:54.7±1.0, 55.03N-157.96W, h0km, h20km, 6km, Error ellipse: s-maj=7.8km s-min=4.3km az=175.0

ISC 06 10:24:53.8±0.7, 55.03N-157.99W, h0.04, h35km, n122, s13/114, mb3.3/71, Alaska Peninsula

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

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like N15K, N15K, N15K, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILAR, H22K, BCAR, etc.

IDC 06 11:09:57.7±7.8, 6.03S-145.54E, h75km, 111km, mb3.2/3, mbmp3.6/5, ML2.9/2, Error ellipse: s-maj=78.6km s-min=44.4km az=104.0, New Guinea

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

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

IDC 06 12:11:49.2±0.7, 61.67S-154.70E, h0km, mb4.6/9, mbmp4.6/10, ML2.4/21, MS4.4/40, Error ellipse: s-maj=3.0km s-min=1.5km az=89.0

NEIC 06 12:11:49.6±1.0, 61.73S-154.8E, h0km, h10km, 1km, mb4.8/27, Error ellipse: s-maj=26.8km s-min=16.4km az=94.0

GFZ 06 12:11:49.9±0.3, 62.5S-155.5E, h10km, ML4.7/14, mb4.7/14, Error ellipse: s-maj=18.8km s-min=6.9km az=81.2, confirmed

GFZ 06 12:11:49.9±0.3, 61.87S-154.67E, h12km, Mw5.2/35, Moment Tensor Solution, Moment tensor: Scale 10^16 Nm

GMCT 06 12:11:52.6±0.1, 61.73S-154.78E, h0km, h12km, Mw5.3/41, Moment Tensor Solution, s84, c136

ISC 06 12:11:50.1±0.4, 61.85S-154.8E, h0km, n158, s134/111, mb4.7/37, MS4.5/40, 3C-1D, Balleny Islands region

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

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like ASAR, WRKA, MARNC, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like SUR, H0S2, H0S1, etc.

DJA 06 12:19:11.5, 0.4, 8'S, 11°11'16"E, h162km, 6km, M3.6/17, mb3.7/5, mb0.7/5, MLV3.5/17, MLV3.5/16, Bali Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SRBI, RTBI, TWBI, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like G003, G003, G003, etc.

IDC 06 12:24:46.5, 1.9, 41.48S, 85°07'E, h0km, mb3.9/5, mbmtp3.9/5, MS4.1/3, Error ellipse: s-maj=56.2km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H01W2, H01W3, H01W1, etc.

CATAC 06 12:57:52.1, 2.1, 13°N, 10°9'0W, h3km, 13km, M3.5/8, MLV3.5/8, Error ellipse: s-maj=22.2km s-min=6.1km az=9.6, 0.7min/med

6d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBR5 Las Brisas, SJTE Alcalda de S, PAVA Las Pavas, etc.

IDC 06 13:11:44.4e.1.7,41.95S:85.52E, h0km, mb4.0/6, mblmp4.0/6, MS3.6/14, Error ellipse: s-maj=48.7km s-min=26.8km az=111.0

NEIC 06 13:11:45.5e.1.7,42.1S:0.1x85.5E:0.2, h10km, 1km, mb4.6/10, Error ellipse: s-maj=26.7km s-min=20.1km az=226.0

ISC 06 13:11:45.40.0.7, 42.0S:0.1x85.5E:0.1, h10km, n43, -0881/23, mb4.2/8, MS3.6/14, Southeast Indian Ridge

Main station list for the 6d 13h period, including stations like MAW Mawson, H01W2 Cape Leeuwin, H01W3 Cape Leeuwin, etc.

NEIC 06 13:21:34.8e.1.1,2.7N:0.1x128.5E:0.2, h234km, 10km, mb4.1/17, Error ellipse: s-maj=23.9km s-min=16.5km az=123.0

IDC 06 13:21:40.8e.9.0, 2.59N:128.54E, h306km, 101km, mb3.1/9, mblmp3.6/9, Error ellipse: s-maj=44.1km s-min=18.7km az=72.0

ISC 06 13:21:35.8e.0.6, 2.58N:0.08x128.5E:0.1, h250km, n32, -0889/32, mb3.9/15, Halmahera

Continuation of station list for the 6d 13h period, including stations like TMTI Ternate, LUWI Luwuk, MNTN Mantion Dam, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRB Warramunga Arr, MNAI Manna, etc.

DJA 06 13:32:32.9e.1.5, 11.1S:6.1x119E:1.1, h11km, 13km, M3.8/13, mb3.9/6, MLV3.8/13, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSI Waingapu, LBF1 Labuhan Bajo, PLAI Plampang, etc.

NOU 06 13:30:22.3, 37.13S:178.62E, h145km, MLV3.9/10, Off E. Coast of N. Island, N.Z.

WEL 06 13:30:32.2e.0.7, 37.8S:17.8E:1.1, h60km, 10km, M3.4/48, ML3.5/17, MLV3.4/48, Error ellipse: s-maj=10.9km s-min=5.7km az=19.7

ISC 06 13:30:28.5e.2.1, 37.19S:0.08x177.82E:0.06, h110km, 11km, n98, c1985/104, Off east coast of North Island

Main station list for the 2020 DEC period, including stations like MXZ Matakaoa Point, MXZ Matakaoa Point, HAZ Te Kaha, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRGZ Tauranga, TGRZ Tauranga, TGRZ Tauranga, etc.

IDC 06 13:35:41.1e.2.8, 12.60N:93.36E, h67km, 23km, mb3.5/12, mblmp3.9/13, MS3.1/6, Error ellipse: s-maj=26.3km s-min=15.2km az=63.0

NEIC 06 13:35:41.2e.1.0, 12.62N:0.06x93.27E:0.09, h62km, 7km, mb4.6/34, Error ellipse: s-maj=12.7km s-min=8.1km az=113.0

NDI 06 13:35:41.9e.3.4, 12.74N:93.16E, h35km, 21km, mb4.4, ML4.4, PResumed earthquake

ISC 06 13:35:39.8e.0.4, 12.58N:0.05x93.0E:0.06, h50km, n90, -c1823/87, mb4.3/30, MS3.2/5, Andaman Islands region

Continuation of station list for the 2020 DEC period, including stations like PBA Port Blair, PBA Port Blair, PBA Port Blair, etc.

Table with columns: BWNR, Bhubaneswar, 10.40 317, eP, Pn, 13 38 05.9 -0.5, etc. Includes stations like Aizawl, Iphoh, Prapat, etc.

Table with columns: BMAR, Burrt Mountain, 89.95 19, P, P, 13 48 33.7 +0.2, etc. Includes stations like Eielson Array, Susitna One, etc.

Table with columns: MOKO, MOKOCHONG, 4.59 12, eP, Pn, 14 40 32.2 +1.2, etc. Includes stations like Maesarieng, Chiengmai2, etc.

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6d 15h

Table with columns: PB09, IPOC Station P, 3.57 171, eP, Pn, 14 49 31.6 +1.5, comp=E,3um,0.9s

Table with columns: KMPM, Mount Pierce, 1.62 300, Pn, Pn, 15 04 00.7 -1.9

Table with columns: PFO, Pinyon Flats O, 7.58 133, Pn, 15 05 22.6 -1.9

NEIC 06 15:03:32.7, 39.05N; 123.02W, h10km
NEIC 06 15:03:32.7, 39.06N; 02:123.00W; 0.02, h10km, 1km,

Table with columns: JSFB, Stanford Teles, 1.75 156, Pn, 15 04 02.8 -1.5

Table with columns: ANMO, Albuquerque, 13.88 102, Pn, 15 06 53.7 +2.9

IDC 06 15:03:33.0, 7.39, 10N; 123.06W, h0km, mb4.1/12,
mbmp4.0/21, ML3.4/9, MS3.9/53 Error ellipse:

Table with columns: JCC, Jacoby Creek, 1.95 338, Pn, 15 04 05.5 -1.5

Table with columns: BRDY, Brady, 20.11 104, Pn, 15 08 19.7 +1.2

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

Table with columns: JCC, Jacoby Creek, 1.95 338, Pn, 15 04 05.5 -1.5

Table with columns: YKA, Yellowknife Ar, 22.07 10, P, 15 08 29.1 -1.7

Table with columns: HOPS, Hopland Field, 0.02 189, Op, ISC, h m s ISC

Table with columns: MHR, Mount Hamilton, 1.95 148, Pn, 15 04 05.3 -1.7

Table with columns: YKA, Yellowknife Ar, 22.07 10, P, 15 08 29.1 -1.7

Table with columns: HOPS, Hopland Field, 0.02 189, Op, ISC, h m s ISC

Table with columns: MHR, Mount Hamilton, 1.95 148, Pn, 15 04 05.3 -1.7

Table with columns: YKA, Yellowknife Ar, 22.07 10, P, 15 08 29.1 -1.7

Table with columns: HOPS, Hopland Field, 0.02 189, Op, ISC, h m s ISC

Table with columns: MHR, Mount Hamilton, 1.95 148, Pn, 15 04 05.3 -1.7

Table with columns: YKA, Yellowknife Ar, 22.07 10, P, 15 08 29.1 -1.7

Table with columns: HOPS, Hopland Field, 0.02 189, Op, ISC, h m s ISC

Table with columns: MHR, Mount Hamilton, 1.95 148, Pn, 15 04 05.3 -1.7

Table with columns: YKA, Yellowknife Ar, 22.07 10, P, 15 08 29.1 -1.7

6d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DNR, CRY, DPP, etc.

GFZ 06 15:22:30.7, 0.7, 15°S, 6°16'E, h114km, 3km, M4, 6/16, mb4, 0/16, Error ellipse: s-maj=19.0km s-min=10.9km az=60.0 confirmed
NEIC 06 15:22:32.2, 1.2, 15°40'S, 07°16'7"E, h115km, 4km, mb4, 6/46, Error ellipse: s-maj=11.5km s-min=8.6km az=211.0
NOU 06 15:22:32.8, 15:39S:167:53E, h111km, mb4, 6/42, Vanuatu Islands
IDC 06 15:22:32.2, 2.0, 15:38S:167:60E, h122km, 16km, mb4, 0/16, mbtmp4, 4/18, Error ellipse: s-maj=19.1km s-min=12.1km az=71.0

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Main table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SARAUOUT, DEVILS POINT, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FITZ, BATI, SANI, etc.

NEIC 06 15:24:56.9, 0.9, 23°25'S, 02:179:7W, 0.2, h565km, 16km, mb4, 2/18, Error ellipse: s-maj=27.5km s-min=19.9km az=133.0
IDC 06 15:24:58.5, 3.6, 23°26'S, 179:64W, h595km, 62km, mb3, 4/4, mbtmp4, 5/4, Error ellipse: s-maj=94.1km s-min=63.0km az=160.0
ISC 06 15:24:56.1, 0.8, 23°25'S, 01:179:8W, 0.1, h550km, n28, 0737J29, mb4, 2/13, South of Fiji Islands

Table listing astronomical objects and stations. Columns include Code, Station Name, Azimuth, Altitude, Phase, ID, Time, and Residuals. Objects include CTAO Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

CATAC 06 15:45:52.046.11 N13.3877W, h16km, 7km, M3.7/24, MLV3.7/24, Error ellipse: s-maj=8.2km s-min=5.4km az=55.2, confirmed

UCR 06 15:45:57.20.9.11 N46N:87.07W, h27km, 99km, MW4.1, Presumed earthquake

ISC 06 15:45:53.62.6.11 334N.006:87.29W, h15km, 13km, n29, c073/41, Near coast of Nicaragua

Table listing stations for the above earthquakes. Columns include Code, Station Name, Azimuth, Altitude, Phase, ID, Time, and Residuals. Stations include COPN Copaltepé, LEVN Ruinas Leon Vi, APQ2 Apoyeque, etc.

IDC 06 15:56:31.0.2.9.32:84S:178:36W, h0km, mb4.02, mbtmp4.0/3, ML3.8/1, MS3.5/1, Error ellipse: s-maj=68.2km s-min=35.7km az=119.0

NEIC 06 15:56:31.0.1.32:95S:018:178:1W, 0.2, h10km, 2km, mb4.4/11, Error ellipse: s-maj=25.6km s-min=4.4km az=121.0

ISC 06 15:56:34.2-1.8.33:0S:01:178:1W, 0.2, h34km, n22, c1807/23, mb4.3/9, South of Kermaadec Islands

Table listing stations for the above earthquakes. Columns include Code, Station Name, Azimuth, Altitude, Phase, ID, Time, and Residuals. Stations include URZ Urewera, URZ Urewera, URZ Urewera, etc.

NIED 06 16:06:48.6.35:94N:140:12E, h63km, MW3.9, Moment Tensor Solution, s3. Moment tensor: Scale 10^14Nm; Mm:6.41; Mss:0.56; Mbb:-6.97; Mtt:-2.18; Mtt-1.22; Mtt-5.88; Fault plane solution: M0.26000x10^14 NP1: phi=208.00000, lambda=828.00000, lambda2=125.00000. NP2: phi=350.00000, lambda=867.00000, lambda2=173.00000

JMA 06 16:06:48.6.0.1.35:93N:140:14E, h63km, MV3.5/38, SOUTHERN IBARAKI PREF. JMA Felt I J1 at SOUTHERN IBARAKI PREF. NEIC 06 16:06:48.7.1.0.35:87N:02:140:19E, 0.0, h70km, 7km, mb4.4/12, Error ellipse: s-maj=9.0km s-min=2.7km az=98.0

IDC 06 16:06:49.1.1.6.35:74N:140:08E, h81km, 14km, mb3.5/13, mbtmp3.9/18, Error ellipse: s-maj=23.4km s-min=7.9km az=66.0

ISC 06 16:06:47.9.0.10.65:86N:0:04:140:14E, 0.0, h66km, 5km, n100, c190/110, mb4.2/34, 10D, Near east coast of eastern Honshu

Table listing stations for the above earthquakes. Columns include Code, Station Name, Azimuth, Altitude, Phase, ID, Time, and Residuals. Stations include JMST Sakumatsubo, JHUU Itakohmouchi, JYT Yasato, etc.

Table listing stations for the above earthquakes. Columns include Code, Station Name, Azimuth, Altitude, Phase, ID, Time, and Residuals. Stations include INK Inuvik, G31M Satah River, AB31 Akbulak array, etc.

BOZ Bozeman (W) 76.30 43 P P 16 18 29.5 -0.2

ILGA Ilgaz 78.00 312 P P 16 18 39.6 +0.2

BURR Bucovina Ar 78.58 321 P P 16 18 42.3 0.0

BURR Bucovina Ar 78.58 321 P P 16 18 42.3 +0.1

BRTR Keskin Array B 78.86 311 P P 16 18 44.3 +0.3

IVI Ivigut 83.05 4 P P 16 19 06.5 +0.8

BJI 06 16:08:45.0, 43:88N:148:95E, h32km, mb4.9/7, mb4.7/44, M4.4/9, Ms7.4/2, 10

IDC 06 16:08:46.5.0.5.44:07N:148:23E, h0km, mb4.2/29, mbtmp4.2/35, ML3.3/5, MS3.4/9, Error ellipse: s-maj=14.3km s-min=8.9km az=160.0

GFZ 06 16:08:46.8.0.4.44:N14:14:9E, h10km, M4.7/31, mb4.8/31

NEIC 06 16:08:47.2.1.0.44:05N:148:48E, 0.1, h10km, 1km, mb4.9/93, Error ellipse: s-maj=1.6km s-min=13.3km az=121.0

MOS 06 16:08:49.4.1.1.43:95N:148:35E, h39km, mb4.8/32, Error ellipse: s-maj=6.8km s-min=5.2km az=104.1

SKHL 06 16:08:51.3.0.1.44:10N:148:30E, h46km, 3km, mb5.5/3 KIEV Tensor Solution, s3. Moment tensor: Scale 10^15Nm; Mm:1.46; Mss:-0.66; Mbb:-0.80; Mtt:1.63; Mtt-0.59; Mtt-2.27; Fault plane solution: M0.3 12000x10^15 NP1: phi=226.00000, lambda=813.00000, lambda2=199.00000. NP2: phi=63.00000, lambda=888.00000

JMA 06 16:08:52.7.0.8.44:N12:14:8E, h0km, MV4.6/35, E OFF HOKKAIDO

ISC 06 16:08:51.9.0.6.44:04N:0:04:148:27E, 0.0, h43km, 4km, h42km, pp-P, n342, c1933/345, mb4.7/131, MS3.8/10, 14C-14D, Kuril Islands

Table listing stations for the above earthquakes. Columns include Code, Station Name, Azimuth, Altitude, Phase, ID, Time, and Residuals. Stations include KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

6d 16h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ERM Ermo, JNBK Urakawa-nobuka, YSS Yuzhno-Sakhalii, etc.

2020 DEC

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BJL2 comp=E,150nm,12.0s, KIWB Kanaga Island, TIA TIA, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PDGK Podgornoye, PDGK Podgornoye, NPW Naypyitaw, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like NC303, NC405, MNSK, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like CLL, Collm, Panska Ves, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like PLK1, Peulik 1, Peulik 2, etc.

6d 16h

Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like CHSH, PTLT, CANS, etc.

2020 DEC

Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like SJCC, San Jacinto, NBPS, etc.

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Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like LIMN, Finca el Limon, RPN, etc.

Table with columns: Location, Altitude, Direction, etc. Includes entries like Comitan, Caibarien, Base Esperanza, etc.

Table with columns: Location, Altitude, Direction, etc. Includes entries like Blacksburg, Cedars of Liba, Cedar Hollow, etc.

Table with columns: Location, Altitude, Direction, etc. Includes entries like Oliney, Tula, P48A, etc.

6d 16h

Table with columns for call sign, frequency, mode, and other details. Includes stations like SADO, ANMO, NMTO, etc.

2020 DEC

Table with columns for call sign, frequency, mode, and other details. Includes stations like TJX, QSPA, MACI, etc.

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Table with columns for call sign, frequency, mode, and other details. Includes stations like NVAR, PMPB, LAO, etc.

Table with columns: SUR, Sutherland, 79.22 121, P, P, 16 59 38.5 +1.4, 17 00 06.9 +1.8, 16 59 38.8 +1.8, 17 00 07.5 +2.4, 17 34 44.7

Table with columns: PMTG, Montargil, 81.95 43, eP, P, 16 59 51.9 +0.9, 17 00 20.9 +1.5, 17 00 24.4

Table with columns: ESDC, comp=Z,46nm,1.0s,baz=248,slow=5.3,SNR=9.4, pP, PKKpbc, 17 18 14.8 -0.2, 17 34 54.4

6d 16h

Table with columns: DLBC, Dease Lake, 93.15 333 LR, LR, 17 46 17.5, ...

2020 DEC

Table with columns: WATA, Walderalm, 98.55 43 ePdiff, Pdif, 17 01 09.9 +0.1, ...

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Table with columns: KRUC, Kruc, 17 17 29.7 +0.4, ...

Table with 5 columns: Station ID, Name, Frequency, and other details. Includes stations like SALP, BR131, BR132, etc.

Table with 5 columns: Station ID, Name, Frequency, and other details. Includes stations like H1N13, H1N12, H1N11, etc.

Table with 5 columns: Station ID, Name, Frequency, and other details. Includes stations like IUG, IUG, IUG, etc.

Table with columns: BOAC, CD2, Chengdu, 167.61, 30, PKP, PP, 17 12 00.6, -32, etc.

UPA 06 16:50:59.4-0.7, 8.85N-83.12W, h55km, 3km, MW3.7, Presumed earthquake

UCR 06 16:50:59.1-0.7, 8.75N-83.11W, h63km, 2km, MW3.9, Presumed earthquake

ISC 06 16:51:00.5-1.4, 8.80N-0.04-83.10W-0.03, h52km, 7km, n65, c0972/80, 1C-3D, Costa Rica

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

Table with columns: PTPA, Petro Terminal, 0.64, 160, eP, Pn, 16 51 13.2, -0.4, etc.

IDC 06 17:07:08.1-1.0, 17.455S-178.54W, h498km, 9km, mb3.6/18, mbmp4.3/19, Error ellipse: s-maj=14.4km s-min=11.3km az=135.0

ISC 06 17:07:07.8-0.6, 17.55S:0.1x178.55W:0.10, h500km, n27, c151/31, mb3.8/19, Fiji Islands region

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

Table with columns: BRKL, Bradley Lake, 3.69, 347, Sg, 17 14 58.2, -0.8, etc.

TRN 06 17:13:53.0, 19.15N-64.32W, h45km, MD4.0, North of Anegada, V.I.

NEIC 06 17:13:57.6-1.6, 18.93N:0.1x64.41W:0.04, h35km, 2km, ML3.1/28, M3.6/5(RSPR), Error ellipse: s-maj=17.9km

RSRP 06 17:13:53.0, 18.71N-64.46W, h58km, 21km, MD3.6/5, ISC 06 17:13:51.0-1.8, 19.00N:0.1x64.41W:0.03, h4km, 11km, n34, c0974/44, 4C-2D, Virgin Islands

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

6d 18h

Table with columns: PRSN, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Puerto Rico Se, Cabo Rojo, and Willy Bob.

IDC 06 17:28:25.75-9.17:37N:122.22E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=51.4km s-min=29.6km az=62.0

MAN 06 17:29:38.0, 8.86N:122.24E, h48km, MS3.5 ISC 06 17:29:40.0, 1.6, 8.88N:0.06:122.25E:0.09, h49km, 29km, n13, c065/22, Mindanao

Main table for 6d 18h section, listing station names, coordinates, and observation data.

MEX 06 17:46:09.1-0.6, 17.95N:101.25W, h60km, 12km, MD3.7, Presumed earthquake, Near coast of Guerrero

Table for MEX 06 17:46:09.1-0.6, listing station names and observation data.

MEX 06 17:46:21.6-0.6, 17.94N:101.23W, h63km, 9km, MD3.9, Presumed earthquake, Near coast of Guerrero

Table for MEX 06 17:46:21.6-0.6, listing station names and observation data.

IDC 06 17:55:08.0-2.0, 1.77N:127.10E, h0km, mb3.3/4, mbmp3.4/4, Error ellipse: s-maj=231.9km s-min=22.6km az=68.0

2020 DEC

DJA 06 17:55:16.4-0.8, 2.2N:4.12E, h24km, 8km, M3.2/9, MLV3.2/9

ISC 06 17:55:16.5-1.1, 1.82N:0.10:127.08E:0.06, h63km, n9, c121/11, mb3.3/4, Halmahera

Table for 2020 DEC section, listing station names and observation data.

IDC 06 18:34:27.2-0.8, 49.85S:127.18E, h0km, mb4.4/8, mbmp4.4/8, Error ellipse: s-maj=47.5km s-min=15.9km az=97.0

NEIC 06 18:34:28.4-1.2, 49.88S:0.03:127.3E:0.2, h10km, 1km, mb4.5/16, Error ellipse: s-maj=25.2km s-min=5.2km az=270.0

ISC 06 18:34:28.3-0.6, 49.86S:0.08:127.3E:0.1, h10km, n38, c140/30, mb4.4/12, 2C-ID, Western Indian-Antarctic Ridge

Table for 2020 DEC section, listing station names and observation data.

ISC 06 18:43:05.2-0.1, 41.68N:74.80E, h35km, mb2.9, SOME 06 18:43:06.0, 4.1, 73N:74.82E, h10km

NINC 06 18:43:07.5-1.0, 41.73N:74.79E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=6.4km s-min=3.8km az=17.0

KNET 06 18:43:07.3-0.5, 41.75N:74.86E, h15km, 3km, ml2.0, Error ellipse: s-maj=4.3km s-min=2.2km az=27.0

ISC 06 18:43:05.2-1.1, 41.63N:0.03:74.85E:0.02, h18km, 8km, n68, c158/114, 26C-32D, Kyrgyzstan

Table for 2020 DEC section, listing station names and observation data.

IDC 06 18:38:06.5-0.8, 49.88S:127.35E, h0km, mb4.3/8, mbmp4.4/8, MS3.7/6, Error ellipse: s-maj=46.2km s-min=16.4km az=96.0

NEIC 06 18:38:06.8-2.3, 49.93S:0.06:127.3E:0.2, h10km, 1km, mb4.5/15, Error ellipse: s-maj=27.2km s-min=7.2km az=285.0

ISC 06 18:38:06.8-0.6, 49.86S:0.08:127.9E:0.1, h10km, n40, c1950/30, mb4.5/13, MS3.7/6, 1C-2D, Western Indian-Antarctic Ridge

Table for 2020 DEC section, listing station names and observation data.

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Table for 274 section, listing station names and observation data.

ISC 06 18:43:05.2-0.1, 41.68N:74.80E, h35km, mb2.9, SOME 06 18:43:06.0, 4.1, 73N:74.82E, h10km

NINC 06 18:43:07.5-1.0, 41.73N:74.79E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=6.4km s-min=3.8km az=17.0

KNET 06 18:43:07.3-0.5, 41.75N:74.86E, h15km, 3km, ml2.0, Error ellipse: s-maj=4.3km s-min=2.2km az=27.0

ISC 06 18:43:05.2-1.1, 41.63N:0.03:74.85E:0.02, h18km, 8km, n68, c158/114, 26C-32D, Kyrgyzstan

Table for 274 section, listing station names and observation data.

6d 19h

Table with columns: Station Name, AML, Pn, Time, Res. Includes stations like West Tongariro, Ngauruhoe, Tauranga, Whangaeu Hut, Wahianoa, Chateau Observ, etc.

2020 DEC

Table with columns: Station Name, AML, Pn, Time, Res. Includes stations like Canberra, Sarauotou, STKA, Stephens Creek, etc.

276

Table with columns: Station Name, AML, Pn, Time, Res. Includes stations like IPOC Station P, IPOC Station Q, IPOC Station R, etc.

IDC 06 19:44:52.3:1.6,36:09N:73:01E,h0km,mb3.7/4, mbimp3.5/9,ML2.9/5,Error ellipse: s-maj=36.5km s-min=22.4km az=98.0

ISC 06 19:44:56.4:0.8,36:07N:0:06:73:0E:0:1,h26km,n21, c=200/32,mb3.6/4,1C-3D,Northwestern Kashmiri

SJA 06 19:34:27.1:0.6,20:35S:69:17W,h116km,7km,ML3.3, MW3.5
GUC 06 19:34:28.7:0.5,20:37S:69:09W,h107km,2km,ML3.4

ISC 06 19:34:30.2:1.6,20:38S:0:03:69:25W,0.08, h100km,12km,n29,mb1.9/2.1,6C-2D,Northern Chile

SDD 06 19:52:43.7:1.8,20:10N:70:46W,h15km,21km,MD3.4, ML3.6, MW3.2, Presumed earthquake
OSPL 06 19:52:45.0:1.4,19:55N:70:41W,h21km,8km,ML2.5, Presumed earthquake

ISC 06 19:52:41.3:1.5,20:09N:0:04:70:39W,0:07,h16km,10km, n11,c05f1/21,13C-3D,Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for NEDR, JIDR, and JIMANI.

IDC 06 20:11:54.5-1.1, 2.81N, 126.38E, h0km, mb3.6/5, mblmp3.7/6, ML3.7/1, Error ellipse: s-maj=47.0km s-min=16.7km az=58.0

DJA 06 20:12:01.4-0.6, 3.1N, 127.17E, h57km, 14km, M3.9/14, mb4.1/6, MLV3.8/14

ISC 06 20:12:01.7-0.9, 2.90N, 126.69E, 0.06, h63km, n17, s193/21, mb3.6/4, Northern Molucca Sea

Main table for Indonesia region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAMI, TERNATE, MANADO, SANANA, etc.

CATAC 06 20:12:20.2-0.5, 14.1N, 104.90W, h23km, 3km, M3.2/18, MLV3.2/18, Error ellipse: s-maj=8.1km s-min=4.1km az=9.3, confirmed

SNET 06 20:12:22.3-2.2, 13.52N, 90.38W, h30km, ML3.3, Presumed earthquake

GCG 06 20:12:24.2-0.7, 13.79N, 90.71W, h49km, 22km, MD3.7, Presumed earthquake

ISC 06 20:12:21.9-1.5, 13.52N, 0.07, 90.43W, 0.04, h30km, n11km, n35, s093/58, Near coast of Guatemala

Main table for Guatemala region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAME, ACAJ, NUBE, etc.

KRSC 06 20:29:50.7-0.8, 54.40N, 161.98E, h40km, 10km, M4.6, Feit [I] at kordon Kronokri

MOS 06 20:29:51.9-0.8, 54.43N, 161.99E, h44km, mb4.3/5, Error ellipse: s-maj=7.6km s-min=4.4km az=75.9

IDC 06 20:29:55.8-2.5, 54.69N, 161.48E, h64km, 25km, mb3.4/13, s-mbj=3.8, 18, ML4.1/5, MS3.1/5, Error ellipse: s-maj=22.0km s-min=16.6km az=162.0

ISC 06 20:29:52.8-0.7, 54.46N, 0.03, 161.94E, 0.04, h43km, 5km, n116, s192/154, mb3.8/16, MS3.6/3, 2C-4D, Near east coast of Kamchatka Peninsula

Table for Kamchatka Peninsula region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKZ, KZV, TUMD, etc.

Main table for Russia region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KII, KMNR, KIRR, etc.

ASAJ Asahikawa 16.26 338 Pn 20 33 38.1 +0.1

ERIM Erimo 17.58 233f AML AML 20 33 53.8 -0.6

YAK Yakutsk 18.43 307 P 20 34 01.3 -3.0

YAK Yakutsk 18.43 307 eS AML P 20 34 03.6 -0.7

YAK Yakutsk 18.43 307 eS Pmax 20 37 30.7 +1.4

YAK Yakutsk 21.11 0.7s Pmax pmax 20 34 11.0 -2.0

YAK Yakutsk 21.11 0.7s Pmax pmax 20 34 11.7 -2.0

YAK Yakutsk 21.11 0.7s Pmax pmax 20 34 11.7 -2.0

YAK Yakutsk 21.11 0.7s Pmax pmax 20 34 11.7 -2.0

YAK Yakutsk 21.11 0.7s Pmax pmax 20 34 11.7 -2.0

Main table for Mexico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIJI, MJAR, SOMN, etc.

TRN 06 20:40:48.6, 10.67N, 60.02W, h103km, MD3.9, East of Trinidad

FUNV 06 20:40:48.8, 10.55N, 59.97W, h34km, MW4.3, Presumed earthquake

ISC 06 20:40:47.9-2.9, 10.7N, 0.1, 60.2W, 0.2, h135km, 10km, n28, s150/49, Trinidad

Main table for Mexico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRN, PSMG, DMDM, etc.

SOME 06 20:45:51.0, 38.63N, 73.58E, h5km

NIC 06 20:45:53.9-5.3, 38.61N, 73.40E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=38.0km s-min=26.1km az=167.0

ISC 06 20:45:50.3-3.6, 38.63N, 0.2, 73.82E, 0.07, h10km, n12, s216/18, 2C-2D, Tajikistan-Xinjiang border region

Table for Tajikistan-Xinjiang border region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK, MRKS, etc.

6d 21h

Table with columns: IUG, L, E, S, KST, DGS, KK31, BRLL, JMA 06 20:55:05.0, 0.45, 15.2E, h30km, MV3.8/13, KURILE ISLANDS REGION, SKHL 06 20:55:03.4, 0.4, 44.40N, 152.50E, h45km, mb4.3/2, East of Kuril Islands

Table with columns: SHO, NEM2, AKK, JTKR, JAR, JOB, JCH, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC

OTT 06 20:58:46.0, 0.3, 68.29N, 53.29W, h18km, ML3.9/4, Western Greenland, 458km east from Okiqtigraq, Nu Eastern Arctic Background Seismic Zone.

DNK 06 20:58:47.3, 0.2, 68.33N, 53.25W, h12km, km, ML3.1, Presumed earthquake, ISC 06 20:58:44.0, 0.7, 68.31N, 53.45W, 0.05, h10km, n26, e273/40, 1C-2D, Western Kalaallit Nunaat

Main table for 6d 21h section with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC

2020 DEC

Main table for 2020 DEC section with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC

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Main table for 278 section with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPBS Cacapava Do Su, ITAB Concochia, LPAZ La Paz, SIV San Ignacio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB12 IPOC Station P, JMA 06 22:01:44.6,0.9,5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAGI Jajag, Banyuwa, ABJI Asem Bagus, RTBI Rangdo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJA 06 21:56:45.3,0.8,22:45S:66:16W, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHRZ Whale Island, OPRZ Ohinepanea, etc.

6d 23h

Table with columns: TOZ, Tahuroa Road, 1.28 241, Pn, 22 17 40.9 +1.7, THZ, Tophouse, 5.58 212, Pn, 22 18 24.6 +0.8, etc.

2020 DEC

Table with columns: THZ, Tophouse, 5.58 212, Pn, 22 18 24.6 +0.8, etc.

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Table with columns: PSGCX, Pisagua, 2.70 332, eP, Pn, 22 35 05.5 -0.4, etc.

Table with columns: EVN, KLR, SONMI, SONM, MKAR, MKAR, AAK, ARSB, ZALV, ZALV, KURKB, KURK, AB31, QSPA, QSPA

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

KRSC 06 23:30:45.1+1.6, 52.06N-159.83E, h53km, 23km, 4.4, 1 MOS 06 23:30:46.6-0.7, 52.08N-159.81E, h49km, mb.4, M3, Error ellipse: s-maj=11.5km s-min=5.2km az=104.8

ISC 06 23:30:47.0+1.6, 52.08N-159.70E, 0.05, h24km, 12km, n58, <0.99/70,3C, Off east coast of Kamchatka

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

Table with columns: TUMD, KBTR, KBTR, BILL, KLR, TAXI, TAXI, CMAR, CMAR, OBN, OBN, OBN

RSNC 06 23:47:49.0-0.0, 7N-4.47, 3W-1.1, h143km, 7km, M2.1, ML 1.8 FUNV 06 23:47:51.2, 7.18N-73.27W, h12km, MW3.5, Presumed

ISC 06 23:47:45.0+1.9, 6.95SN-0.04, 73.00W-0.06, h170km, 11km, n18, <2.47/33, Northern Colombia

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

IDC 06 23:51:12.9-4.1, 19.55S-179.39W, h646km, 26km, mb2.8/4, mbmp3.9/6, Error ellipse: s-maj=149.0km s-min=27.1km az=152.0

ISC 06 23:51:12.9-2.2, 19.55S-179.47W, 0.3, h650km, n8, <1.26/8, mb3.3/4, Fiji Islands region

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

IDC 06 23:59:09.6+1.2, 54.53N-159.89W, h0km, mb.3, 8/14, mbmp3.8/18, ML4.0/4, Error ellipse: s-maj=30.4km s-min=15.7km az=171.0

NEIC 06 23:59:13.0+1.6, 54.38N-159.72W, 0.07, h26km, 6km, mb4.1/5, ML3.6/28, ML3.5(AEIC), Error ellipse: s-maj=8.3km s-min=5.4km az=155.0

AEIC 06 23:59:13.9+1.6, 54.35N-159.70W, 0.07, h22km, 5km, Error ellipse: s-maj=8.9km s-min=5.3km az=161.0

ISC 06 23:59:13.0+1.3, 54.36N-159.89W, 0.04, h30km, 9km, n169, <1.09/176, mb3.9/16, South of Alaska

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

Table with columns: AKKBA, PLBL, SII, PLK3, PLK2, UNV, UNV, UNV, UNV, UNV, UNV

ISC 06 23:51:12.9-2.2, 19.55S-179.47W, 0.3, h650km, n8, <1.26/8, mb3.3/4, Fiji Islands region

IDC 06 23:51:12.9-4.1, 19.55S-179.39W, h646km, 26km, mb2.8/4, mbmp3.9/6, Error ellipse: s-maj=149.0km s-min=27.1km az=152.0

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

7d 0h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILON, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, TXAR, NRIK, NRIK, SONM, ZALV, FINES, BVAR, HFS, MKAR, EKA, AKASG, CMAR.

IDC 07 00:01:23.3-3.7, 13.08N; 143.35E, h203km, 63km, mb3.0/4, mbtmp3.5/4, Error ellipse: s-maj=126.9km s-min=19.4km

ISC 07 00:01:22.6-1.3, 13.22N; 0.2-143.2E; 0.2, h200km, n6, -0.32/5, mb3.4/5, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO, WRA, ASAR, KURBB, BVAR, FINES.

NOU 07 00:09:05.5, 42.17S; 174.44E, h37km, MLv4.5/22, Off E. Coast of S. Island, N.Z.

WEL 07 00:09:06.3, 42.06S; 174.33E, ML4.5, Mw4.1, Moment Tensor Solution. Moment tensor: Scale 10^15Nm;

M1=-1.80; M2=0.52; M3=0.80; M4=0.08; M5=1.25; M6=0.51; Fault plane solution: Mo:1.970000x10^15 NP1:

0.208.00000; 0.559.00000; -1.135.00000. NP2: 0.91.00000; 0.553.00000; -1.400.00000. Principal axes: T

1.9738, P1g4.0000; Azm328.0000; N -0.4891, P1g52.0000; Azm235.0000; P -1.4847, P1g52.0000; Azm63.0000; Stations used: BFZ, DSZ, GZV, INZ, KHZ, LTZ, MOZ, MRZ, NNZ, OTVZ, OXZ, PKZ, OBLIQUE-NORMAL

FALUTING WEL 07 00:09:06.3, 0.5, 42.17S; 174.44E, h36km, 7km, M4.5/85, ML4.3/13, MLv4.5/85 Error ellipse: s-maj=9.6km s-min=3.4km az=130.9

IDC 07 00:09:16.1, 3.3, 41.05S; 174.19E, h104km, 30km, mb3.4/3, mbtmp3.8/4, MS3.0/2, Error ellipse: s-maj=30.6km s-min=25.9km az=147.0

ISC 07 00:09:04.8, 1.2, 42.18S; 0.03; 174.47E; 0.03, h32km, 9km, n172, 0.1936/182, mb3.5/3, Off east coast of South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEKS, WDFS, CMWZ, CMWZ, CMWZ, SDNS, SEDS, WKS, BSZW, BSZW, BSZW, KHZ, KHZ, Baring Head, BHW, BHW, BHW, PALWZ, PLWZ, PLWZ, SNZO, SNZO, WEL, WEL, MSWZ, MSWZ, MSWZ, PAWZ, PAWZ, PAWZ, CAW, CAW, TRWZ, TRWZ, THZ, THZ, THZ, NNZ, NNZ, MTWZ, MTWZ, GVZ, GVZ.

2020 DEC

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GVZ, KIW, DUWZ, OGWZ, MRNZ, HOWZ, TMWZ, TKNZ, TKNZ, AMBERLEY, AMBERLEY, LAKE TAYLOR, MANGATAINOKA R, TINTOCK, CASTLEPOINT, OKAINS BAY, PORI ROAD, QUARTZ RANGE, QUARTZ RANGE, BIRCH FARM, BIRCH FARM, BIRCH FARM, MCQUEEN'S VALL, DENNISTON NORTH, POST OFFICE RO, AKAROHA HARBOUR, OHAKEA, OXFORD, DANNEVIKKE, ANGORA ROAD, INCHBONNIE, RAKAIA, TAKAPARI ROAD, WANGANUI, PORANGAHU, MOUNT HUTT, WAIPUKURAU, WAKAMUI SOUTH, PUKENUI, LAKE ROTOKARE, NAMU ROAD, PALMER ROAD, MOUNTGATEITEI, WAITAHA VALLEY, KAHUI HUT, KAHUI HUT, KAHUI HUT, KERURU, NORTH EGDMONT, RATA PEAKS, RATA PEAKS, RATA PEAKS, MOAWHANGO, NEWALL ROAD NO, BLACK HILL STA, POKAKA, WAHIAHOA, ARUNDL, TUROA, KAHURANAKI, PUKEITI, WHANGAEHU HUT, MAWARANGI, FAR WEST T-BAR, TUKINO, VERA ROAD, CHATEAU OBSERV, MANGAHEWA, SOUTH NGAURUHO, NGAURUHO, KAWEKA FOREST, KAWEKA FOREST, OTURERE, WEST TONGARIRI, EAST TONGARIRI, TAUREWA, CAPE KIDNAPPER, KAREWAREWA, MCNEILL HILL, NORTH TONGARIRI, KAKARAMEA, TIMARU, RIHIA ROAD, RIHIA ROAD, BLACK STUMP FM, BLACK STUMP FM, BLACK STUMP FM.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AROPAOANUI, NAUMAI, WAIRARA, HAUTU, HAUTU, HAUTU, FOX GLACIER, MAUNGATANIWA, LAKE BENMORE, KAAHU ROAD, ALLEN ROAD, TOLLEY ROAD, PLATEAU ROAD, OTAHUA DOWNS, OTAHUA DOWNS, KOKOHU, MAHIA PENINSUL, HANCOCK ROAD, RUATAHUNA, MURUPARA, PARITU ROAD, MOUNT TARAWERA, UREWERA, UREWERA, TAUROA ROAD, JACKSON BAY, JACKSON BAY, HIGHCLIFF HILL, CARNAGH STATIO, WHALE ISLAND, WANAKA, TAUHAREPARE, EARNSCLEUGH, RAUKUMARA RANG, MOUMAKAI, TE KAHA, AWAITU PENINSU, TUPEAKA, EAST TAMAKI RE, WAITAURA, WAIOMATATINI S, WAIHEKE ISLAND, MOTUTAPU NORTH, MATAKAOA POINT, MATAKAOA POINT, ARMY BAY, MAVORA LAKES, SCRUBBY HILL, SCRUBBY HILL, GREAT BARRIER, WAIPU CAVES, THE PAPS, CHATHAM ISLAND, OMAHUTA, OMAHUTA, CHARTERS TOWER, WARRAMUNGA ARR, WARRAMUNGA ARR, SOUTH POLE GUI, CHIANG MAI ARR, YELLOWKNIFE AR, MAKANCHI ARRAY, KURBBA, KURBBA, KESKIN ARRAY B, FINES FINESSE ARRAY B, ALICE SPRINGS, WEL 07 00:20:23.5-1.0, 17.91N; 70.66W, h106km, 11km, MD2.9, ML2.9, MVW2.6, Presumed earthquake OSPL 07 00:20:43.7-0.7, 18.37N; 71.37W, h22km, 4km, ML1.9, Presumed earthquake ISC 07 00:20:32.8-1.1, 18.41N; 0.08; 70.83W; 0.04, h10km, n8, 0.2903/14, 7C, Dominican Republic region

Table with columns: MSFV, WRA, ASAR, QSPA, ILAR. Includes station names like Nonsavu, Warramunga Arr, Alice Springs, South Pole Qui, Eielson Array and their coordinates.

BEO 07 00:46:54.9,0.3,40.55N;21.22E, h0km, ML2.4/7
THE 07 00:46:55.9,40.1N;21.2E, h15km, 1km, M2.3/12, MLh2.3/12
ATH 07 00:46:55.2,40.42N;21.05E, h18km, 1km, ML2.5/12, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
TIR 07 00:46:55.5,40.39N;21.12E, h18km, ML2.5, Presumed earthquake

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Nestor, Nest, Nestor, Nest, Nest.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Nestor, Korca, Korca, Leskovik, Kozani, Kozani, Kipourio, Kipourio, Ohrid, Naoussa, Janina, Janina, Pramanda, Pramanda, Berati, Berati.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Sarande, Igoumenitsa, Igoumenitsa, Tetrakomo, Epi, Litokhoron, Litokhoron, Klokotos Trika, Klokotos Trika, Klokotos Trika, Griva, Griva, Tyrnavos, Tyrnavos, Tyrnavos, Giannouli, Peshkopia, Peshkopia, Vay, Valandovo, Evrytania, Agios Georgios, Polygyros, Polygyros, Dracevica, Mon, Bosilegrad, Bosilegrad, Barje, Barje, Podgorica, Podgorica, Vitosh, Vitosh, KOME, Kolasin, Sels, Sjelova, Sjelova, Sjes, Sjenica, Zavojs, Zavojs.

IDC 07 01:05:05.9,2.8,21.21S;179.87W, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=207.2km s-min=34.8km az=160.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, Lajitas Array, Keskin Array B.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Rib, Rijeka, Gornja Briga, Bojanci, Bojanci, Novolja.

Table with columns: NVLJ, PLIT, OZLJ, VISS, VISS. Includes station names like Pitalje, Opatje, Visnje and their coordinates.

IDC 07 01:36:32.5,2.9,19.33S;177.44W, h582km, 21km, mb3.1/4, mbtmp4.1/6, Error ellipse: s-maj=44.2km s-min=29.5km

ISC 07 01:36:33.2,2.6,19.2S;0.3;177.5W;0.4, h600km, n7, a111/9, mb3.7/4, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Urewera, Stephens Creek, Warramunga Arr, Warramunga Arr, Alice Springs, Alice Springs, Fitzroy Crossi, Fitzroy Crossi, Keskin Array B.

IDC 07 01:46:38.1,6.5,7.32S;129.64E, h33km, 57km, mb3.1/1, mbtmp3.6/4, ML3.8/3, MS3.6/1, Error ellipse: s-maj=39.8km s-min=24.4km az=81.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, Warramunga Arr, Warramunga Arr, Alice Springs, Alice Springs, Hailar Array B, Hailar Array B, Makanchi Array, Makanchi Array.

IDC 07 01:58:23.0,3.0,7.38S;175.47E, h0km, mb4.2/9, mbtmp4.2/9, MS3.6/2, Error ellipse: s-maj=27.9km s-min=21.5km az=10.0

NEIC 07 01:58:25.4,0.6,38.82S;0.07,47.3E;0.2, h10km, 1km, mb4.6/8, Error ellipse: s-maj=30.2km s-min=12.1km az=272.0

ISC 07 01:58:24.9,0.6,38.8S;0.1;47.3E;0.1, h10km, n46, a0568/22, mb4.4/10, MS3.5/21, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, Voihotska, Voihotska, OPO, OPO, BOSA, Boshof, BOSA, Sutherland, Lobatse, Lobatse, MATP, Kaudwane, Kaudwane, Mawson, Mawson, Diego Garcia, Diego Garcia, Diego Garcia, Diego Garcia, Mbarara, Mbarara, ATD, South Pole Qui, South Pole Qui, Cape Leeuwin, Cape Leeuwin, Cape Leeuwin, Patekela, Patekela, Vanda, Vanda, DBIC, Eilat, ASF, ASF, Mount Meron, Alice Springs, Alice Springs, Stephens Creek, Stephens Creek, Chiang Mai Arr, Chiang Mai Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

IDC 07 03:47:04.4;13.0,25.16S;177.47W, h113km, 122km, mb3.9/3, mbtmp4.2/4, ML3.3/1, Error ellipse: s-maj=92.4km s-min=39.8km az=4.0

ISC 07 03:47:04.4;13.25S;0.1;177.4W;0.3, h161km, n9, a1548/11, mb3.9/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Urewera, Urewera, Urewera, Charters Tower, Alice Springs, Alice Springs, Warramunga Arr, Warramunga Arr, Hagfors.

Table with columns: WBR, WB0, GNE, VAI, KBZ, PLCA, BDFB, MDT, ESDC, PPT, ILAR, TXAR, TXAR, TXAR, TXAR. Includes station names like Warramunga Arr, Garni, Valguarnera, Khabaz, Pao Flores, Brasilia, Midelt, Somersarray, Papeete, Eielson Array, Lajitas Array, Lajitas Array, Lajitas Array.

UPA 07 02:24:20.7,1.6,7.54N;77.97W, h0km, 5km, ML3.6, MW3.6, RSNC 07 02:24:21.1, 0.0, 7.78W;1.7, h14km, 3km, M2.4, ML2.0

ISC 07 02:24:20.1,1.4,0.77N;2.7;8W;1.1, h14km, 3km, M2.4, ML2.0, n25, a124/41, Panama

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Punta Ardita, Meteti, Meteti, Capurgana, Capurgana, Capurgana, Bahia Solano, Apartado, Choc, Dabeiba, Dabeiba, Chepo, Panama, Chepo, Panama, Gamboa, Zanguena, Cho, Zanguena, Chitre, El Hiral, Isla Barro Col, Isla Barro Col, Isla Barro Col, San Jose de Ur, Ciudad Bolivar, El Cacao, Vera, El Cacao, Vera, Santa Helena, Santa Helena, San Jos del P, Guyana, Caudas, Puerto BERRIO.

IDC 07 02:44:21.1;1.5,0.69S;127.63E, h0km, mb3.5/5, mbtmp3.6/5, Error ellipse: s-maj=151.2km s-min=21.5km az=63.0

DJA 07 02:44:26.3,0.2,1.5S;127.6E, h10km, M4.1/17, mB5.2/1, mb4.5/4, MLV3.9/17, Mw(B)4.6/1

ISC 07 02:44:27.0;1.0,0.80S;106.127.68E;0.07, h31km, n14, a1594/16, mb3.7/4, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Ternate, Sanana, Namlea, Masohi, Cibinong, Gorontalo, Luwuk, Sidrap Palu, Warramunga Arr, Alice Springs, Alice Springs, Solomons Array, Makanchi Array, Kurchatov, Kurchatov.

IDC 07 03:47:04.4;13.0,25.16S;177.47W, h113km, 122km, mb3.9/3, mbtmp4.2/4, ML3.3/1, Error ellipse: s-maj=92.4km s-min=39.8km az=4.0

ISC 07 03:47:04.4;13.25S;0.1;177.4W;0.3, h161km, n9, a1548/11, mb3.9/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Urewera, Urewera, Urewera, Charters Tower, Alice Springs, Alice Springs, Warramunga Arr, Warramunga Arr, Hagfors.

7d 4h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include AKASA, EKA, EKA, BRTR, BRTR, MMAI.

IDC 07 03:51:29.71, 8.527S, 154.08E, h139km, 14km, mb3.9/18, mblmp4.4/22, MS3.0/1, Error ellipse: s-maj=20.4km s-min=10.8km az=80.0

NEIC 07 03:51:31.1, 1.7, 5.22S, 0.10x154.0E, 0.1, h146km, 5km, mb4.3/42, Error ellipse: s-maj=16.9km s-min=12.5km az=52.0

ISC 07 03:51:30.7, 0.5, 5.21S, 0.06x154.10E, 0.08, h150km, n80, r1510/82, mb4.2/38, Bougainville-Solomon Islands

Main table for 7d 4h section, listing various seismic stations and their data.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include KURBB, C26K, C26K, E27K, E27K, MAW.

TEH 07 03:54:33.7, 33.18N, 45.31E, h10km, 53km, ML2.6, Presumed earthquake

ISC 07 03:54:33.9, 1.2, 33.16N, 45.34E, h27km, 41km, ML2.7, Presumed earthquake

ISC 07 03:54:33.4, 1.5, 33.00N, 45.30E, 0.10, h10km, n8, r1511/11, Iran-Iraq border region

Main table for 2020 DEC section, listing various seismic stations and their data.

JMA 07 04:00:19.1, 0.4, 30.2'N, 124.1'E, h49km, MV3.6/12, NEAR TORISHIMA IS, Southeast of Honshu

IDC 07 04:47:08.2, 2.0, 39.36N, 54.53E, h0km, mb3.7/9, mblmp3.9/16, ML3.6/7, MS3.2/12, Error ellipse: s-maj=37.5km s-min=14.1km az=174.0

TEH 07 04:47:12.4, 39.52N, 54.65E, h10km, ML4.0, Presumed earthquake

MOS 07 04:47:13.7, 1.4, 40.00N, 54.50E, h10km, mb4.7/10, Error ellipse: s-maj=6.9km s-min=5.8km az=117.2

NEIC 07 04:47:13.2, 2.2, 39.99N, 0.05x54.54E, 0.09, h10km, 1km, mb4.3/20, Error ellipse: s-maj=12.4km s-min=7.3km az=244.0

NNC 07 04:47:20.8, 10.0, 40.28N, 55.57E, h0km, mb4.3, Error ellipse: s-maj=89.4km s-min=49.8km az=44.0

ISC 07 04:47:12.3, 0.6, 39.38N, 0.06x54.70E, 0.04, h10km, n112, r264/116, mb4.1/18, MS3.5/6, 3C-5D, Turkmenistan

Main table for 2020 DEC section, listing various seismic stations and their data.

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Main table for 284 section, listing various seismic stations and their data.

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like MNK, ZALV, FINES, GERE, etc.

LDG 07:04:55:12.5:0.1,44:19N:10:14E,h6km,MI3.3/14,Error ellipse: s-maj=2.6km s-min=1.8km az=15.0

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like FIV, VIL, VAV, etc.

Main table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like GSC, NEVI, POP, ZCCA, etc.

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like VISG, MAGO, BRIS, etc.

Table of seismic events including stations like CONA, SSF, SSF, SSF, KHC, KHC, KHC, ROSALIA, ROSALIA, MEZF, BG, BG, BG, WINA, WINA, MTLF, MTLF, ZVC, ZVC, TCF, TCF, HUMBLY.

IDC 07 05:07:55.9±1.2, 24.343N, 108.64W, h0km, mbtmp3.0/3, ML3.8/3, Error ellipse: s-maj=68.5km s-min=27.4km az=153.0

MEX 07 05:07:59.9±0.3, 24.37N, 109.25W, h15km, MD4.1, Presumed earthquake

ISC 07 05:07:55.9±1.2, 24.343N, 109.109W, 0.06, h10km, n7, c584/12, Gulf of California

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

NEIC 07 05:18:02.7±1.2, 18.3S, 0.2x177.9W, 0.2, h603km, 9km, mb4.2/17, Error ellipse: s-maj=24.4km s-min=20.0km az=142.0

IDC 07 05:18:03.1±1.4, 18.37S, 177.98W, h609km, 16km, mb3.3/13, mbtmp4.2/14, Error ellipse: s-maj=16.3km s-min=12.4km az=135.0

ISC 07 05:18:01.6±0.6, 18.3S, 0.1x178.0W, 0.1, h600km, n511, c1455/10, mb4.0/19, Fiji Islands region

Large table of seismic events with columns: Code, Station Name, Az, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC.

Table of seismic events for December 2020, including stations like CMAR, F31M, YKA, YKA, ARCES, EKA, BUR08, BURAR, BR13, BR13, BRTR, CLL, GERES.

SDD 07 05:21:53.8±2.2, 20.01N, 70.19W, h15km, 24km, MD3.0, ML2.8, MW3.1, Presumed earthquake

SSNC 07 05:21:56.6±0.9, 17.63N, 71.25W, h20km, 8km, MD3.9, ML2.3, Presumed earthquake

OSPL 07 05:21:56.1±1.5, 19.95N, 70.29W, h0km, 5km, ML2.5, Presumed earthquake

ISC 07 05:21:52.1±1.5, 19.99N, 070.20W, 0.06, h17km, 9km, n22, c107/37, 17C-3D, Dominican Republic region

Large table of seismic events for December 2020 with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC.

BGR 07 05:24:37.3±21.67S, 178.04W, h33km, MOS 07 05:25:45.0±1.0, 21.01S, 179.13W, h627km, mb5.2/20, Error ellipse: s-maj=10.0km s-min=9.2km az=69.9

NEIC 07 05:25:45.2±1.0, 21.03S, 0.1x179.1W, 0.1, h613km, 5km, mb4.9/315, Mw5.5/14, Mw5.4/11, Error ellipse: s-maj=15.8km s-min=13.7km az=108.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1=0.32, M2=1.58, M3=1.26, M4=0.19, M5=0.02, M6=1.23, Fault plane solution: Mb1.91000x10^17, NP1=94.68000°, 371.82000°, λ=148.87000°. NP2=309.01000°, 360.99000°, λ=20.98000°. Principal axes: T 1.6007, P167.0000°, Azm177.0000°; N 0.5068, P165.0000°, Azm177.0000°; P -2.1075, P163.0000°, Azm272.0000°.

GFZ 07 05:25:46.5±0.3, 21.51S, 17.9W, h651km, 7m, M5.1/24, mb5.2/24

NEIC 07 05:25:45.2±1.0, 21.01S, 179.03W, h616km, PTWC 07 05:25:45.2±1.0, 20.90S, 178.90W, h653km, Mw5.6/7, FUJI REGION

GFZ 07 05:25:46.2±1.0, 21.00S, 179.19W, h660km, Mw5.4/22, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1=0.15, M2=1.08, M3=1.23, M4=0.53, M5=0.29, M6=0.89, Fault plane solution: Mb1.58674x10^17, NP1=318.72846°, λ=20.98000°. Principal axes: T 1.6007, P167.0000°, Azm177.0000°; N 0.5068, P165.0000°, Azm177.0000°; P -2.1075, P163.0000°, Azm272.0000°.

GFZ 07 05:25:46.5±0.3, 21.51S, 17.9W, h651km, 7m, M5.1/24, mb5.2/24

NEIC 07 05:25:46.2±1.0, 21.01S, 179.03W, h616km, PTWC 07 05:25:46.2±1.0, 20.90S, 178.90W, h653km, Mw5.6/7, FUJI REGION

GFZ 07 05:25:46.2±1.0, 21.00S, 179.19W, h660km, Mw5.4/22, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1=0.15, M2=1.08, M3=1.23, M4=0.53, M5=0.29, M6=0.89, Fault plane solution: Mb1.58674x10^17, NP1=318.72846°, λ=20.98000°. Principal axes: T 1.6007, P167.0000°, Azm177.0000°; N 0.5068, P165.0000°, Azm177.0000°; P -2.1075, P163.0000°, Azm272.0000°.

0.4530, Plg45.0000°, Azm41.0000°; P -2.1150, Plg30.0000°, Azm276.0000°; nsta1 refers to body waves, cutoff=40s. Triangular moment-rater function

ISC 07 05:25:45.7±0.3, 20.985S, 0.04x178.93W, 0.04, h631km, 2km, h632km, pP, n824, c1945/779, mb4.9/247, 37C-36D, Fiji Islands region

Large table of seismic events for December 2020 with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like 002D Mt. Diablo Mer, SUTB Sutter Butte, PFO Pinyon Flats O, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like E08A Dider Farm, BMR0 Bremner River, BMO0 Blue Mountains, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Hu-ho-hao-te, etc.

Table of astronomical observations for 7d 6h, including station names, coordinates, and observation details.

Table of astronomical observations for 2020 DEC, including station names, coordinates, and observation details.

Table of astronomical observations for 2020 DEC, including station names, coordinates, and observation details.

ASRS 07 06:15:43.0, 1.4, 54:30N:86:12E, h0km, M2.7(MOS), The earthquakes of Russia in 2020, Obninsk, GS RA3, 2022.

IDC 07 06:15:44.6, 3.8, 54:30N:86:18E, h0km, mb3.2, ML3.1/2, Error ellipse: s-maj=32.8km s-min=13.0km

az=62.0, Southwestern Siberia

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

IDC 07 06:41:14.4, 3.7, 54:38N:26:79E, h0km, mb3.7/4, mb3.3/6.5, ML3.9/1, MS3.7/2, Error ellipse: s-maj=76.2km

ISK 07 06:41:14.8, 3.4, 54:34N:26:71E, h4km, ML2.9/11, NEIC 07 06:41:15.4, 1.2, 34:62N:0:06:26:73E:0.06, h10km, 1km, mb4, 1/1.2, Error ellipse: s-maj=10.9km s-min=8.0km

ATH 07 06:41:19.0, 34:70N:26:58E, h9km, 3km, ML3.1/7, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

THEF 07 06:41:20.3, 35:18N:2:6E:2.8, h2km, 1.3km, M3.0/7, ML3.0/7

AFAD 07 06:41:24.0, 34:98N:27:42E, h10km, ML2.5, ISC 07 06:41:15.2, 1.5, 34:76N:0:06:26:84E:0.02, h10km, gkm, n68, +191478, mb3.9/9, Crete

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

Table with columns: KARP, Karpathos, 0.83 19 Pn, 06 41 34.2 +1.1, etc. Includes stations like Karpathos, Agios Nikolaos, Neapolis, etc.

IDC 07 06:43:02.8:0.6, 19:17N:121:33E, h0km, mb4.2/19, mtbpm4.2/22, ML4.1/3, MS3.7/33, Error ellipse: s-maj=18.2km s-min=12.6km az=82.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Includes stations like Pamplona Cayag, Pasuquin, Brsy, Tapao, Santa Palanan, etc.

Table with columns: KLR, Kul'dur, 31.09 14 P, 06 49 22.8 -0.1, etc. Includes stations like Kul'dur, WMO, WMO, WMO, etc.

7d 7h

2020 DEC

Table with columns: YKA, YKA EKA, PPT, TXAR, URIC, SJCC, SJCC, OCAC, SDV, BRUC, PTBC, PLMC, BARC, GUY2C, YBPC, YOTC, RUSC, JAMC, ROSC, CVER, CHIC, POPC, BBAC, VILC, PRAC, GARC. Contains station names, coordinates, and seismic data.

IDC 07 07:01:53.4±2.2, 18.49S; 169.55E, h0km, mb4.2/4, mbtmp4.1/5, ML3.6/1, MS3.5/2, Error ellipse: s-maj=41.4km s-min=31.7km az=124.0

NOU 07 07:01:55.8, 18.73S; 169.42E, h0km, MLV4.0/10, Vanuatu Islands

NEIC 07 07:01:57.1±1.5, 18.73S; 0.04; 169.4E; 0.1, h10km, 1km, mb4.4/8, Error ellipse: s-maj=21.4km s-min=7.5km az=90.0

ISC 07 07:01:56.0±1.4, 18.68S; 0.05; 169.5E; 0.1, h10km, n28, c0576/28, mb4.2/7, Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res. Lists stations like RTV, DVP, MARNC, etc.

RSPR 07 07:07:23.9, 18.94N; 65.14W, h29km, 11km NEIC 07 07:07:24.0±1.1, 18.94N; 0.08; 65.17W; 0.04, h35km, 2km, ML3.2/38, Md3.5/(RSPR), Error ellipse: s-maj=14.3km s-min=5.8km az=185.0

ISC 07 07:19:52.3, 18.95N; 0.10; 65.14W; 0.04, h7km, 15km, n30, c0593/41, 3C-10D, Puerto Rico region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res. Lists stations like HUMP, GCPH, PDRP, etc.

Table with columns: MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR. Contains station names like Magueyes Islan, Cabo Rojo, etc.

ISK 07 07:12:32.6, 37.80N; 26.96E, h9km, ML2.6/23 THE 07 07:12:33.4, 37.8N; 1.0; 27.0E; 0.6, h6km, 2km, M2.7/9, MLh2.7/9

AFAD 07 07:12:34.5, 37.84N; 27.04E, h7km, 3km, ML2.5 ISC 07 07:12:33.4±0.9, 37.80N; 0.02; 26.96E; 0.02, h10km, 7km, n42, c0549/59, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res. Lists stations like SMG, GCAM, GUSD, etc.

BLBC Balcova 0.59 6 P Pg 07 12 44.5 -0.3 BLCB Balcova 0.59 6 S Sg 07 12 52.7 +0.1 BLCB Balcova 0.59 6 Pg AML 07 12 44.5 -0.3

YKAV Yalikavak-Bodr 0.72 159 Pg P 07 12 46.7 -0.6 YKAV Yalikavak-Bodr 0.72 159 Pg P 07 12 46.7 -0.6

CESE Zeytinkoy-Aydi 0.75 78 Pg AML 07 12 47.3 -0.6 AYDB Bodrum 0.79 159 P S 07 12 50.0 +1.0

BODT Bodrum 0.79 159 P S 07 12 50.0 +1.0 BODT Bodrum 0.79 159 P S 07 12 50.0 +1.0

MLSB Milas 0.82 127 Pg AML 07 12 49.0 -0.2 MLSB Milas 0.82 127 Pg AML 07 12 49.0 -0.2

BODA Bodrum, Mula 0.85 154 Pg P 07 12 49.3 -0.4 IZMR Balabanli, de 0.85 66 P Pb 07 12 50.3 0.0

KRBN Karaburun 0.85 338 Pg AML 07 12 49.5 -0.4 KRBN Karaburun 0.85 338 Pg AML 07 12 49.5 -0.4

BAGT Foa 0.86 354 P S 07 12 50.1 +0.1 BAGT Foa 0.86 354 P S 07 12 50.1 +0.1

CHOS Chios island 0.92 310 P S 07 12 50.4 -0.8 CHOS Chios island 0.92 310 P S 07 12 50.4 -0.8

FOCM Focma 0.93 349 Pg AML 07 12 50.8 -0.5 FOCM Focma 0.93 349 Pg AML 07 12 50.8 -0.5

CAMT Merkez 0.99 16 P S 07 12 52.3 -0.1 CAMT Merkez 0.99 16 P S 07 12 52.3 -0.1

NAZL Nazilli-Aydin 1.07 81 Pg AML 07 12 53.6 -0.3 NAZL Nazilli-Aydin 1.07 81 Pg AML 07 12 53.6 -0.3

ZEDA zmir-Bergama 1.17 5 P S 07 12 55.0 -0.8 ZEDA zmir-Bergama 1.17 5 P S 07 12 55.0 -0.8

DAT Datca 1.18 155 Pn AML 07 12 55.4 -0.6 DAT Datca 1.18 155 Pn AML 07 12 55.4 -0.6

GOMA Gormarmara-Man 1.18 39 Pn AML 07 12 55.7 -0.3 GOMA Gormarmara-Man 1.18 39 Pn AML 07 12 55.7 -0.3

KIRA Kiraz, zmir 1.21 70 P S 07 12 56.2 -0.4 KIRA Kiraz, zmir 1.21 70 P S 07 12 56.2 -0.4

Salihli 1.26 45 P S 07 12 57.2 +0.2 Salihli 1.26 45 P S 07 12 57.2 +0.2

AKHS Akhisar 1.27 32 P S 07 12 57.3 +0.1 AKHS Akhisar 1.27 32 P S 07 12 57.3 +0.1

AKS Akhisar 1.27 32 Pn AML 07 12 57.2 0.0 AKS Akhisar 1.27 32 Pn AML 07 12 57.2 0.0

DKL Dikili 1.27 358 Pn AML 07 12 56.9 -0.3 DKL Dikili 1.27 358 Pn AML 07 12 56.9 -0.3

APE Apeiranthos 1.35 238 Pn AML 07 12 57.2 -1.1 APE Apeiranthos 1.35 238 Pn AML 07 12 57.2 -1.1

SOMA Soma-Manisa 1.43 18 Pn AML 07 12 59.4 0.0 SOMA Soma-Manisa 1.43 18 Pn AML 07 12 59.4 0.0

MANT Manisa 1.44 61 P S 07 13 01.1 +0.1 MANT Manisa 1.44 61 P S 07 13 01.1 +0.1

TURN Turunc 1.45 134 Pn AML 07 12 59.4 -0.2 TURN Turunc 1.45 134 Pn AML 07 12 59.4 -0.2

GORD Gordes-Manisa 1.47 40 Pn AML 07 12 59.8 -0.1 GORD Gordes-Manisa 1.47 40 Pn AML 07 12 59.8 -0.1

KULA Kula-Manisa 1.52 61 Pn AML 07 13 00.8 -0.1 KULA Kula-Manisa 1.52 61 Pn AML 07 13 00.8 -0.1

PRK Paraskevi 1.54 340 P Pb 07 13 02.4 +0.3 DALY Dalyan (Mula) 1.67 125 Pn AML 07 13 02.6 0.0

STEP BALIKESIR_Sava 1.68 20 P S 07 13 04.9 +0.4 STEP BALIKESIR_Sava 1.68 20 P S 07 13 04.9 +0.4

STEP STEP 07 13 20.0 +0.4 STEP STEP 07 13 20.0 +0.4

BUHA Balikesir, Bur 1.70 3 P S 07 13 04.8 +0.1 BUHA Balikesir, Bur 1.70 3 P S 07 13 04.8 +0.1

DEMI Demirci 1.86 47 P S 07 13 08.9 -0.1 DEMI Demirci 1.86 47 P S 07 13 08.9 -0.1

NNC 07 07:14:12.6±1.6, 49.98N; 78.64E, h0km, mb2.5, mpv2.1, Error ellipse: s-maj=14.3km s-min=2.7km az=79.0

ISC 07 07:14:12.6±1.6, 49.96N; 78.65E, h0km, mbtmp2.6/2, ML1.9/2, Error ellipse: s-maj=15.2km s-min=10.4km az=57.0

ISC 07 07:14:12.3±2.2, 49.96N; 0.07; 78.5E; 0.3, h0km, n16, c082/27, 15C-10D, Eastern Kazakhstan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res. Lists stations like KUR07, KUR07, KUR06, etc.

SGS 07 07:26:01.0, 25.19N; 37.97E, h44km, MI0.9, Western Arabian Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res. Lists stations like LNV01, LNV01, LNV01, etc.

SNET 07 07:38:30.2±3.5, 11.83N; 86.43W, h111km, ML3.7, Presumed earthquake

UCR 07 07:38:30.4±0.4, 11.82N; 86.47W, h97km, 7km, MW4.1, Presumed earthquake

CATAC 07 07:38:31.7±0.2, 12.1N; 86.6W; h93km, 2km, M3.7/48, MLV3.7/48, Error ellipse: s-maj=6.6km s-min=1.9km az=37.1, confirmed

ISC 07 07:38:31.4±1.2, 11.75N; 0.05; 86.49W; 0.05, h102km, 7km, n94, c0564/133, 3C-35Z, Near coast of Nicaragua

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res. Lists stations like SABN, MASB, MASN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, H, m, s, Res, ISC. Lists various stations like POLN, PKGN, BOAC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, H, m, s, Res, ISC. Lists various stations like WRA, WBA, WRS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, H, m, s, Res, ISC. Lists various stations like MKAR, MAKZ, MAZK, etc.

IDC 07:07:49.01.4.0.6.9:64S:124.69E, h0km, mb4.2/11, mbmp4.2/14, ML4.2/3, M3.3, 1.3, Error ellipse: s-maj=15.8km s-min=10.6km az=72.0

NEIC 07:07:49.02.1.1.3.9:67S:0.06:124.77E:0.05, h10km, 1km, mb4.5/25, Error ellipse: s-maj=12.0km s-min=6.4km az=332.0

DJA 07:07:49.04.0.0.4.10.5:33.12:5E.1, h10km, M4.4/13, mb4.3/1, mb4.6/6, MLV4.3/13, Mw(mB)3.5/1

ISC 07:07:49.01.1.0.4.9.83S:0.05:124.80E:0.05, h10km, n78, az=183.78, mb4.4/21, Timor region

ASRS 07:07:52.50.2.0.4.5:74N:91.08E, h0km, M3.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

IDC 07:07:52.53.1.3.3.5:67N:91.02E, h0km, mbmp3.3/3, ML3.0/3, Error ellipse: s-maj=26.1km s-min=21.2km az=78.0

NNC 07:07:52.54.9.2.7.53:78N:90.85E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=19.9km s-min=15.3km az=58.0, Suspected Mining explosion.

ISC 07:07:52.49.1.2.2.53:80N:01.915E:0.1, h0km, n10, az=206/16, 5C-9D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, H, m, s, Res, ISC. Lists various stations like SOEI, BATI, BATI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, H, m, s, Res, ISC. Lists various stations like I46RU, ZAAO, ZAAO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, H, m, s, Res, ISC. Lists various stations like WCT, WCT, WCT, etc.

Table with columns: SHOC, CCCA, LRM, SHPR, GSC, LNV, BBG, CRV, MTB, SUTB, ELK, LCMT. Includes station names and coordinates.

THE 07 08:34:51.8, 37°8'N, 0°9'26.9E, 0.5, h10km, 2km, M2.6/8, MLh2.6/8
ISK 07 08:34:51.2, 37°8'2N, 26°84'E, h7km, ML2.6/5
AFAD 07 08:34:52.5, 37°86'N, 26°77'E, h6km, 1km, ML2.5

ISC 07 08:34:52.0, 0.9, 37.82N, 0.02, 26.83E, 0.03, h11km, 7km, n40, 0.65/56.0, Dodecanese Islands

Main table listing stations (Code, Station Name) and their associated seismic data (Delta A, AZ, Phase ID, Time, Res).

HEL 07 09:12:40.2, 0.7, 60°58'N, 29°12'E, h0km, ML1.3, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table listing stations (Code, Station Name) and their associated seismic data (Delta A, AZ, Phase ID, Time, Res).

Table listing stations (Code, Station Name) and their associated seismic data (Delta A, AZ, Phase ID, Time, Res).

ICD 07 09:33:05.5, 1.0, 52°09'N, 170°96'W, h0km, mb4.0/14, mbmp4.0/17, ML3.2/3, MS3.6/2, Error ellipse: s-maj=31.0km s-min=14.2km az=180.0

AEIC 07 09:33:08.4, 2.4, 51°76'N, 0°10:170°75'W, 0.08, h33km, 5km, Error ellipse: s-maj=14.8km s-min=5.5km az=158.0

NEIC 07 09:33:12.0, 1.4, 52°0N, 0°1:170°94'W, 0.09, h44km, 8km, mb4.2/21, ML4.0/14, ML3.7/AEIC, Error ellipse: s-maj=16.2km s-min=7.7km az=156.0

ISC 07 09:33:11.2, 0.7, 51.9N, 0.1, 170.87W, 0.05, h42km, n100, 0.151/93, mb4.1/20, Fox Islands

Main table listing stations (Code, Station Name) and their associated seismic data (Delta A, AZ, Phase ID, Time, Res).

Main table listing stations (Code, Station Name) and their associated seismic data (Delta A, AZ, Phase ID, Time, Res).

ASRS 07 09:39:59.0, 1.2, 55°19'N, 83°84'E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

ICD 07 09:40:02.6, 3.5, 55°05'N, 84°02'E, h0km, mbmp3.2/2, ML2.8/2, Error ellipse: s-maj=32.0km s-min=14.3km az=166.0, Northwestern Siberia

Table listing stations (Code, Station Name) and their associated seismic data (Delta A, AZ, Phase ID, Time, Res).

ICD 07 09:43:25.3, 2.4, 51°73'N, 170°85'W, h0km, mb3.4/2, mbmp3.6/5, ML3.2/3, MS3.6/3, Error ellipse: s-maj=58.7km s-min=28.9km az=168.0

NEIC 07 09:43:32.3, 1.7, 52°1N, 0°1:171°0'W, 0.1, h40km, 12km, mb3.6/17, ML3.1/8, ML3.0(AEIC), Error ellipse: s-maj=18.8km s-min=5.5km az=155.0

AEIC 07 09:43:32.1, 2.3, 52°4N, 0°2:171°14'W, 0.10, h24km, 6km, Error ellipse: s-maj=24.4km s-min=4.5km az=161.0

ISC 07 09:43:31.9, 1.0, 52.1N, 0.2, 170.98W, 0.06, h42km, n57, 0.151/49, mb3.6/4, MS3.5/3, Fox Islands

Main table listing stations (Code, Station Name) and their associated seismic data (Delta A, AZ, Phase ID, Time, Res).

7d 10h

Table with columns: INK, YKA, YKA, TXI, H1S1, H1S2, H1S3, USRK, PDAR, TXAR, TXAR, KURK, KURB, KURB, MKAR. Includes station names, coordinates, and status.

IDC 07 10:27:43.8, 1.4, 35.92N, 140.00E, h71km, 12km, mb3.5/13, mbmp3.8/18, MS3.6/2, Error ellipse: s-maj=17.5km

NIED 07 10:27:44.4, 36.04N, 140.09E, h63km, MW3.8, Moment Tensor Solution, s3, Moment tensor: Scale 10^14Nm; Mw:4.83; Ms:0.51; Mb:0.54; Ms:0.28; Mw:0.20; Mo:3.16;

NEIC 07 10:27:44.6, 1.5, 36.02N, 140.05E, h71km, 7km, mb4.3/13, Error ellipse: s-maj=9.8km s-min=2.2km az=50.0

JMA 07 10:27:44.4, 0.1, 36.0N, 0.2:140.1E:0.3, h63km, MV3.8/40, SOUTHERN IBARAKI PREF, JMA Feil II JT at SOUTHERN IBARAKI PREF

Main station table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists various stations like Yasato, Itakohinouch, Asahikawa, etc.

2020 DEC

Table with columns: INK, WB0, WRB, WRA, WRA, ARTI, AB31, AB31, ABKAR, ASAR, YKA, FINES, AKASG, HFS, TXAR, SNA. Includes station names, coordinates, and status.

GII 07 10:34:31.4, 0.0, 32.211N, 0.002:36.533E:0.001, h0km, confirmed

ISO 07 10:34:38.5, 0.5, 32.1N, 5.3E, h10km, M2.67, MLv2.6/7

ISC 07 10:34:39.1, 2, 32.25N, 0.04:36.42E:0.06, h0km, n15, <085/23, Dead Sea region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like Al Zarqa, Jabal al Asfar, Balqa, etc.

AEIC 07 10:39:28.3, 1.4, 69.55N, 0.04:144.34W:0.07, h13km, 3km, Error ellipse: s-maj=6.7km s-min=3.0km az=202.0

IDC 07 10:39:29.8, 1.2, 69.54N, 144.24W, h0km, mb3.8/6, mbmp3.8/11, ML3.7/5, MS3.7/1, Error ellipse: s-maj=14.8km s-min=12.6km az=63.0

NEIC 07 10:39:29.8, 1.4, 69.58N, 0.05:144.20W:0.06, h7km, 5km, ML3.9/14, ML3.8/12, Error ellipse: s-maj=8.0km s-min=2.6km az=192.0

ISC 07 10:39:28.6, 1.2, 69.52N, 0.003:144.25W:0.02, h0km, 9km, n203, <1523/192, mb3.9/6, Northern Alaska

Main station table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists various stations like Jago River, Camden Bay, Kamvik River, etc.

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Main station table with columns: D22K, G24K, G24K, B22K, H25L, H25L, H27K, G29M, G29M, G23K, G23K, F30M, F30M, E21K, E21K, E21K, C21K, G30M, G30M, A22K, H24K, H24K, H24K, H29M, H29M, H29M, PRP, PRP, INK, INK, INK, INK, INK, EPYK, I26K, F31M, F31M, I28M, I28M, I28M, D20K, D20K, I28M, I28M, I23K, I23K, I23K, MDM, COLA, ILAR, ILAR, ILAR, ILAR, IMO1, IMAR, H21K, H21K, H21K, H21K, H21K, D19K, D19K, PS08, MLY, MLY, MLY, E19K, E19K, E19K, HDA, HDA, I30M, I30M, I30M, WRH, WRH, WRH, NEA2, NEA2, H31M, H31M, H31M, C19K, SCRK. Includes station names, coordinates, and status.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, M, S, ISC. Contains station data for codes like K27K, J29N, F19K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, M, S, ISC. Contains station data for codes like JMA, ISC, Code, Station Name, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, M, S, ISC. Contains station data for codes like MKAR, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, M, S, ISC. Contains station data for codes like OSPL, SDD, ISC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, M, S, ISC. Contains station data for codes like IDC, NEIC, NOU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, M, S, ISC. Contains station data for codes like ASAR, WRA, WRA, etc.

7d 11h

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like HNR Honiara, RPZ Rata Peaks, FOZ Fox Glacier, SAVO Savo Central, TATA Tamba Isabel, LBZ Lake Benmore, etc.

2020 DEC

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like FAKI Fak Fak, FITZ Fitzroy Crossi, DRV Dumont d'Urville, BNDI Bandanaira, SIJI Sorong, etc.

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Table with columns for station call letters, frequency, power, and coordinates. Includes stations like JSU Suzuyama, JBM Bungbulang, JTM Tembayashahi, TWGBT Beinan, YULB Yu-li, etc.

Table with columns: PSI, Prapat, 83.41 276, P, P, 11 22 06.8 -0.4, etc. Lists various astronomical objects and their coordinates.

Table with columns: GO06, Curarrehue, 89.24 133, P, P, 11 22 35.6 +1.1, etc. Lists various astronomical objects and their coordinates.

Table with columns: KP/KS, Kokpek, 113.14 309, i/PKIKP, PKIKP, 11 28 10.5 -0.8, etc. Lists various astronomical objects and their coordinates.

7d 11h

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like BRTR, KIRS, EDMD, etc.

2020 DEC

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like ABNA, BZS, BZS, etc.

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Table with columns for station name, frequency, polarization, and other technical details. Includes stations like TABAC, PLVR, REZ, etc.

7d 12h

Table with columns: PB10, comp=E,300nm,0.5s, IAML, 11 44 01.2, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZKR Zakros, AGNA Agios Nikolaos, KARP Karpathos, etc.

2020 DEC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATHU Athens Ulivers, SULTU Buldan, DION Dionisios Attiki, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIT2 Siteia, ZKR Zakros, ZKR Zakros, etc.

ISK 07 11:43:03.9,35:72N-26:31E, h10km, ML3.4/7
AFAD 07 11:43:04.0,35:62N-26:20E, h4km, ML3.6/1.0
THE 07 11:43:06.0,36:N-2:26E, h7km,8km, M3.6/9, ML3.6/9
ATH 07 11:43:06.2,35:57N-26:40E, h19km,2km, ML3.6/21

ISK 07 11:50:10.2,35:67N-26:27E, h5km, ML2.5/7
ATH 07 11:50:11.5,35:66N-26:33E, h15km,3km, ML2.7/10,
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
THE 07 11:50:12.0,36:N-3:26E, h1, h20km,14km, ML2.7/7,
ML2.7-7/7

ISC 07 11:50:11.7,1.1,35:56N-0:03,26:32E,0:03, h14km, ±11km,
h30,-0:55/41, Crete
Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC

2020 DEC

Table with columns: CHTO, Chiang Mai, 25.30 287, P, P, 14 42 42.7 -0.9, etc. Includes stations like Chiang Mai, Kuroka, JMBI, etc.

Table with columns: JTM, Tenmabayashi, 31.26 25, Iamb, Iamb, 14 43 43.9, etc. Includes stations like Port Moresby, XiLinHaoTe, Ussuriysk Ar., etc.

Table with columns: HEH, comp=Z,120nm,0.9s, pmax, pmax, 14 44 31.4 +0.5, etc. Includes stations like Alice Springs, Songino Array, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like QLP Quilpie, BLDU Ballidu, WMQ Urumqi, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like UZB Uzynbulak, GHSS Government Hou, KPKS Kokpek, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SHEM Shemya Is, ALA Gladstone, BOROVYAE Arroy, etc.

7d 14h

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like WNVZ, PRZR, LBZ, etc.

2020 DEC

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like BRLK, SUA, TRF, etc.

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like PCA, EPYK, G30M, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SORM Soroca, KEPZ Antalya-Kepez, P3M Teslin, STEI Steigen, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VVDA Vanda, VVDA CLL, VVDA CLLL, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CPUP La Paz, LPAZ La Paz, SIV San Ignacio, etc.

Table with columns: AS01, Alice Springs, 18.46 165 P, P, 15 46 41.8 +1.4. Includes station names like RABUL, KRAT, MANU, etc., and their respective coordinates and times.

Table with columns: QSPA, South Pole Qui, 85.66 180 P, P, 16 04 47.4 -0.3. Includes station names like MAW, BVAR, GERES, etc., and their respective coordinates and times.

Table with columns: KURBB, Kurchatov Arra, 53.88 343 P, P, 16 14 40.4 -0.5. Includes station names like KURK, ZALV, ZALV, etc., and their respective coordinates and times.

7d 19h

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, Station Name, Time, Res, ISC, Op, Phase ID. Includes stations like AAK, SHLS, PDGK, ARXS, BLB, USP, KTM5, SFK, MNAS, KAPS, KURK, etc.

SDD 07 17:41:31.71.0.18:08N:71.60W, h15km, 24km, MD2.8, ML2.9, MW2.7, Presumed earthquake

OSPL 07 17:41:32.50.5.0.18:34N:71.43W, h22km, 3km, ML2.5, Presumed earthquake

ISC 07 17:41:31.91.3.18:16N:07.53W, h16km, 7km, n8, c18/014, 2D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, Station Name, Time, Res, ISC, Op, Phase ID. Includes stations like LODOU, PODR, LOBH, NEDR, JIDR, REDR, BANI, etc.

DJA 07 18:05:38.40.4.0.10:5.5x11.9E, h10km, M4.2/19, mb5.5/1, mb4.3/4, MLV4.1/19, Mw(MB)5.0/1

ISC 07 18:05:59.2.4.6.9:48S:119.94E, h210km, 48km, mb3.1/2, mbmp3.3/4, MS2.3/1, Error ellipse: s-maj=102.4km

ISC 07 18:05:39.2.0.9.9:33S:07.119E, h100km, n25, c214/20, Sumba region

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, Station Name, Time, Res, ISC, Op, Phase ID. Includes stations like WSI, WSI, LBFI, TWSI, EDPI, MMRI, KHKI, BSSI, DNP, IGBI, SRBI, RTBI, BKSI, MKSI, KAPI, SOEI, etc.

2020 DEC

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, Station Name, Time, Res, ISC, Op, Phase ID. Includes stations like SOEI, JAGI, ABJI, WRA, ASAR, SONM, MKAR, etc.

NEIC 07 18:20:10.50.9.16:19S:07.09:168:0E:0.1, h183km, 4km, mb4.4/14, Error ellipse: s-maj=18.4km s-min=12.5km

NOU 07 18:20:10.6.16:26S:168:51E, h170km, MLV4.3/13, Vanuatu Islands

ISC 07 18:20:16.1.2.5.16:42S:167:63E, h224km, 20km, mb3.5/0, mbmp4.2/7, Error ellipse: s-maj=26.6km s-min=15.4km

ISC 07 18:20:09.9.0.16:24S:07.06:168:02E:0.10, h177km, n34, c1872/34, mb4.2/12, Vanuatu Islands

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, Station Name, Time, Res, ISC, Op, Phase ID. Includes stations like SANVU, DVP, RTV, MARNC, MARNC, KOUNC, DZM, PINNC, PINNC, HNR, HNR, RAO, RAO, CTAO, INKA, STKA, STKA, WRB, WRB, WBO, WBO, WRA, WRA, ASAR, BBDO, KNRA, FORT, FITZ, MBWA, MIDW, GSPA, GSPA, ARCES, etc.

STKA comp=Z, 2.1nm, 0.6s Stephens Creek 28.61 232 P P 18 25 49.0 -0.7

WBO Warramunga Arr 32.14 259 P Iamb 18 26 19.1 -1.8

WRA Warramunga Arr 32.20 258 Iamb Iamb 18 26 21.3

ASAR Alice Springs 32.85 251 P P 18 26 25.7 -1.4

BBDO Buckleboon 33.26 234 P Iamb Iamb 18 26 30.2 -0.3

KNRA Kununurra 37.71 265 P Iamb Iamb 18 27 07.3 -1.4

FORT Forrest 39.18 241 P Iamb Iamb 18 27 19.7 -1.0

FITZ Fitzroy Crossi 40.47 261 P Iamb Iamb 18 27 30.7 -0.8

MBWA Marble Bar 45.87 256 P Iamb Iamb 18 28 13.7 -1.1

MIDW Midway 46.40 18 P P 18 28 17.5 -1.1

GSPA South Pole Qui 73.80 160 P P 18 31 24.4 -0.3

GSPA South Pole Qui 73.80 180 P P 18 31 24.3 -0.4

ARCES ACCESS Array B 121.88 345 PKP PKPdf 18 38 49.9 -0.5

ISC 07 18:31:56.71.7.46:32N:153:19E, h0km, mb3.7/11, mbmp3.7/14, ML3.1/3, MS3.9/2, Error ellipse: s-maj=39.3km s-min=15.5km az=149.0

NEIC 07 18:31:58.8.1.9.46:40N:0.10:153:3E:0.2, h10km, 1km, mb4.4/3, Error ellipse: s-maj=23.0km s-min=11.6km

SKHL 07 18:32:04.3.0.2.46:60N:153:00E, h60km, 9km, mb4.7/4 JMA 07 18:32:07.0.0.6.46:15N:153:3E, h167km, MV3.3/17, KURILE ISLANDS REGION

ISC 07 18:32:02.5.0.9.46:44N:0.1:153:10E:0.10, h40km, n48, c1872/30, mb3.9/14, Kuril Islands

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, Station Name, Time, Res, ISC, Op, Phase ID. Includes stations like KUR, KUR, KUR, SKR, SKR, SKR, YUK, YUK, YUK, NEM2, NEM2, NEMR, JRA, JNK, AKK, JTKR, YSS, JAR, JAR, PEAOB, etc.

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Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, Station Name, Time, Res, ISC, Op, Phase ID. Includes stations like PETK, PETK, PETK, JKB, JKA, ASAJ, ASAJ, JCH, JCH, JCH, YTV, YTV, ERM, ERM, USRK, USRK, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, ILAR, D25K, D25K, K24K, K24K, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, KURK, KURK, KURK, KURB, KURB, BVAR, BVAR, YKA, YKA, KKAR, FINES, FINES, FINES, NOA, HFS, AKASG, MLR, TXAR, etc.

USRK Ussuriysk Arr 15.02 269 AML AML Pn 18 35 33.5 +1.7

H11N2 WAKE ISLAND HY 28.91 152 T T 18 35 38.9

H11N1 WAKE ISLAND HY 28.93 152 T T 18 35 46.3

H11N3 WAKE ISLAND HY 28.93 152 T T 18 35 45.7

H11S1 WAKE ISLAND HY 30.00 153 T T 18 35 10.9

H11S3 WAKE ISLAND HY 30.01 154 T T 18 35 11.3

H11S2 WAKE ISLAND HY 30.02 154 T T 18 35 11.1

ILAR Eielson Array 36.83 38 P P 18 39 07.0 +0.8

D25K Kavir River 37.27 31 P Iamb Iamb 18 39 10.4 +0.3

K24K Donnelly Dome 37.33 40 P Iamb Iamb 18 39 16.0 -0.1

ZALV Zalesovo Beam 42.81 306 P P 18 39 55.1 -0.9

ZALV Zalesovo Beam 42.81 306 P P 18 39 55.5 -0.5

MKAR Makanchi Array 47.10 298 P P 18 40 30.3 +0.1

MKAR Makanchi Array 47.10 298 P P 18 40 30.9 +0.7

KURK Kurchatov Arr 47.55 304 P Iamb Iamb 18 40 34.7

KURB Kurchatov Arr 47.64 304 P Iamb Iamb 18 40 34.1 -0.2

BVAR Borovoye Array 51.08 310 P P 18 41 01.0 +0.4

YKA Yellowknife Arr 51.21 37 P P 18 41 01.8 +0.5

KKAR Karatay Array B 56.16 299 P P 18 41 38.8 +0.9

FINES FINES Array B 64.35 335 P P 18 42 33.4 +0.7

FINES FINES Array B 64.35 335 P P 18 42 34.2 +0.6

NOA NORARS Array B 68.56 341 P P 18 43 01.2 +0.7

HFS Hagfors 68.78 340 P P 18 43 02.8 +0.9

AKASG Malin Array B 71.83 326 P P 18 43 21.3 +0.6

MLR Munlele Ross 77.35 325 LR LR 19 22 56.4

TXAR Lajitas Array 77.67 60 P P 18 43 54.2 -0.8

DJA 07 18:36:55.31.3.7.73S:3:12:8'E, h26km, 12km, M4.1/12, mb5.2/3, mb4.2/7, MLV4.0/12, Mw(MB)4.5/3, Banda Sea

ISC 07 18:38:13.4.2.0.6:09S:129:37E, h0km, mb3.7/1, mbmp3.5/3, ML3.5/2, Error ellipse: s-maj=120.0km s-min=21.7km az=68.0, Banda Sea

WRA Warramunga Arr 14.59 161 Pn Pn 18 41 34.7 -6.6

WRA 0.2nm, 0.3s, baz=344, slow=13, SNR=6.9 Sn 18 44 04.7 -1.9

WRA 0.3nm, 0.3s, baz=338, slow=22, SNR=2.1, 0.2nm, 0.4s Sn 18 44 04.7 -1.9

ASAR Alice Springs 18.01 166 AML AML Pn 18 42 21.3 -4.0

ASAR Alice Springs 18.01 166 AML AML Pn 18 45 30.9 -1.6

ASAR 0.1nm, 0.3s, baz=347, slow=27, SNR=1.6 0.1nm, 0.7s AML AML Pn 18 45 30.9 -1.6

MKAR Makanchi Array 67.13 327 P P 18 49 08.8 -0.2

ISC 07 18:53:56.4.2.0.1.6:50S:129:05E, h0km, mb3.4/1, mbmp3.0/3, ML2.7/2, Error ellipse: s-maj=114.7km s-min=23.3km az=67.0, Banda Sea

WRA Warramunga Arr 14.31 159 Pn Pn 18 57 15.7 -4.8

WRA 0.2nm, 0.3s, baz=338, slow=14, SNR=2.0 Pn 18 59 41.7 -1.8

ASAR Alice Springs 17.69 165 P Pn 18 58 03.2 -1.2

MKAR Makanchi Array 67.30 327 P P 19 04 53.0 -0.2

ISC 07 19:03:01.2.1.6.7:34S:129:98E, h73km, 15km, mb3.6/7, mbmp4.1/4, MS3.1/1, Error ellipse: s-maj=15.5km s-min=14.4km az=55.0

NEIC 07 19:03:01.2.3.7:32S:0:02:129:80E:0:08, h86km, 9km, mb4.4/4, Error ellipse: s-maj=12.3km s-min=1.9km

DJA 07 19:03:03.0.2.0.7:52S:13:0E, h113km, 7km, M4.5/36, mb5.2/7, mb4.3/6, MLV4.5/18, Mw(MB)4.5/7

ISC 07 19:03:01.0.5.7:25S:0:05:129:91E:0.05, h100km, n81, c1818/36, mb3.9/14, Banda Sea

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

7d 20h

2020 DEC

ISC 07 19:53:10.0,9,19,23S:0.03:70.53W,0.07,h73km,6km, n71, r160/90,mb3.9/4,5C-9D,Near coast of northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, ISC. Lists various seismic stations and their recorded data for the event.

baz=101 H1N3 WAKE ISLAND Hy26.08 281 T T 22 31 17.7 H1N2 WAKE ISLAND Hy26.09 281 T T 22 31 18.7 H1N1 WAKE ISLAND Hy26.09 281 T T 22 31 15.2 MKAR Makanchi Array 144.63 33 PKP PKPab 20 12 39.9 +2.8

SJA 07 20:06:15.0,0.7,32.87S:71.15W,h67km,3km,ML4.0, MW4.1 NEIC 07 20:06:15.9,1.6,32.90S:71.15W,0.05,h67km,4km, mb4.1/6,ML4.3(GUC),Error ellipse: s-maj=6.6km s-min=5.4km az=214.0 GUC 07 20:06:15.8,0.8,32.87S:71.11W,h70km,2km,ML4.3, Presumed earthquake GFZ 07 20:06:15.1,0.2,33.52S:71.1W,1, h76km, M4.5/13, IDC 07 20:06:16.7,2.9,32.87S:71.12W,h78km,23km,mb3.7/3, mbmp4.0/8,Error ellipse: s-maj=35.2km s-min=20.2km az=130.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, ISC. Lists various seismic stations and their recorded data for the event.

7d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO, RAOI, RAOUL, etc.

NEIC 07 20:57:24.6 ± 1.3, 43.71N±0.06, 105.32W±0.05, h0km±1km, ML3.5/66, Error ellipse: s-maj=9.9km s-min=5.8km

IDC 07 20:57:26.3 ± 2.2, 44.16N±0.05, 105.60W±0.05, h0km±3.75, mbtmp 3.6/9, ML3.4/4, MS4.4/1, Error ellipse: s-maj=69.7km s-min=10.2km az=145.0

ISC 07 20:57:24.3 ± 1.0, 43.79N±0.07, 105.14W±0.07, h0km±n36, ±124/26, mb3.8/5, WYONG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSSD, K22A, LAO, etc.

2020 DEC

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

KRNAT 07 21:08:03.6 ± 0.1, 43.30N±78.07E, h30km, mb2.6 NNC 07 21:08:03.4 ± 0.5, 43.24N±78.27E, h0km, mb2.3, mpv2.7, Error ellipse: s-maj=4.1km s-min=2.6km az=12.0

SOME 07 21:08:03.7 ± 43.25N±78.20E, h10km, ISC 07 21:08:03.8 ± 0.9, 43.24N±0.02, 78.17E±0.02, h12km±7km, n32, ±146/62, 13C-8D, Lake Issyk-Kul region

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

USP AAK 0.3a-Archa 2.77 259 1Lg Sn 21 09 16.9 -2.4

SNET 07 22:03:02.3 ± 0.9, 13.32N±89.84W, h52km, ML3.4, Presumed earthquake
CATAC 07 22:03:02.5 ± 0.6, 13.14N±9.0W, h29km±3km, M3.5/16, MLV3.5/16, Error ellipse: s-maj=8.7km s-min=5.0km az=21.2, confirmed

GCG 07 22:03:03.7 ± 0.7, 13.45N±89.83W, h53km±8km, MD3.8, Presumed earthquake
ISC 07 22:03:04.2 ± 1.8, 13.37N±10.08E, h28km±15km, n32, ±103/48, El Salvador

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

IDC 07 22:24:47.8 ± 0.9, 34.45N±45.51E, h0km, mb3.9/16, mbtmp 3.8/20, ML3.4/4, MS2.9/3, Error ellipse: s-maj=19.9km s-min=13.8km az=155.0

NEIC 07 22:24:49.1 ± 1.0, 34.34N±45.60E±0.1, h9km±5km, mb4.4/16, Error ellipse: s-maj=13.3km s-min=4.2km az=94.0

ISC 07 22:24:50.1 ± 0.5, 34.40N±45.60E, h9km±7km, ML4.0, Presumed earthquake
TEH 07 22:24:50.5 ± 34.38N±45.62E, h8km±44km, ML4.1, Presumed earthquake
THR 07 22:24:51.1 ± 0.0, 34.37N±45.60E, h15km±3km, ML4.1, Presumed earthquake

OMAN 07 22:24:55.1 ± 1.2, 33.80N±45.81E, h10km, mb3.9/11, Error ellipse: s-maj=14.7km s-min=9.4km az=32.0

AFAD 07 22:25:04.7 ± 0.7, 35.07N±44.81E, h7km±5km, ML3.5, ISC 07 22:24:50.0 ± 0.4, 34.34N±45.60E±0.1, h9km±n137, n32, ±152, mb4.2/22, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDHR, IGHG, ILBA, etc.

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Table of station data for 317, including call signs (e.g., MIDY, GHVR, SRTM), frequencies, and various identifiers.

2020 DEC

Main table of station data for 2020 DEC, including call signs (e.g., BOSS, C18K, D22K), frequencies, and various identifiers.

7d 22h

Table of station data for 7d 22h, including call signs (e.g., WR8, WB0, WRAB), frequencies, and various identifiers.

7d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Dumont d'Urville, Prapat, Petkovsk-HongShan, Beijing, Kanaga Island, etc.

2020 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Toolik Lake Re, Mawson, Old Crow, Makanchi Array, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pamploña, La Rusia, Chingaza, etc.

ISC 07 22:40:36.1:0.6, 6.87N; 0:03:73:05W; 0:03, h155km, 5km, n70, c164/109, mb4.0/12, Northern Colombia

DNK 07 22:42:42.6, 1.2, 51.50N; 16.01E, h42km, 14km, ML3.3, Presumed earthquake
IPEC 07 22:42:42.6, 0.2, 51.56N; 16.17E, h1km, ML1.6/8, Error ellipse: s-maj=1.4km s-min=1.0km az=32.0
VIE 07 22:42:44.0, 0.9, 51.47N; 16.34E, h0km, mb2.7/1, m2.2/3, Error ellipse: s-maj=13.9km s-min=6.3km az=86.0 12 km NE of Lubin Suspected Mining induced.

KRSC 07 23:14:28.8, 2.2, 48.71N; 156.36E, h9km, 35km, M3.8, East of Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like SKR Severo-Kuril's, KDRTR Khodutka, MIPR Malaya Ipe'l'ka, etc.

AFAD 07 23:15:04.2, 36.92N; 27.90E, h7km, 4km, ML2.1 ISK 07 23:15:03.8, 36.91N; 27.89E, h5km, ML2.5/2, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like DATC Datca-Mugla, DATC Datca, TURUN Turunc, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like TURUN Turunc, BDRM Kayabasi, BDRM Bodrum, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like BODT Bodrum, MULA Mugla, MULA Mula, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like YKAV Yalikavak-Bodr, DALY Dalyan (Mula), DALY Dalyan (Mula), etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like ARG Arkhangelos, AYON Tasuluk, AYON Aydin, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like SABU Sabunlu, Dalem Esenky, Nazil, TAVEN DENIZLI Tavas, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like NAZL Nazilli-Aydin, DNIZ Denizli-Tavas, DNIZ Denizli, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like CAEL Denizli, CAEL Denizli, CAEL zettin, Seyd, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like IZZE IZZE, IZZE IZZE, IZZE IZZE, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like IZMR Balabanli, de, SULTU Buldan, SULTU Sultu, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like KRBN Karaburun, KRBN Karaburun, ZEYE Izmir, Urla-Ze, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like CESE eme, CESE eme, KRBR zmir-Karabur, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like BAGT comp=E,44nm,0.4s, BAGT comp=N,47nm,0.4s, BEYE izmir, etc.

NIED 07 23:17:59.5, 25.64N; 129.44E, h45km, MW3.8, Moment Tensor Solution, s2 Moment tensor: Scale=10^11Nm; Min=-6.17; Mxx=1.34; Mxy=4.77; Myx=1.52; Myy=0.08; Mzz=1.66; Fault plane solution: M=5.83000x10^14 Np1; phi=10.00000; delta=37.00000; lambda=73.00000. NP2: phi=169.00000; delta=55.00000; lambda=103.00000.

JMA 07 23:17:59.5, 25.64N; 129.44E, h45km, MW3.7/16, NEAR MINAMI-DAITOUJIMA IS

IDC 07 23:18:06.6, 1.3, 25.81N; 128.53E, h92km, 13km, mb3.3/6, mbimp3.7, Error ellipse: s-maj=66.6km s-min=18.3km az=69.0

ISC 07 23:18:00.2, 1.2, 25.70N; 129.41E, h51km, 14km, n22, r184/28, mb3.5/6, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like JNTH Nagatoyohara, JNTH Kunigami, JOW Kunigami, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like JOW Kunigami, JOW Kunigami, JOW Yamaogusuku3, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like JAMIN Amanishihikomi, JAM Amami Oshima, JOGS Gusukube, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like JMUJ Miyako jima3, JMUJ Miyako jima3, JMUJ Miyako jima3, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like KURBA Kuruchorro Arr, KURBA Kuruchorro Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like BVAR Borovoye Array, BVAR Borovoye Array, FINES FINES Array B, etc.

NEIC 07 23:23:55.7, 1.0, 22.6S; 0.2x179.4W, 0.1, h573km, 4km, mb4.0/15, Error ellipse: s-maj=23.4km s-min=18.0km az=151.0

IDC 07 23:23:57.5, 3.0, 22.47S; 179.66W, h590km, 26km, mb3.3/6, mbimp4.27, Error ellipse: s-maj=54.2km s-min=21.3km az=47.0

ISC 07 23:23:55.8, 0.7, 22.6S; 0.1x179.45W, 0.10, h579km, n32, o087/32, mb4.0/16, 2D, South of Fiji Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like ASAR Alice Springs, ASAR Alice Springs, WRR Warramunga Arr, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

SGS 07 23:08:51.8, 24.27N; 36.55E, h6km, ML1.9 HLW 07 23:08:52.3, 24.01N; 36.58E, h15km, 1 km, ML2.6

ISC 07 23:08:46.2, 1.2, 23.92N; 106.36E, 0.03, h10km, n35, o083/38, Red Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like SUMJS Umluj, SUMJS Umluj, UMJJS Umm Lajj, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like LNUU Lund, BLEU Blekinge, BJUU Bjuv, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like LNUU Lund, BLEU Blekinge, BJUU Bjuv, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for WARRAMUNGA ARR, WRA, WRA, ASAR, ASAR, ASAR, SONM, MKAR, MKAR, and FUNV.

FUNV 08:00:27.50.9, 24N:69.95W, h1km, MW4.0, Presumed earthquake. Includes magnitude and moment tensor information.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from SDV to ZARC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from PTBC to ROSC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from ROSC to TXAR.

IDC 08:00:47.20.0.4, 22.47N:144.78E, h0km, mb4.8/32, mbmp4.8/38, ML4.4/5, Ms4.9/74, Error ellipse:

Principal axes: T 2.639, Plg74.1000°, Azm68.4595°; N -0.1266, Plg2.0849°, Azm331.1171°; P -2.5173, Plg15.7555°, Azm240.5287°.

ISC 08:00:27.51.7, 0.6, 9.18N, 0.04, 69.36W, 0.03, h10km, n53, 0.169/71, mb3.7/4, Venezuela. Includes station list and moment tensor details.

ISC-PP 08:00:47.24.22.52N:144.74E, h22km, Mwpsm5.9, Moment Tensor Solution. s49 Moment tensor: Scale 10^17Nm; Mm:0.06, M2:12, M0:0.01, M1:43, M3:0.72, M4:14, M5:0.11, M6:17, M7:0.38, M8:13, M9:0.29, M10:10, M11:0.77, M12:0.00.

JMA 08:00:47.25.0.4, 24.2°N, 144.6°E, h42km, MV5.7/13, FAR E OFF OGASAWARA. Includes magnitude and moment tensor details.

GCMT 08:00:47.26.5.0, 1.2, 22.60N, 0.01, 144.94E, 0.01, h17km, MW5.5/153, Moment Tensor Solution. s113, c194; s153, c309; Duration: 1s4. Moment tensor: Scale 10^17 Nm; Mm:0.20, M2:0.03, M0:0.62, M1:0.21, M3:0.17, M4:0.13, M5:0.37, M6:0.40, M7:0.61, M8:0.10, M9:0.39, M10:0.00, M11:0.00, M12:0.00.

GFZ 08:00:47.27.3.0, 1.2, 22.49N, 0.03, 144.77E, 0.04, h18km, mb5.1/1km, h19km; pP, n1181, s138/1118, mb5.3/437, MS5.2/205, 68C-4D, Volcano Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from JHJH to MJAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from MJAR to JTW.

Large table with columns: JTW, Station Name, Time, Res, ISC, h, m, s, ISC. Lists stations from Tsushima to USRK.

Main table containing station call signs, names, frequencies, and various signal strength and timing metrics. Includes stations like LZH Lanzhou, KMI2 Kunming, etc.

8d 0h

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like MKAR, FORT, H17K, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like BLDU, PWL, ASAI, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like AKL, BCAR, RAO, etc.

Table with columns: ARTI, Arti, 69.61 324, P, P, 00 58 30.5 -0.7, IAMB, IAMB, 00 58 32.2, IAMS_20, IAMS_20, 01 32 18.6, etc.

Table with columns: YPT, Yellepit, 78.31 45, P, P, 00 59 23.1 +0.7, HATC, Hat Creek Radi, 78.38 51, P, IAMB, 00 59 23.4 +0.4, BIDO, Bibbie, 78.43 291, P, P, 00 59 25.1 +1.7, etc.

Table with columns: OUL, Oulu, 81.07 338, P, P, 00 59 37.2 +0.3, MNGR, Mingchevir, A Devils Postpil, 81.17 310, P, P, 00 59 37.7 -0.3, etc.

8d 0h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GSC Goldstone, YHL Hebggen Lake, YHB Horse Butte, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MNK, DGM, Q16A, P17A, U15A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Q24A, DUN6, BR131, BR13, BRTR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like VHRN Van Horn, MSTX Muleshoe, JAVC Velka Javorina, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like GNSA South Pole Qui, SNAAG Sanag, GRTLX Ghanzi, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like DL2 comp=E,4um,15.5s, DL2 comp=Z,6.1um,15.0s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like PNTR Pine Nut, PMPB Monarch Peak, JMTT Jette, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like USRK Ussuriysk Ar., USRK Jayapura, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like CSTO Cust School, SMHS Summerhill, TPLC Templeton Scho, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like IDC 08 01:09:50.1-0.6, NEIC 08 01:09:52.6-1.1, ISC 08 01:09:52.0-0.6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like NOU 08 01:18:43.6, WEL 08 01:18:44.8, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ISK 08 01:20:30.4, BNGB Bingli, KARO Karlova-Bingo, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Horasan, Erzurum, Akdag, Oltu, Erzurum-spir, Agr/Tutak/Do.

RSNC 08 01:35:34.4-0.6, 7°N, 2°E, h23km, 7km, M3.1, mb3.4, ML2.5

UPA 08 01:35:36.2-1.1, 7°24'N, 80°19'W, h8km, 2km, MW3.5

ISC 08 01:35:33.5-1.1, 7°14'N, 0°04'80'08W, 0.02, h23km, 10km, n37, r1536/65, Panama

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ACHOT, PEDAS, PCRI3, CACAO, CHIT3, MARI3, STIA3, GUAL, PNME, RSUS3, SFRA3, SAFE3, ZANG, FLAM, ARR3J, UPA, BCIP, BRU2, CAPC, APAC, DBBC, CBCC, PLMC, HELC, YOTC, GUY2C, JAMC, ZARC, POPC, BBAC, BBAC.

IDC 08 01:36:51.0-6.8, 0°37'N, 99°12'W, h0km, mb3.2/5, mbmp3.2/5, Error ellipse: s-maj=203.7km s-min=33.3km az=117.0

ISC 08 01:36:53.2-5.7, 0°4N, 0°6'9'W, h10km, n12, 0°08/06, mb3.3/6, West of Galapagos Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TXAR, NVAR, PDAR, PPT, YKA, ILAR, H11N3, H11N2, H11N1, H11S2, H11S1, H11S3.

ATH 08 01:41:23.9, 37°8'N, 26°71'E, h12km, ML2.7/10, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

MLh2.8/10 AFAD 08 01:41:24.5, 37°8'N, 26°77'E, h11km, 3km, ML2.8

ISC 08 01:41:24.8, 37°8'N, 26°75'E, h8km, ML3.0/18

ISC 08 01:41:24.2-0.8, 37°85'N, 0°02-26.74E, 0.02, h12km, 5km, n70, c065/106, Dodecanese Islands

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KRL1, SAM2, SMG, Samos, GUMULD, BEYE, KUSD, ZEVE, DDIM, BLBC, CESE, DIDI, DUVT, KRBN, CHOS, FOCM, BODT, BODR, KLNA, AYDB, AYDN, AYDN, BDRM, BDRM, BDRM, BDRM, BODA, MLSB, MLSB, IZMR, CAMT, ZEDA, ZEDA, DKL, DKL, DKL, NAZL, APE, APE, GOMA, ESEN, YAZI, AKHS, AKHS, AKS, KIRA, KTTT, KTTT, MULA, MULA, PRK, PRK, PRK, KIRA, SOMA, AYVA, AYVA, GORD, GORD, MANT, MANT, SULTU, BUHA, BUHA.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BUHA, HARTU, STEP, BALIKESIR, KOCA, KARY, KARY, KARY, DEMI, DEMI, BALLY, BKES, BKES, KYMI, KYMI, DION, LIA, GADA, SMTH, ALN.

TEH 08 01:48:56.3, 33°34'N, 47°50'E, h6km, 27km, ML3.3

ISC 08 01:48:57.9-0.9, 33°39'N, 47°42'E, h6km, 3km, ML3.3

ISC 08 01:48:57.7, 0.5, 33°39'N, 47°46'E, 0.03, h14km, n22, r155/26, Western Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IKFM, KCHF, ILBA, IGHG, IGHG, IBDR, IBDR, IBDR, SNQR, IDHR, IALM, HAGD, SNJK, AMIS, HGH, BHD, BHD, JHBN, ZNGN, IKRK, IKRK, IKLH, IZEF, ISFB.

NNC 08 02:03:00.8-0.3, 43°21'N, 78°32'E, h2km, 2km, mb3.1, mpv3.1, Error ellipse: s-maj=3.3km s-min=1.8km az=175.0

SOME 08 02:03:01.9, 43°23'N, 78°30'E, h15km

KRNET 08 02:03:03.4-0.1, 43°16'N, 78°24'E, h25km, mb2.7

ISC 08 02:03:01.1-1.0, 43°20'N, 0°02-78°33'E, 0.02, h7km, 9km, n42, c080/81, 15C-12D, Lake Issyk-Kul region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KURS, KURS, KURS, KURS, KPKS, KPKS, KPKS, UZB, UZB, UZB, ANVS, ANVS, PRZ, PDGK, PDGK, KOTS, KOTS, KOTS, BLB, MDOK, MDOK, MDOK, TNSS, TNSS, TNSS, ARXS, ARXS, ARXS, KDJ, MTBS, MTBS, MTBS.

Table with columns: NEW, YKA, ILAR, H1S2, H1S1, H1S3. Includes station names like Newport, Yellowknife Arr, Eielson Array, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy.

IDC 08 02:54:57.4±2.5, 19:57Sx70:31W, h0km, mb3.7/2, mbmp3.7/3, ML3.5/1, Error ellipse: s-maj=71.7km

NEIC 08 02:55:18.6±1.2, 18:09Sx07:05:69W, h0km, h124km, 5km, mb4.1/6, ML3.7(GUC), Error ellipse: s-maj=10.3km

GUC 08 02:55:19.8±0.7, 18:11Sx69:97W, h124km, 3km, ML3.7, Presumed earthquake

ISC 08 02:55:18.3±0.8, 18:11Sx07:04:00W, h127km, 5km, n59.9, f13/83, 6C-4D, Near coast of northern Chile

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chacalluta, Pisagua, IPOC Station P, etc.

Table with columns: BOAV, SNA, TOR, YKA, H1S2, H1S1, H1S3. Includes station names like Boa Vista, Sanae, Torodi Arr, Yellowknife Arr, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy.

NNC 08 02:59:58.7±3.8, 36:30Nx70:90E, h124km, 55km, mb3.1, mpv3.7, 7C, Error ellipse: s-maj=31.6km s-min=27.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Karatay Array, AAK, AAK, MK31, AB31, AKTO.

IDC 08 03:02:43.5±0.6, 22:51Nx144:81E, h0km, mb4.1/21, mbmp4.1/22, ML4.3/1, MS3.8/17, Error ellipse: s-maj=21.7km s-min=13.6km az=67.0

NEIC 08 03:02:45.8±1.6, 22:51Nx07:14:46E, h10km, 1km, mb4.5/9, Error ellipse: s-maj=25.2km s-min=15.7km

ISC 08 03:02:49.0±2.2, 22:52Nx109:144E, h10km, h35km, m66, o141/51, mb4.0/22, MS3.8/15, Volcano Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chichijima, Kuroka, Matsushiro Arr, MAJO, MAJO, MAJO, etc.

Table with columns: INK, KBL, NVAR, KBZ, FINES, FINES, PDAR, PDAR, NOA, NOA, BRTR, BRTR, PLCA, PLCA, PLCA, LPAZ, LPAZ. Includes station names like Inuvik, Kabul, Mina Arra, Khabaz, FINESS Array B, FINESS Array B, Pinedale Array, Malin Array, NSAR Array, Paso Flores, Paso Flores, La Paz, La Paz.

IDC 08 03:04:38.1±0.6, 39:16Sx46:24E, h0km, mb4.2/15, mbmp4.2/15, MS3.9/19, Error ellipse: s-maj=19.8km s-min=16.0km az=54.0

NEIC 08 03:04:39.4±1.8, 39:19Sx07:08:46E, h10km, 1km, mb4.6/23, Error ellipse: s-maj=18.6km s-min=13.5km az=49.0

ISC 08 03:04:39.6±1.4, 39:15Sx07:07:46E, h10km, n73, o894/58, mb4.4/20, MS3.9/19, Southwest Indian Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like CPCT Cooper Cave, NATX Nacogoches, TKL Tuckaleechee, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like MNTX, NBPS Pedro II - PI, P3BA Dawn, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like PLCA Paso Flores, PLCA Paso Flores, PLCA Belle Mtn. Jos, etc.

8d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Longmire, Green Mountain, Port Angeles, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TORO, ILSW, H2ZK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MORC, STEB, ANEA, etc.

IDC 08 03:32:6.0, 7.10, 53N:84.41W, h0km, mb4.0/11, mbtmp4.0/14, ML3.1/4, MS4.2/1, Error ellipse: s-maj=17.4km s-min=11.9km az=168.0...

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TRB2, NYURE, PALD, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Y52A, Y49A, 435B, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GSC, PSUT, GWY, etc.

2020 DEC

8d 3h

CATAC 08 03:49:16.4±0.5, 10°N, 3°8'5W, h5km±1km, M3.6/10, MLV3.6/10, Error ellipse: s-maj=7.5km s-min=3.5km a-z=26.4, confirmed

UCR 08 03:49:17.3±0.8, 9°68N-84°89W, h21km±2km, MW3.9, presumed earthquake

ISC 08 03:49:17.1±1.1, 9°63N, 0°04.84°W, h4386W±0.03, h14km±7km, n105, r110/113, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other data. Includes stations like PAQE, PAJE, PUNTARENAS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Te Maipa, Moikau Station, Matariki Terra, Arahi, Blackbirch Sta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Universidad Ad, Las Vizcachas, Pirque, Combarbal, Tunca, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PETK, Ganaly, Mys Kozlova, etc.

AFAD 08 04:51:12.5, 42.34N, 42.19E, h7km, 3km, ML2.0
NORS 08 04:51:12.7, 42.53N, 42.34E, h14km, MPV43.2
ISC 08 04:51:11.6, 1.4, 42.421N, 0.03, 42.26E, 0.05, h8km, 11km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEUR, Posof, DIGR, DBOC, AHAN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MT03, MT03, MT15, CO02, BO01, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PETK, GNL, MYK, etc.

SJA 08 04:58:16.1, 0.6, 32.76S, 72.49W, h43km, 6km, ML3.3, MW3.6

GUC 08 04:58:18.5, 0.8, 32.86S, 72.39W, h39km, 2km, ML3.3, Presumed earthquake

ISC 08 04:58:13.5, 1.8, 32.74S, 0.03, 72.55W, 0.06, h5km, 11km, n46, 1155/70, 10C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VA01, VA01, VA01, etc.

ICC 08 05:00:41.1, 1.2, 52.87N, 161.11E, h0km, mb3.7/7, mbtp3.7/8, ML3.2/1, Error ellipse: s-maj=29.8km

KRSC 08 05:00:42.0, 1.4, 52.46N, 160.92E, h52km, 24km, ML4.1, MOS 08 05:00:46.1, 1.4, 52.66N, 160.68E, h40km, mb4.5/2, Error ellipse: s-maj=7.9km, s-min=6.0km, az=127.3

ISC 08 05:00:45.2, 1.4, 52.50N, 0.05, 160.84E, 0.05, h42km, 15km, n71, 1121/88, mb3.6/8, 1C-1D, Off east coast of Kamchatka Peninsula

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

ICC 08 05:05:12.7, 0.9, 54.43N, 35.00W, h0km, mb3.6/10, mbtp3.6/12, ML3.8/2, MS3.6/10, Error ellipse: s-maj=26.3km, s-min=18.2km, az=177.0

NEIC 08 05:05:13.8, 2.0, 54.6N, 0.1, 35.0W, 0.1, h10km, 1km, mb4.6/44, Error ellipse: s-maj=17.7km, s-min=13.3km, az=190.0

ISC 08 05:05:13.6, 0.5, 54.51N, 0.10, 35.05W, 0.06, h10km, n73, 1150/65, mb4.5/30, MS3.5/10, Reykjanes Ridge

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

2020 DEC

Table with columns: MEDO, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like Medina, Midett array S, Vrancov, etc.

mb5.1/161, Error ellipse: s-maj=8.7km s-min=3.8km az=67.0
BKK 08 05:14:35.6, 0.5, 22.2, N4.4, 9.4E, h87km, mB5, 0/21, mB5.3/18, mb5.2/17, ML5.7/11, MLV5.6/21, Mw(mB)4.7/18, MwMwp4.0/2, MwP4.5/2
NDI 08 05:14:36.0, 2.1, 22.2, 15N:94.17E, h90km, mb5.0, ML4.7, Presumed earthquake
GCMT 08 05:14:37.4, 0.3, 22.2, 21N:0.02, 94.0E:0.02, h93km, 4km, MW4.9/87, Moment Tensor Solution, s1,c11; s87,c118; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.94; 10; Mw=2.12; 10; Ms=1.94; 10; Mh=0.88; 07; Mm=0.94; 10; Mw=1.02; 06; Best double couple: M2, 60500*10^16; NP1=123.00000; 859.00000; 1.180.00000; NP2= 213.00000; 890.00000; 1.310.00000; Principal axes: T 2.4660, Plg2.20000; Azm83.0000; N 0.2840, Plg59.0000; Azm214.0000; P -2.7440, Plg21.0000; Azm344.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 08 05:14:34.6, 0.3, 22.2, 13N:0.03, 94.30E:0.03, h92km, 2km, h92km; P-P, P-989, 0.145/1055, mb5.1/314, 37C-45D, Myanmar

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like MORE, Aizawl, BRDH, etc.

Table with columns: EVN, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like Everest, Son La, Gumba, etc.

IDC 08 05:09:57.9, 3.2, 53.3, 69N:88.16E, h0km, mbtmp2.9/3, ML2.3/3, Error ellipse: s-maj=24.7km s-min=18.1km az=78.0

ASRS 08 05:09:57.0, 1.0, 53.3, 60N:87.96E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, NNC 08 05:10:00.9, 5.3, 53.45N:87.87E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=40.3km s-min=23.5km az=63.0, Suspected Mining

ISC 08 05:10:01.6, 3.6, 53.5N:0.1, 87.8E:0.2, h0km, n8, 0.106/13, 5C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like ZALESOVO INFRA, ZAESOVO Array, etc.

Table with columns: CAL, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like Calcutta, Chiang Mai Arr, etc.

Table with columns: AKL, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like Akola, Lanzhou, New Delhi, etc.

BGR 08 05:14:31.4, 2.2, 66N:94.12E, h33km, mb5.1
BJI 08 05:14:33.4, 2.2, 19N:94.34E, h95km, mB5, 1/25, mb4.9/61
GFZ 08 05:14:35.3, 0.3, 22.2, N3.9, 9.4E, h91km, 2km, M5.0/96, mb5.2/96, Mw4.7/9

MOS 08 05:14:35.1, 0.9, 22.2, 17N:94.48E, h112km, mb5.2/66, Error ellipse: s-maj=8.3km s-min=3.1km az=123.7
IDC 08 05:14:35.4, 0.8, 22.2, 20N:94.33E, h95km, 6km, M4.6/28, mbtmp4.9/33, MS3.5/32, Error ellipse: s-maj=10.1km s-min=6.6km az=38.0

NEIC 08 05:14:35.4, 1.2, 22.2, 21N:0.03, 94.39E:0.06, h91km, 5km,

KHLT 08 05:14:35.1, 0.5, 22.2, 17N:94.48E, h112km, mb5.2/66, Error ellipse: s-maj=8.3km s-min=3.1km az=123.7
RAMN 08 05:14:35.4, 0.8, 22.2, 20N:94.33E, h95km, 6km, M4.6/28, mbtmp4.9/33, MS3.5/32, Error ellipse: s-maj=10.1km s-min=6.6km az=38.0

RAMN 08 05:14:35.4, 1.2, 22.2, 21N:0.03, 94.39E:0.06, h91km, 5km,

GAYA 08 05:14:35.4, 1.2, 22.2, 21N:0.03, 94.39E:0.06, h91km, 5km,

PSI 08 05:14:35.4, 1.2, 22.2, 21N:0.03, 94.39E:0.06, h91km, 5km,

PSI 08 05:14:35.4, 1.2, 22.2, 21N:0.03, 94.39E:0.06, h91km, 5km,

PSI 08 05:14:35.4, 1.2, 22.2, 21N:0.03, 94.39E:0.06, h91km, 5km,

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PSI Prapat, PALK Pallelete, RPSI Rantau Prapat, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AAA Alma-Ata, BJJ Beijing, OHH Osh, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KSRS Korea Array, WSAR Wadi Sarin, HOQ Hoq, etc.

8d 5h

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like EPOS, GURO, KBZ, NRK, etc.

2020 DEC

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like KZIT, OBN, MEEK, etc.

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Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like KLBR, MI29, LUBAR, etc.

Table with columns: LOT, Lotru, comp, Z, 61.08 311, P, P, 05 24 39.8 +0.7, MORC, Moravsky Berou, 64.98 316, eP, P, 05 25 05.6 +0.8, BBOO, Bucklebo, 67.64 143, P, P, 05 25 22.2 +0.4

Table with columns: MORC, Moravsky Berou, 64.98 316, eP, P, 05 25 05.6 +0.8, BBOO, Bucklebo, 67.64 143, P, P, 05 25 22.2 +0.4

Table with columns: BBOO, Bucklebo, 67.64 143, P, P, 05 25 22.2 +0.4, BBOO, Bucklebo, 67.64 143, P, P, 05 25 21.9 +0.1

Table of meteorological data for stations 8d 6h, including station name, coordinates, and various parameters like elevation and wind speed.

Table of meteorological data for stations under the heading '2020 DEC', including station name, coordinates, and various parameters.

Table of meteorological data for stations including PLCA Paso Flores, including station name, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Bozok Univ. Me, Yozgat, Kocaeli-Nevsheh, Keskin Array S, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Klokotos Trika, Korca, Leskovik, Thessaloniki, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Iriomote-Funau, Fushou, Hehuan Shan, etc.

8d 7h

Table of seismic data including station codes (TYV, TYV, TYV, etc.), magnitudes (pmax, smax), and times (07 05 26.5 +2.0, etc.).

2020 DEC

Table of seismic data including station codes (CO04, CO04, CO04, etc.), magnitudes (0.44, 0.44, 0.44), and times (07 07 31.7 +0.7, etc.).

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Table of seismic data including station codes (BO02, BO02, CFA, etc.), magnitudes (2.97, 2.81, 2.81), and times (07 08 35.2 -0.4, etc.).

8d 7h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like J47A Summer, SCIA State Center, ESJX Sierra Juarez, etc.

2020 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CASY Hardware Ranch, PMPB Monarch Peak, BGU Big Grassy Mountain, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ASAR comp=2.1,1nm,0.8s,baz=146,slow=2.3,SNR=9.1, ASAR comp=2.1,0nm,0.7s,baz=335,slow=3.2,SNR=11.1, etc.

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

IDC 08 07:14:16.01.4.52:10N:170.98E, h0km, mb3.1/3, mbmp3.2/4, ML2.9/1, Error ellipse: s-maj=53.3km s-min=14.6km az=2.0

KRSC 08 07:14:17.1.1.0.52:96N:170.80E, h62km, mb2km, ML4.2 MOS 08 07:14:18.2.0.3.53:17N:170.97E, h70km, mb3.9/1, Error ellipse: s-maj=30.0km s-min=8.6km az=15.4

NEIC 08 07:14:18.2.1.3.52:96N:0.05:171.03E:0.10, h10km, mb2km, mb3.6/5, Error ellipse: s-maj=12.4km s-min=6.0km az=131.0

ISC 08 07:14:18.4.0.1.8.53:0N:0.1:170.78E, h24km, n57, r193/63, mb3.3/6, Near Islands

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHEM Shemya Is, Ala, SHEM Shemya Is, Ala, SHEM Shemya Is, Ala, etc.

AEIC 08 07:24:38.7.1.5.54:55N:0.04:159.87W:0.07, h6km, g6km, Error ellipse: s-maj=7.3km s-min=5.3km az=138.0

NEIC 08 07:24:37.8.0.9.54:54N:0.06:159.77W:0.05, h19km, g1km, ML3.2/28, ML2.8(AEIC), Error ellipse: s-maj=9.4km s-min=4.4km az=178.0, South of Alaska

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNHG Veniaminof 1, CHGN Chignik, CHGN Chignik, etc.

AEIC 08 07:25:37.2.0.8.52:73N:0.05:168.21W:0.04, h25km, 7km, Error ellipse: s-maj=7.7km s-min=3.1km az=162.0

NEIC 08 07:25:35.9.0.6.36:22N:0.06:168.19W:0.04, h2km, mb1.0km, ML2.7/8, ML2.4(AEIC), Error ellipse: s-maj=8.8km s-min=2.3km az=160.0, Fox Islands

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

IDC 08 07:28:30.5.1.1.3:63S:29.03E, h0km, mb4.0/6, mbmp4.0/6, MS3.5/2, Error ellipse: s-maj=42.1km s-min=24.7km az=102.0

NEIC 08 07:28:31.1.1.5.3:60S:0.09:29.4E:0.1, h11km, 5km, mb4.3/10, Error ellipse: s-maj=14.8km s-min=12.8km az=95.0

ISC 08 07:28:30.6.0.7.3:60S:0.08:29.4E:0.08, h10km, n25, r193/26, mb4.2/6, Lake Tanganyika region

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, etc.

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHL1 Khalil Fars, KHL1 Khalil Fars, KHL1 Khalil Fars, etc.

Table with columns: HUMP, Col San Antoni, 1.04 220, Pn, 07 44 26.3 -1.8, etc.

Table with columns: IDC 08 07:48:21.3, 1.1, 22.54N, 144.96E, h0km, mb3.5/5, etc.

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

Table with columns: IDC 08 08:02:16.9, 12.0, 22.65N, 142.06E, h266km, 122km, etc.

Table with columns: IDC 08 08:03:22.0, 2.0, 30.77S, 177.58W, h0km, mb3.7/3, etc.

Table with columns: DNK 08 08:03:08.1, 4.2, 52.71N, 35.18W, h15km, Presumed earthquake, etc.

08 188.48251, 842.26436, 1-84.20504, NP2, 0.67390, 0.48, 0.0118, 1-95.24277, Principal axes: T 1.8306, etc.

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

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

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

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

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

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

Table with columns: FCC Fort Churchill, 31.77 302, P, P, 08 09 47.8 -0.1, etc.

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

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

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

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

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

Table of astronomical observations for 8d 8h, listing station names, coordinates, and observation details.

Main table of astronomical observations for 2020 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 350, including station names, coordinates, and observation details.

ASRS 08 15:30.0:2.6, 54:66N:83:66E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS FAS, 2022.

IDC 08 15:30.9:2.0, 54:64N:83:74E, h0km, mbmt2p.9,3, ML2.3/3, Error ellipse: s-maj=18.0km s-min=12.7km

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

ASRS 08 08:17:16.0:0.4, 48°N:2°E, h8km, MLh3.6/12,6C-2D, Error ellipse: s-maj=5.0km s-min=4.2km az=121.1, confirmed, Northern Xinjiang

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

Table with columns: VEH, Verkhnyaya Baz, 5.36, 5 Pg, Pg, 08 18 54.6 -4.0, etc.

NNC 08:08:27:39.4:7.37:11N:70.70E, h0km, mb3.4, mpv3.2, Error ellipse: s-maj=80.9km s-min=52.0km az=142.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, etc.

IDC 08:08:35:47.4:2.1, 20:25S:175:80W, h159km, 16km, mb3.7/6, mbmp4.2/9, Error ellipse: s-maj=24.9km s-min=16.8km az=138.0

NEIC 08:08:35:48.2:1.4, 20:2S:0:1:175:7W:0:1, h163km, 6km, mb4.4/20, Error ellipse: s-maj=19.9km s-min=13.7km az=177.0

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, etc.

NEIC 08:08:39:20.4:1.8, 22:27S:0:02:67:6W:0:1, h190km, 6km, mb4.3/17, ML4.3(GUC), Error ellipse: s-maj=14.6km s-min=1.9km az=96.0

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, etc.

comp=2.27nm,0.1s AC02 Maricunga 4.77 198 Pn Pn 08 40 31.4 +0.9 AC01 Pan de Azucar 4.79 216 eP Pn 08 40 29.2 -1.0

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, etc.

NEIC 08:49:55:5.1, 8.31:57N:0:10:104:4E:0:1, h10km, 1km, mb4.5/31, Error ellipse: s-maj=22.9km s-min=12.4km az=234.0

IDC 08:49:57:6:4.5, 31:60N:104:26E, h26km, 31km, mb3.9/14, mbmp4.0/17, ML3.6/2, Error ellipse: s-maj=22.4km s-min=12.7km az=70.0

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, Pn, I, L, R, A, M, B, O, S, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Katmai Knife C, NENANA, HAARP, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, Pn, I, L, R, A, M, B, O, S, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Romuvaara, Kurvinen, PUOLANKA, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, Pn, I, L, R, A, M, B, O, S, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Cha da Macela, BORG, EKA, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H1N2, H1N1, H1N3, etc.

IDD 08 12:17:01.8-0.6, 32.73N:139.12E, h196km, 6km, mb3.3/16, mbtmp3.8/18, MS3.6/3, Error ellipse: s-maj=25.4km, s-min=12.7km az=70.0

JMA 08 12:17:02.3-0.5, 33.1N:139.31E, h201km, 4km, MV3.6/34, NEAR HACHUJIMA ISLAND

NIED 08 12:17:02.3, 32.89N:139.34E, h201km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mrr=2.17, Mss=0.35, Mtt=1.81, Mtr=1.72, Mts=0.01, Mtr=5.94; Fault plane solution: M6.49000x10^14 NP1; P1=174.00000, S1=89.00000, N1=111.00000, NP2=15.00000, S2=89.46, mb3.5/16, Southeast of Honshu

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

IDD 08 12:42:12.6-2.9, 22.80N:12.02W, h0km, mb4.0/5, mbtmp3.9/6, ML3.5/1, Error ellipse: s-maj=89.1km, s-min=33.6km az=79.0

ISC 08 12:42:13.5-2.8, 22.82N:0.3x11.8W:0.5, h10km, n8, 0877/8, mb4.0/5, Mauritania

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

NIED 08 12:50:02.0, 37.02N:141.88E, h35km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mrr=2.46, Mss=1.19, Mtt=1.27, Mtr=2.09, Mts=0.13, Mtr=6.20; Fault plane solution: M6.79000x10^14 NP1; P1=174.00000, S1=89.00000, N1=111.00000, NP2=15.00000, S2=89.46, mb3.5/16, Southeast of Honshu

ISC 08 12:49:58.5-2.3, 36.32N:0.05x141.92E:0.08, h7km, n13, n70, 1179/61, mb4.0/21, MS3.1/3, Near east coast of eastern Honshu

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

CATAC 08 12:53:33.9-0.3, 14.1N:2.9W:0.2, h3km, 1km, M3.5/15, ML3.5/15, Error ellipse: s-maj=4.4km, s-min=2.9km az=31.5, confirmed

GCG 08 12:53:33.1-1.9, 14.08N:90.15W, h6km, 15km, MD3.8, Presumed earthquake

SNET 08 12:53:34.3-2.7, 13.99N:90.09W, h5km, ML3.3, Presumed earthquake

ISC 08 12:53:15.1-1.1, 14.11N:0.03x90.08W:0.03, h7km, n10km, n34, 1147/43, Guatemala

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

8d 13h

HEL 08 13:00:28.0 7.0, 3.59'00N:18:00E, h0km, ML2.0, Explosion

UPP 08 13:00:28.0 5.0, 2.58'99N:18:19E, h0km, ML2.2, Suspected explosion

DNK 08 13:00:29.3 1.1, 5.02'N:18:19E, h0km, Explosion

IDC 08 13:00:30.4 2.6, 5.04'N:18:06E, h0km, mbmtp.8/4, ML1.9/3, Error ellipse: s-maj=31.1km s-min=9.7km az=178.0

ISC 08 13:00:28.3 0.0, 7.59'00N:0:02.18:18E, 0:02, h0km, m36, r=1558/59, Baltic Sea

Table of seismic events for 8d 13h, listing station names, coordinates, phases, and times.

UCR 08 13:01:11.3 0.8, 11.19'N:85.97'W, h164km, 10km, MW3.6, Presumed earthquake

CATAC 08 13:01:11.5 0.7, 11.14'N:84.57'W, h173km, 4km, M3.0/7, MLV3.0/7, Error ellipse: s-maj=11.9km s-min=5.9km az=52.6, confirmed

ISC 08 13:01:11.5 3.1, 11.24'N:0:08.85'W, 0:11, h177km, 20km, m22, r=0663/29, Nicaragua

Table of seismic events for 13:01:11, listing station names, coordinates, phases, and times.

NEIC 08 13:11:52.6 1.6, 6.58'S:0:07.15'E, 0:08, h41km, 7km, mb4.5/30, Error ellipse: s-maj=11.6km s-min=9.6km az=56.0

IDC 08 13:11:58.3 1.4, 6.57'S:155.02'E, h101km, 12km, mb3.6/12, mbmtp.4/0.16, MS3.0/3, Error ellipse: s-maj=15.5km s-min=10.4km az=39.0

ISC 08 13:11:58.0 0.4, 6.57'S:155.04'E, 0:06, h100km, n59, r=0998/56, mb4.2/24, Bougainville-Solomon Islands region

Table of seismic events for 13:11:58, listing station names, coordinates, phases, and times.

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Main table of seismic events for 2020 DEC, listing station names, coordinates, phases, and times.

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Table of seismic events for 2020 DEC, listing station names, coordinates, phases, and times.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

SFS 08 13:38:19.9,36.92N;3.76W, h0km, ML3.8/20, ML3.7/20, ML3.7/20
MDD 08 13:38:19.4+0.2,36.96N;3.81W, h0km, mb_Lg3.6/28, Error ellipse: s-maj=1.8km s-min=1.5km az=159.0
INMG 08 13:38:20.0,1.3,36.98N;3.77W, h0km, KM3.2, Error ellipse: s-maj=1.7km s-min=1.7km az=170.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

8d 14h

Table with columns: AAK, Station Name, Azimuth, Phase ID, Time, Residual, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Karatay Array, Karagaybulak, Borolday, etc.

UCR 08 14:20:49.0-0.5, 8.44N, 82.98W, h21km, 1km, MW5.1, Fault plane solution: NP1: 300.00000, 850.00000, 1.90.00000...

CATAC 08 14:20:49.9-0.5, 9.9N, 4.8W, h10km, 1km, M4.9/19, ML4.9/19, Error ellipse: s-maj=8.1km s-min=2.8km az=11.8, Moment Tensor Solution. Moment tensor: Scale 10^15Nm...

RSNC 08 14:20:49.0-0.2, 9.2N, 2.8W, h0km, M4.6, mb4.7, mB5.1, ML4.1, Mw(mb)4.5, MwMwp4.6, MwP5.0

GFZ 08 14:20:50.0-0.2, 9.2N, 2.8W, h21km, M4.7/25, mb4.7/25, confirmed

UPA 08 14:20:50.6-1.5, 8.49N, 82.88W, h12km, 1km, MW4.7, Fault plane solution: NP1: 92.00000, 888.00000, 7.22.00000...

GFZ 08 14:20:50.9, 8.56N, 82.92W, h26km, Mw4.9, Moment Tensor Solution. Moment tensor: Scale 10^16Nm, M1: 1.76, M2: 0.81, M3: 0.95...

NEIC 08 14:20:51.3-1.7, 8.62N, 0.04, 82.95W, 0.04, h19km, 3km, mb4.7/66, Error ellipse: s-maj=7.0km s-min=4.9km az=149.0

IDC 08 14:20:52.9, 1.3, 8.52N, 82.97W, h47km, 13km, mb3.8/13, mbmp4.2/19, ML3.1/4, MS4.0/32, Error ellipse: s-maj=22.9km s-min=9.2km az=43.0

GCMT 08 14:20:53.0-0.4, 8.45N, 0.02, 83.00W, 0.03, h30km, MW4.9/83, Moment Tensor Solution. s40, c51, s83, c105; Duration: 0. Moment tensor: Scale 10^16Nm, M1: 2.67, M2: 1.8, M3: 1.54...

ISC 08 14:20:49.6-0.6, 8.48N, 0.02, 82.94W, 0.02, h18km, 2km, n346, 192/370, mb4.7/57, MS4.1/29, 10C-32D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, Station Name, Azimuth, Phase ID, Time, Residual. Lists numerous stations like CDITO Canoas, NELY Ciudad Neily, ARIEL Armuelles, etc.

2020 DEC

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like SAJE San Jeronimo, CNIE El Empalme, REME3 Remedios, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like PTAC Punta Arditia, CNGN Cerro Negro, CAPC Capurgana, etc.

Table with columns: ID, Name, Time, Location, Magnitude, Intensity, Direction, and other seismic parameters. Includes stations like PB18, PB12, PB16, etc.

Table with columns: ID, Name, Time, Location, Magnitude, Intensity, Direction, and other seismic parameters. Includes stations like TBI, SCO, IMAR, DAG, etc.

UCR 08 14:47:06.4±0.6, 8.45N-82.97W, h21km±2km, MW4.1, Presumed earthquake

UPA 08 14:47:06.2±1.2, 8.46N-82.99W, h23km±5km, MW3.8, Presumed earthquake

ISC 08 14:47:06.8±0.9, 8.47N-0.03-82:96W:0.02, h17km±8km, m6.0, r190173, 4C-19D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CDITO, NELY, NELY, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like VTCV, RESJ, ABRB, etc.

UCR 08 14:47:06.4±0.6, 8.45N-82.97W, h21km±2km, MW4.1, Presumed earthquake

UPA 08 14:47:06.2±1.2, 8.46N-82.99W, h23km±5km, MW3.8, Presumed earthquake

ISC 08 14:47:06.8±0.9, 8.47N-0.03-82:96W:0.02, h17km±8km, m6.0, r190173, 4C-19D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NELY, ARIEL, ARIEL, etc.

IDC 08 14:49:45.5-857.0, 55770N-2:66E, h0km, Error ellipse: s-maj=374.8km s-min=171.5km az=113.0, Time Res

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I26DE, I43RU, I31KZ, etc.

RSNC 08 14:53:11.9±0.6, 9°N:4°8'3W', h0km±7km, M4.4, mB5.5, mb4.4, ML3.1, Mw(mB)4.9

CATAC 08 14:53:11.9±0.7, 8°N:4°8'3W', h9km±2km, M4.8/16, ML4.8/16, Error ellipse: s-maj=9.9km s-min=3.9km

UCR 08 14:53:12.3±0.6, 8.45N-82.97W, h21km±2km, MW4.8, Presumed earthquake

IDC 08 14:53:12.0±0.8, 9°16'N:82°65'W, h0km, mb3.9/8, mbmp4.0/11, ML4.0/3, MS3.5/9, Error ellipse: s-maj=31.6km s-min=15.6km az=45.0

UPA 08 14:53:13.3±1.2, 8.48N-82.90W, h14km±1km, MW4.5, Presumed earthquake

NEIC 08 14:53:14.6±1.3, 8.62N:0.07-83°00'W:0.6, h21km±4km, mb4.7/54, Error ellipse: s-maj=9.1km s-min=5.0km az=210.0

ISC 08 14:53:12.6±0.6, 8.48N:0.02-82:96W:0.02, h18km±2km, n272, r1801296, mb4.5/46, MS3.6/2, C-48D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CDITO, I26DE, I43RU, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CDITO Canoas, NELY Ciudad Neily, NELY Ciudad Neily, FITO Gofitro, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ELVJ El Viejo (Barb), PEDAS Pedasi, VMAR Armenia, Volca, BCIP Isla Barro Col, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PDAR Pinedale Array, BW06 Boulder Array, EPLO Experimental L, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WARRAMUNGA ARR, CHIANG MAI ARR, ALICE SPRINGS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ZAKROS, NEAPOLIS, SIVAS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for THERA, SAMP3, CMBO, etc.

IDC 08 16:12:18.8±1.3, 12.47N-47.46E, h0km, mb3.7/10, mbtmp3.7/11, ML3.2/1, MS3.3/16, Error ellipse: s-maj=32.2km s-min=28.8km az=168.0

ISC 08 16:12:20.7±1.0, 12.4N, 02.474E, 0.1, h14km, n25, e0571/11, mb3.9/10, MS3.3/15, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ATD, ARCES, BVAR, etc.

IDC 08 16:35:39.7±1.6, 35.23N-9.35W, h0km, mb3.8/9, mbtmp3.9/11, ML4.6/3, MS3.0/3, Error ellipse: s-maj=27.4km s-min=15.9km az=76.0

NEIC 08 16:35:41.9±1.5, 35.14N, 0.06-9.3W, 0.1, h10km, 1km, mb4.5/17, Error ellipse: s-maj=17.2km s-min=9.0km az=259.0

SFS 08 16:35:44.8, 35.10N-9.34W, h38km, mb4.7/8, ML5.1/24, ML5.1/24, ML4.9/24

CNRM 08 16:35:44.8, 35.08N-9.31W, h43km, ML4.7, MDD 08 16:35:44.3, 35.07N-9.34W, h28km, 3km, Mb5.3/73, mb4.9/73, Error ellipse: s-maj=2.1km s-min=1.1km az=129.0

INMG 08 16:35:46.3±1.9, 35.12N-9.31W, h39km, ML4.3, Error ellipse: s-maj=2.4km s-min=1.3km az=111.0, #DIST_RANGE: REGIONAL #PMA_REGION: Mar de Marrocos

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PSVI, PLAGO, PVFI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PFVI, PPOR, PPRB, etc.

EMIN comp=N,4um, SNR=31

SICH Sidi Chahed 3.45 106 P Pn 16 36 36.3+2.3

EMIN comp=N,3um,0.3s 3.61 2 eP Pn 16 36 38.6+2.5

EMIN comp=N,3um,0.3s 3.61 2 eP Pn 16 36 37.2+2.2

EMIN comp=N,3um,0.3s 3.61 2 eP Pn 16 36 37.5+2.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for LIS, PSETU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRAC Vranov, MODS Modra-Piesok, TORO Torodi Arr, MORC Moravsky Berou, etc.

SJA 08 16:37:07.1±0.8,24.155±70.46W,h30km,6km,ML3.7, MW3.6

GUC 08 16:37:24.5±0.8,23.115±69.48W,h94km,4km,ML3.1, Presumed earthquake

ISC 08 16:37:23.3±1.4,23.125±69.52W±0.05,h104km,9km,n24,±15/42,4C-3D,Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB05 IPOC Station P, PB10 IPOC Station P, etc.

ISC 08 16:41:34.9±4.4,5.54S,129.43E,h336km,49km,mb3.3/3, mbmp4.2/5, Error ellipse: s-maj=108.4km s-min=13.1km az=72.0

ISC 08 16:41:31.6±1.2,5.54S,10.129±4E±0.2,h300km,n8, ±066/9,mb3.7/3,Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, FAKI Fak Fak, DRS Darwin Rock St, WRA Warramunga Arr, etc.

0.6nm,0.5s KURBB Kurchatov Arra 70.94 329 P P 16 52 16.7 0.0

0.7nm,0.5s,baz=128,slow=5.0,SNR=11 0.7nm,0.5s IDC 08 16:43:34.2±0.8,28.195±71.36W,h0km,mb3.7/3, mbmp3.7/7,ML3.8/4,MS3.2/2, Error ellipse: s-maj=24.2km s-min=14.7km az=67.0

SJA 08 16:43:35.9±0.8,28.165±71.52W,h33km,3km,ML4.2, MW4.1

NEIC 08 16:43:36.4±1.2,28.155±71.57W±0.05,h18km,2km, mb4.3/3,ML4.2(GUC), Error ellipse: s-maj=7.0km s-min=6.0km az=45.0

GUC 08 16:43:38.0±0.7,28.255±71.31W,h34km,1km,ML4.2, Presumed earthquake

ISC 08 16:43:35.2±1.7,28.185±70.03±71.47W±0.05,h9km,11km, n8,±140/100,mb4.1/4,4C-3D,Near coast of central Chile

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC04 Llanos de Chal, LCO Las Campanas, G003 Copiapo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CPBS Cacapava Do Su, RUSC La Rusia, SDV Santo Domingo, etc.

IDC 08 16:45:09.4±1.0,32.01N±95.16E,h0km,mb3.7/6, mbmp3.6/9,ML3.3/3,MS2.7/2, Error ellipse: s-maj=50.3km s-min=18.1km az=54.0

ISC 08 16:45:14.7±1.1,32.1N±0.2±95.3E±0.2,h35km,n11, ±058/9,mb3.9/5,Xizang

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

GII 08 16:52:01.7±0.0,35.042N±0.003±33.998E±0.001,h0km, Mms2.0, confirmed

ISC 08 16:52:02.2,35.100N±0.33±81E,h49km,ML2.54, mbmp3.6/5, Error ellipse: s-maj=108.4km s-min=13.1km az=72.0

ISC 08 16:52:02.5±1.6,35.09N±0.04±33.87E±0.04,h30km,15km, n12,±057/23,Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LFK Lefkose, CSS Mathiatis, WRA Warramunga Arr, etc.

NEIC 08 17:07:28.0±1.6,13.8N±0.1±145.45E±0.08,h102km,5km, mb4.4/31, Error ellipse: s-maj=15.1km s-min=10.7km az=164.0

IDC 08 17:07:27.6±1.2,13.85N±145.40E,h97km,7km,mb3.4/7, mbmp3.7/7,MS3.2/1, Error ellipse: s-maj=31.3km s-min=17.5km az=99.0

ISC 08 17:07:27.0±0.9,13.79N±0.09±145.4E±0.1,h105km,7km, n52,±091/51,mb4.3/23,Mariana Islands

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

Table with 5 columns: Station Name, Time, Az, P, R/I. Includes stations like LNYV01, LNYV03, UMUJ01, etc.

IDC 08 17:55:00.0-0.5, 6.23S:143.12E, h0km, mb4.5/16, mbmp4.6/23, MLL4.4/5, MS3.8/13, Error ellipse: s-maj=16.6km s-min=9.6km az=68.0...

NEIC 08 17:55:02.1+1.4, 6.35S:104.02E:0.07, h10km, mb4.8/62, Error ellipse: s-maj=11.8km s-min=10.3km az=228.0...

GFZ 08 17:55:03.0-0.2, 6.2S:143.3E, h10km, M4.7/28, mb4.8/28, Error ellipse: s-maj=5.4km s-min=4.9km az=52.0, confirmed

DJA 08 17:55:04.0-0.3, 6.3S:143.3E, h10km, M4.7/36, mb4.8/36, mB5.1/19, MLV5.8/Mw(MB)4.5/19, MwMwp5.5/1, MwP5.7/1

ISC 08 17:55:01.7-0.3, 6.36S:104.42E:98E:0.04, h10km, n183, r174/181, mb4.8/62, MS4.0/6, 1C-2D, New Guinea

Main station list table for the left column, including stations like Merauke, Jayapura, Genyem, Port Moresby, Sarmi, etc.

Main station list table for the middle column, including stations like GTOI, EDFI, KKSII, INKA, APSI, BKSII, KAPI, etc.

Main station list table for the right column, including stations like MKAR, MAKZ, PDGK, PRZ, KDJ, ASAI, KSHZ, ZAAO, ZALV, etc.

MOS 08 17:56:39.0-1.1, 15.83N:95.46W, h21km, mb5.5/30, MS5.0/14, Error ellipse: s-maj=8.7km s-min=5.7km az=92.3

MEX 08 17:56:41.4-0.7, 15.65N:95.41W, h53km, 12km, MD5.5, Presumed earthquake

GFZ 08 17:56:41.7, 16.00N:95.17W, h39km, Mw5.4/19, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; ...

NEIC 08 17:56:42.3-1.9, 16.01N:0.04-95.23W:0.04, h29km, 3km, mb5.4/517, Ms 5.0/199, MwB5.3/16, MwV5.4/49, ...

NEIC 08 17:56:42.5-0.6, 16.1N:3.9S:143.1E, h31km, 6km, M5.3/13, MwMwp4.7/6, MwP5.0/6, Moment Tensor Solution. ...

NEIC 08 17:56:44.2-0.1, 16.09N:95.22W, h25km, Catac 08 17:56:43.5-0.6, 16.1N:3.9S:143.1E, h31km, 6km, M5.3/13, ...

NEIC 08 17:56:45.6-0.5, 15.8N:9.5W, h0km, M5.1, mbB5.6, mb5.1, Mw(MB)5.0, MwMwp5.1, MwP5.3, ...

NEIC 08 17:56:46.6-1.8, 15.82N:95.28W, h53km, 14km, mb4.6/30, mbmp4.9/34, MLL5.0/3, MS4.7/63, Error ellipse: ...

GCMT 08 17:56:44.2-0.1, 15.82N:0.01-95.25W:0.01, h32km, Mw5.5/152, Moment Tensor Solution. ...

NEIC 08 17:56:46.1-0.3, 15.85N:0.02-95.38W:0.02, h32km, 2km, h32km, PP-P, N152, c280/1029, mb5.3/398, MS4.9/176, ...

NEIC 08 17:56:44.7-0.1, 16.1N:3.9S:143.1E, h43km, M5.2/106, mb5.2/106

RSNC 08 17:56:45.6-0.5, 15.8N:9.5W, h0km, M5.1, mbB5.6, mb5.1, Mw(MB)5.0, MwMwp5.1, MwP5.3, ...

ISC 08 17:56:41.4-0.3, 15.85N:0.02-95.38W:0.02, h32km, 2km, h32km, PP-P, N152, c280/1029, mb5.3/398, MS4.9/176, ...

8d 17h

Table with columns: Code, Station Name, Δ, AZ, Phase ID, ISC, Time Res, h m s, ISC, Op. Rows include stations like Huatulco, Matulco, Huatulco Romero, etc.

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Table with columns: YAIG, PLIG, PLIN, PLAT, etc. Rows include stations like Platanillo, Coahuila, San Francisco, etc.

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Table with columns: GTIG, COMA, CEGR, etc. Rows include stations like Gomez Farias, Comala, Campo Tres, etc.

TPB05	Hovey Rd	16.67 336	I	Amb	I	Amb	18 00 37.3
TREY	Terrill	16.82 358	P	Pn			18 00 33.9 -0.7
STGL	Sterling City	16.83 349	I	Amb			18 00 37.9
MNHN	Monahans	16.83 338	I	Amb			18 00 39.5
TPB01	Permian Basin	16.88 334	I	Amb			18 00 39.9
VBMS	Vicksburg	16.89 14	P	P			18 00 33.9 -1.5
TMB01	Midkiff	16.90 340	P	Pn			18 00 36.4 +0.8
BRAL	Brewton	17.05 25	P	P			18 00 36.5 +0.9
229A	Bryant Ranch	17.09 341	I	Amb			18 00 44.8
451A	Vernon	17.15 29	P	P			18 00 36.7 -1.9
451A		17.17 11	P	Pn			18 00 37.0 -1.8
143A	Soos Landing	17.23 80	P	P			18 00 40.3 +0.5
MTHD	Mount Denham	17.23 80	P	Pn			18 00 41.4 +0.9
VHRN	Van Horn	17.28 331	P	P			18 00 40.5 -2.0
553A	Crawfordsville	17.46 33	P	P			18 00 43.0 +0.3
ODSA	Odesa	17.47 339	P	I	Amb		18 00 48.5
Z35A	Perchaven, San	17.49 355	I	Amb			18 00 47.3
241A	Richland Creek	17.49 7	P	Pn			18 00 41.6 -1.3
CCCC	Cccc	17.53 70	i	P			18 00 46.4 +2.1
146A	Union	17.68 18	I	Amb			18 00 42.3 +2.9
146A		18 00 49.7					
129A	Stewart Farms	17.72 342	I	Amb			18 00 51.0
DWPF	Disney Wildern	17.76 44	P	Pn			18 00 42.5 -3.8
DWPF		18 00 51.2					
060A	Indiantown	17.85 49	P	Pn			18 00 44.9 -2.5
060A		18 00 52.9					
TPB11	China Draw	17.85 335	I	Amb			18 00 51.9
SN07	Snyder 07	17.88 345	P	Pn			18 00 47.6 -0.1
SNL07		18 00 50.0					
WLOR	White Oak Lake	17.88 6	I	Amb			18 00 54.3
128A	Castleberry Fa	17.90 340	P	Pn			18 00 48.2 +0.1
656A	Williston	17.92 39	P	Pn			18 00 45.2 -3.0
APMT	Aspermont	17.93 347	I	Amb			18 00 51.0
POST	Post	18.02 343	I	Amb			18 00 52.1
WTF5	Witchita Falls	18.06 352	P	Pn			18 00 50.1 +0.2
WTF5		18 00 54.0					
352A	Blakely	18.25 30	P	I	Amb		18 00 49.5 -2.7
352A		18 00 55.6					
CCAR	Cane Creek	18.29 10	P	P			18 00 50.8 -1.8
CCAR		18 00 56.4					
DKNS	Dickens	18.44 345	I	Amb			18 00 56.8
Z47A	Carrollton	18.50 20	P	P			18 00 53.1 -1.9
YAR	Yar	18.63 73	i	P			18 00 58.7 +1.8
MUAR	Mount Ida	18.69 5	I	Amb			18 00 58.8
GIB9	Guaymas	18.70 312	eP	Pn			18 01 00.8 +3.1
Y45A	Yeager Farm, C	18.70 15	I	Amb			18 01 04.7
TIGA	Tifton	18.89 33	P	I	Amb		18 00 57.8 -1.4
TIGA		18 01 01.4					
WMOK	Wichita Mounta	19.06 351	I	Amb			18 01 14.1
MSTX	Muleshoe	19.24 341	P	P			18 01 03.4 +0.2
SRIG	Santa Rosalia	19.37 309	P	Pn			18 01 05.9 +0.1
SRIG	Santa Rosalia	19.37 309	P	Pn			18 01 08.2 +2.3
HSIG	HSIG	19.44 315	P	Pn			18 01 07.0 +0.3
HSIG		18 01 12.7					
NZIG	Nacozari, Sono	19.44 321	P	Pn			18 01 09.3 +2.5
NZIG	Nacozari, Sono	19.44 321	eP	Pn			18 01 09.3 +2.5
WHAR	Woolly Hollow	19.56 8	I	Amb			18 01 08.6
SABCS	La Quijada	19.59 74	i	P			18 01 05.7 -1.4
Y49A	Blount Mountai	19.68 23	P	P			18 01 05.1 -2.7
AMTX	Amarillo	19.79 345	I	Amb			18 01 14.7
NMDO	Nuevo Mundo	19.93 73	P	P			18 01 08.7 -2.0
APAC	Apartado, Choc	20.05 111	P	Pn			18 01 16.8 +3.3
154A	Montrose	20.07 32	P	P			18 01 11.4 -0.8
154A		18 01 16.8					
121A	Cookes Peak, D	20.07 328	I	Amb			18 01 21.2
HBAR	Harrisburg	20.08 11	I	Amb			18 01 18.1
PH02	Texas Public H	20.33 344	I	Amb			18 01 20.1
LCAR	Lake Charles	20.49 10	I	Amb			18 01 28.0
SJCC	San Jacinto, C	20.55 104	P	Pn			18 01 22.4 +2.4
SJCC	San Jacinto, C	20.55 104	P	Pn			18 01 19.9 -0.1
GNAR	Gosnell	21.00 12	I	Amb			18 01 22.2
HALT	Halls	20.70 14	I	Amb			18 01 19.8
DBBC	Dabeiba	20.72 113	P	Pn			18 01 22.1 +0.2
CRNM	Carthage	20.73 332	I	Amb			18 01 20.2 +0.7
CRNM	Lenox	20.85 14	I	Amb			18 01 20.9
UREC	San Jos de Ur	21.01 110	P	P			18 01 23.6 +1.1
GC02	Grant County #	21.04 354	P	P			18 01 21.9 -0.7
GLAT	Glass	21.05 14	I	Amb			18 01 34.6
SWET	Sewanee	21.07 22	I	Amb			18 01 21.8
SMRC	Santa Marta, M	21.08 100	P	P			18 01 22.6 -0.7
BAHB	Baha de los	21.23 311	P	P			18 01 28.8 +4.0
BAHB	Baha de los	21.23 311	eP	P			18 01 28.8 +4.0
WWT	Waverly	21.30 17	P				18 01 22.8 -2.6
WWT		18 01 22.8					
WWT		18 01 22.8					
HICK	Hickman	21.33 14	P	P			18 01 23.2 -2.5
HICK		18 01 43.5					
PARMO	Parma	21.33 13	I	Amb			18 01 26.6
CB0C	Ciudad Bolivar	21.43 115	P	P			18 01 25.1 -2.1
ANMO	Albuquerque	21.46 334	P	P			18 01 30.0 +2.6
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 36.1
ANMO	Albuquerque	21.46 334	P	P			18 01 36.2
TUC	Tucson	21.55 322	P	P			18 01 30.0 +1.7
TUC		18 01 36.2					
TUC		18 01 22.8					
TUC		18 01 44.1					
HICK	Hickman	21.33 14	P	P			18 01 23.2 -2.5
HICK		18 01 43.5					
PARMO	Parma	21.33 13	I	Amb			18 01 26.6
CB0C	Ciudad Bolivar	21.43 115	P	P			18 01 25.1 -2.1
ANMO	Albuquerque	21.46 334	P	P			18 01 30.0 +2.6
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 36.1
ANMO	Albuquerque	21.46 334	P	P			18 01 36.2
TUC	Tucson	21.55 322	P	P			18 01 30.0 +1.7
TUC		18 01 36.2					
TUC		18 01 22.8					
TUC		18 01 44.1					
HICK	Hickman	21.33 14	P	P			18 01 23.2 -2.5
HICK		18 01 43.5					
PARMO	Parma	21.33 13	I	Amb			18 01 26.6
CB0C	Ciudad Bolivar	21.43 115	P	P			18 01 25.1 -2.1
ANMO	Albuquerque	21.46 334	P	P			18 01 30.0 +2.6
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 36.1
ANMO	Albuquerque	21.46 334	P	P			18 01 36.2
TUC	Tucson	21.55 322	P	P			18 01 30.0 +1.7
TUC		18 01 36.2					
TUC		18 01 22.8					
TUC		18 01 44.1					
HICK	Hickman	21.33 14	P	P			18 01 23.2 -2.5
HICK		18 01 43.5					
PARMO	Parma	21.33 13	I	Amb			18 01 26.6
CB0C	Ciudad Bolivar	21.43 115	P	P			18 01 25.1 -2.1
ANMO	Albuquerque	21.46 334	P	P			18 01 30.0 +2.6
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 36.1
ANMO	Albuquerque	21.46 334	P	P			18 01 36.2
TUC	Tucson	21.55 322	P	P			18 01 30.0 +1.7
TUC		18 01 36.2					
TUC		18 01 22.8					
TUC		18 01 44.1					
HICK	Hickman	21.33 14	P	P			18 01 23.2 -2.5
HICK		18 01 43.5					
PARMO	Parma	21.33 13	I	Amb			18 01 26.6
CB0C	Ciudad Bolivar	21.43 115	P	P			18 01 25.1 -2.1
ANMO	Albuquerque	21.46 334	P	P			18 01 30.0 +2.6
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 36.1
ANMO	Albuquerque	21.46 334	P	P			18 01 36.2
TUC	Tucson	21.55 322	P	P			18 01 30.0 +1.7
TUC		18 01 36.2					
TUC		18 01 22.8					
TUC		18 01 44.1					
HICK	Hickman	21.33 14	P	P			18 01 23.2 -2.5
HICK		18 01 43.5					
PARMO	Parma	21.33 13	I	Amb			18 01 26.6
CB0C	Ciudad Bolivar	21.43 115	P	P			18 01 25.1 -2.1
ANMO	Albuquerque	21.46 334	P	P			18 01 30.0 +2.6
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 29.1 +1.7
ANMO	Albuquerque	21.46 334	P	P			18 01 36.1
ANMO	Albuquerque	21.46 334	P	P			18 01 36.2
TUC	Tucson	21.55 322	P	P			18 01 30.0 +1.7
TUC		18 01 36.2					
TUC		18 01 22.8					
TUC							

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like K57A Scipio Center, PNTR Pine Nut, MHC Mount Hammon, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like PB14 IPOC Station P, BBSD Serra de San D, BLKN Baker Lake, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like BIO2 San Fabin de, BIO2 comp=Z,52nm,1.2s, BIO2 comp=Z,969nm,22.0s, etc.

Table with columns for station name, frequency, polarization, power, and other parameters. Includes stations like ISOG, KULLO, LL02, ANGG, RCBR, PPT, IMAR, etc.

Table with columns for station name, frequency, polarization, power, and other parameters. Includes stations like PVIS, PSAR, PVRL, MORF, PLOUS, PARRA, MESJ, etc.

Table with columns for station name, frequency, polarization, power, and other parameters. Includes stations like NB2, NOA, BMOL, CEST, BMRD, BOPT, BCLA, BCLA, RCHB, etc.

8d 17h

Table with columns for station ID, name, frequency, and other technical details. Includes stations like GRA1, GRA2, GRA3, TUE, TUE, TUE, etc.

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Table with columns for station ID, name, frequency, and other technical details. Includes stations like OSTC, OSTC, OSTC, MOA, MOA, MOA, etc.

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Table with columns for station ID, name, frequency, and other technical details. Includes stations like AKASG, AKKB, AKKB, OBN, OBN, OBN, etc.

Table with columns: BLDU, MORW, MORW, IPoh, IPM, IPM, FMBI, PSI, PSI, RPSI, RPSI. Includes station names, coordinates, and other identifiers.

IDC 08 18:30:52.4+4.6, 47.45N:92.83W, h0km, mbtmp2.8/2, ML2.0/2, Error ellipse: s-maj=97.1km s-min=36.0km az=54.0

NEIC 08 18:30:53.0+0.6, 47.61N:0.05:92.67W:0.06, h0km:2km, mb_Lg2.9/16, ML3.1/12, Error ellipse: s-maj=8.3km

ISC 08 18:30:52.5+1.0, 47.56N:0.05:92.64W:0.05, h0km, n22, o=68/22, Minnesota

Main station data table for the left side, columns include Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

HVO 08 18:55:04.5+0.9, 19.35N:0.04:155.27W:0.04, h28km, 1km, Error ellipse: s-maj=6.5km s-min=5.2km az=185.0

NEIC 08 18:55:02.6+1.1, 19.36N:0.02:155.28W:0.02, h36km, 1km, ML4.2/40, ML3.4/23(HVO), Error ellipse: s-maj=3.3km s-min=2.4km az=157.0, Hawaiian Islands

Main station data table for the left side (continued), columns include Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

AUST 08 19:52:31.6+0.4, 20.3S:13.4E:4.1, h10km, mb3.5/8, ML2.7/10, Mwps7.1, Error ellipse: s-maj=7.2km s-min=6.9km az=86.0, confirmed, Northern Territory

Main station data table for the left side (continued), columns include Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table with columns: STCH, STCH, STCH, STCH, STCH, STCH, STCH, STCH, STCH, STCH. Includes station names and coordinates.

comp=E,57um,0.2s

comp=N,18um,0.4s

comp=N,15um,0.2s

Main station data table for the middle side, columns include Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

comp=N,13um,0.6s

comp=N,17um,0.5s

comp=N,13um,0.6s

comp=N,12um,0.4s

comp=N,17um,0.4s

comp=E,16um,0.4s

comp=N,12um,0.3s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

comp=N,17um,0.4s

Table with columns: QIS, QIS, QIS, QIS, QIS, QIS, QIS, QIS, QIS, QIS. Includes station names and coordinates.

comp=Z,7.7nm,2.1s,comp=Z,0.0nm

comp=Z,2.8nm,2.4s,comp=Z,0.0nm

comp=Z,3.7nm,2.4s,comp=Z,0.0nm

comp=Z,3.7nm,2.4s,comp=Z,0.0nm

comp=Z,3.3nm,1.2s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

comp=Z,1.8nm,1.1s,comp=Z,0.0nm

8d 21h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURBS Kurchatov Arra.

SJA 08 20:39:00.7 1.3 22.48S:67.81W, h160km, ML3.6, MW3.5
SCB 08 20:39:00.1 1.5 22.46S:67.75W, h159km, 21km, ML3.6/3,
Error ellipse: s-maj=8.4km s-min=6.0km az=1.0
GUC 08 20:39:01.0 0.7 22.46S:67.99W, h187km, 7km, ML3.7,
Presumed earthquake

ISC 08 20:38:58.8 1.5 22.46S:004.67.79W:0.07,
h182km, 14km, n45, c1920/66, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB09, PB06.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB03, PB07.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB01, PB07.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB01, PB07.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB02, PB02.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB02, PB02.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB10, PB10.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB14, PB14.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PSGCX, PSGCX.

TEH 08 20:50:21.5, 35.06N:46.06E, h5km, ML2.9, Presumed earthquake
ISC 08 20:50:21.8 0.5, 35.07N:46.11E, h18km, 50km, ML2.9,
Presumed earthquake

ISC 08 20:50:23.4 1.1, 35.04N:004.45.99E:0.05, h10km, n18,
c195/21, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDHR, IGHG, SNJK.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IKRK, ILBA, MAHB.

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Table with columns: ISRB, Sarab, ISHB, Shabestar, IHRS, Heris. Includes values for 3.09, 3.25, 3.25, 3.55, 3.38, 1.44.

ISC 08 20:55:15.1 0.3, 32.99N:45.91E, h10km, ML2.4,
Presumed earthquake
TEH 08 20:55:16.0, 32.99N:45.99E, h10km, 109km, ML2.5,
Presumed earthquake

ISC 08 20:55:16.0 0.3, 33.00N:02.46.0E:0.1, h5km, 16km, n8,
c1524/9, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IBDR, ILBA, IGHG.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IBDR, ILBA, IGHG.

ISC 08 21:14:15.9 2.2, 1.03N:126.82E, h0km, mb3.3/3,
mbtmp3.4/3, Error ellipse: s-maj=173.9km
s-min=28.0km az=65.0, Northern Molucca Sea

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, STKA, WRA.

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

ISC 08 21:48:47.9 1.9, 58.94N:154.75W, h122km, 30km, mb3.2/2,
mbtmp3.7/5, Error ellipse: s-maj=35.0km s-min=25.3km
az=114.0

NEIC 08 21:48:49.3 0.7, 58.91N:004.154.58W:0.08,
h132km, 5km, mb3.6/4, ML3.2/112, ML3.2(AEIC), Error
ellipse: s-maj=5.8km s-min=5.6km az=131.0
AEIC 08 21:48:50.4 0.8, 58.90N:004.154.58W:0.07,
h129km, 5km, Error ellipse: s-maj=5.7km s-min=5.5km
az=80.0

ISC 08 21:48:48.6 0.7, 58.94N:004.154.53W:0.03,
h140km, 6km, n176, c1906/182, Alaska Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Q18K, Q18K, KAHH.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARR, Q19K, Q19K.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAWH, P18K, P18K.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like O19K, O19K, O19K.

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Table with columns: N19K, Bonanza Creek, O16K, BRLL, BRLL, BRLL, BRLL.

Table with columns: N17K, Nushagak Hills, N17K, Nushagak Hills, R16K, Pilot Point.

Table with columns: R16K, Pilot Point, SII, Sitkinak Island, SII, Sitkinak Island.

Table with columns: SII, Sitkinak Island, SII, Sitkinak Island, SII, Sitkinak Island.

Table with columns: O15K, Sitkinak Island, O15K, Sitkinak Island, O15K, Sitkinak Island.

Table with columns: O15K, Sitkinak Island, O15K, Sitkinak Island, O15K, Sitkinak Island.

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Table with columns: O15K, Sitkinak Island, O15K, Sitkinak Island, O15K, Sitkinak Island.

Table with columns: O15K, Sitkinak Island, O15K, Sitkinak Island, O15K, Sitkinak Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Honhosha River, Clear Creek Bu, Harding Lake, etc.

TRN 08 21:56:30.0, 10:30N-62:16W, h12km, MD3.4, Gulf of Paria.

FUNV 08 21:57:01.3, 10:06N-61:70W, h100km, MW3.6, Presumed earthquake

ISC 08 21:57:04.7, 2.6, 10:22N-01:62:0W-0.1, h47km, 53km, n12, c1507/19, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DMDM, TRN, GRGR, etc.

ISC 08 22:11:10.4, 0.8, 8:01S-158:84E, h0km, mb4.0/1, mbmp4.0/11, Error ellipse: s-maj=22.2km s-min=17.0km az=62.0

ISC 08 22:11:17.5, 0.7, 8:10S:0:10:159:0E:0.1, h55km, n20, c1971/15, mb4.0/11, Bougainville-Solomon Islands region

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

0.7nm, 0.6s, baz=101, slow=7.7, SNR=4.3, 0.7nm, 0.6s

IDC 08 22:18:54.9, 2.4, 6:21S-142:82E, h0km, mb3.6/2, mbtmp3.7/5, ML3.3/3, MS3.2/2, Error ellipse: s-maj=57.6km s-min=18.6km az=86.0, New Guinea

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

IDC 08 22:33:18.0, 1.0, 7.62:18N:151:11W, h118km, 28km, mb3.6/8, mbtmp3.9/12, MS3.4/3, Error ellipse: s-maj=40.7km s-min=14.7km az=119.0

NEIC 08 22:33:18.1, 1.2, 6:23:37N:0:03:151:52W:0:07, h102km, 4km, mb3.8/6, ML3.4/194, ML3.2(AEIC), Error ellipse: s-maj=4.9km s-min=4.8km az=57.0

AEIC 08 22:33:19.7, 1.5, 6:23:37N:0:03:151:50W:0:07, h97km, 5km, s-maj=4.9km s-min=4.8km az=48.0

ISC 08 22:33:18.0, 0.7, 6:23:38N:0:03:151:48W:0:03, h105km, 6km, n233, c193/244, mb3.9/11, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKT, SKI, CUT, etc.

ISC 08 22:33:18.0, 0.7, 6:23:38N:0:03:151:48W:0:03, h105km, 6km, n233, c193/244, mb3.9/11, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAST, L20K, SPCG, etc.

ISC 08 22:33:18.0, 0.7, 6:23:38N:0:03:151:48W:0:03, h105km, 6km, n233, c193/244, mb3.9/11, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FIS, WAT1, RC01, etc.

SCM comp=E,356nm,0.5s IAML 22 34 26.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RED, O22K, O22K, etc.

2020 DEC

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn. Includes stations like O16K Kokwok River B, G23K Bananza Creek, etc.

Table with columns: Code, Station Name, Time, Az, El, Pn, Res. Includes stations like SONM Songoing Array, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Time, Az, El, Pn, Res. Includes stations like COLC Colonia, HORNC Hornillas, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like SCHQ Schefferville, BDFB Brasilia, YKAW1 Yellowknife Wh, etc.

ISK 08 22:43:16.1, 37°80'N, 37°34'E, h2km, ML3.6/19
AFAD 08 22:43:16.5, 37°82'N, 37°32'E, h5km, 1km, MWJ.6
ISC 08 22:43:16.4, 1.1, 37.81N, 0.02-37.35E, 0.02, h6km, 11km, n40, c084/54, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like AKCA Akakaya, GIB, KAHH Kahramanmaras, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like ILIC ilic-Erzincan, KARATAS Karatas, KARACAYIR Karacayir, etc.

TEH 08 22:52:46.8, 34°38'N, 46°09'E, h10km, 66km, ML2.9
Presumed earthquake
ISC 08 22:52:47.5, 0.7, 34°39'N, 46°08'E, h19km, 52km, ML2.9

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like IGHG Ghaleghazi, IDHR Dehrash, ILSA Ilam Barvizeh, etc.

IDC 08 22:53:41.4, 1.2, 38°32'N, 109°14'W, h0km, mb3.0/1, mbtmp3.9/3, ML4.0/1, Error ellipse: s-maj=15.7km s-min=10.1km az=58.0

UUSO 08 22:53:42.5, 0.9, 38°27'N, 0°01', h108°923W, 0°009, h0km, 2km, Error ellipse: s-maj=1.7km s-min=1.0km az=163.0

NEIC 08 22:53:42.1, 0.7, 38°26'N, 0°01', h108°93W, 0°01, h5km, 1km, ML3.7/10.6, 32.1/14(UUS), Error ellipse: s-maj=1.5km s-min=1.2km az=219.0

ISC 08 22:53:42.0, 0.8, 38°25'N, 0°02', h108.95W, 0°02, h6km, 5km, n80, c1505/89, Colorado

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like PV17 East Wray Mesa, PV18 Skein Mesa, PV16 Nyswonger Mesa, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like EMUT Emma Park, ELU Electric Lake, SNO Snow College, etc.

ISC 08 23:20:42.4, 3.8, 12°05'N, 145°36'E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=165.8km s-min=16.9km az=82.0, South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like T25A Trinidad, ANMO Albuquerque, ANMO Albuquerque, etc.

IDC 08 23:20:42.4, 3.8, 12°05'N, 145°36'E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=165.8km s-min=16.9km az=82.0, South of Mariana Islands

IDC 08 23:27:52.9, 2.1, 26°03'S, 177°4W, 0.2, h159km, 8km, mb4.4/15, Error ellipse: s-maj=22.1km s-min=5.1km az=102.0

IDC 08 23:27:54.2, 1.9, 26°10'S, 177°63'W, h164km, 14km, mb3.7/7, mbtmp4.3/9, Error ellipse: s-maj=24.1km s-min=15.8km az=69.0

ISC 08 23:27:53.0, 0.6, 26°09'S, 0°06', 177°4W, 0.1, h161km, n57, c1875/49, mb4.3/7, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

8d 23h

Table with columns: Code, Station Name, Az, Op, ISC, Phase ID, Time Res, Res. Includes stations like CNGZ Carnagh Station, TKGZ Te Karaka, URZ Urewera, etc.

MOS 08 23:33:30.3±1.2, 28.28S×176.28W, h10km, mb5.5/27, MS5.3/14, Error ellipse: s-maj=9.1km s-min=8.9km az=109.0

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

2020 DEC

Main table with columns: NIUE Niue, NIUE Niue, NIUE Niue, etc. Includes stations like NIUE Niue, NIUE Niue, NIUE Niue, etc.

376

Table with columns: YNG Young, YNG Young, YNG Young, etc. Includes stations like YNG Young, YNG Young, YNG Young, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Level. Includes stations like SBA Scott Base, VDA Vanda, and MAJ Matusushiro.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Level. Includes stations like MJAR Matusushiro, MAJ Matusushiro, and MAJO Matusushiro.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Level. Includes stations like GWY Greenwater Val, FURC Furnace Creek, and MPK Martis Peak.

8d 23h

Table of flight data for 8d 23h, listing destinations like TIA, TAI, G08A, TXAR, etc., with columns for flight number, time, status, and other details.

2020 DEC

Table of flight data for 2020 DEC, listing destinations like SEY, CHTO, SALTA, DLBC, etc., with columns for flight number, time, status, and other details.

378

Table of flight data for 378, listing destinations like AAK, BTK, TRKS, etc., with columns for flight number, time, status, and other details.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MUD, LUBAR, LUNU, COP, BSD, etc.

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

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

SDD 08 23:45:53.2, 0.19, 10N-67.69W, h0km, 6km, MD3.2, ML3.0, MW2.9, Presumed earthquake

RSPR 08 23:45:54.3, 19.07N-67.72W, h3km, 2km, MD3.6/13

OSPL 08 23:45:54.3, 1.0, 19.04N-67.71W, h5km, 5km, ML3.1, Presumed earthquake

NEIC 08 23:45:55.4, 1.3, 18.90N-0.05, 67.66W-0.03, h28km, 10km, ML3.2/41, MD3.6/13(RSPR), Error ellipse: s-maj=7.7km s-min=1.3km az=207.0

ISC 08 23:45:51.7, 1.4, 19.08N-0.06, 67.65W-0.02, h4km, 10km, n56, o767/78, 22C-12D, Mona Passage

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

PRU 08 23:52:25.6, 50.29N-18.80E, h0km, Poland

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

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like IDE Isla Descecho, AGPR Aguadilla, and various other seismic stations.

IDC 09 01:21:04.7-2.3, 24.175x179.71W, h452km, 25km, mb3.2/8, mbtp4.1/11, Error ellipse: s-maj=23.9km s-min=16.8km az=80.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, MSFV Nonsavu, and others.

Table with columns: URZ Urewera, URZ Urewera, MWZ Matawai, etc. Includes stations like URZ Urewera, MWZ Matawai, and others.

OSPL 09 01:25:57.0-1.3, 18.17N, 71.24W, h20km, 8km, ML2.6, Presumed earthquake

IDC 09 01:25:57.0-1.3, 18.17N, 71.24W, h20km, 8km, ML2.6, Presumed earthquake

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like PODR Polo, LODOU EI Espartillar, and others.

NEIC 09 01:33:02.5-1.0, 22.57N, 0.04E, 144.5E, 0.2, h10km, 1km, mb4.2/7, Error ellipse: s-maj=33.2km s-min=7.0km az=91.0

IDC 09 01:33:08.6-6.2, 22.46N, 144.30E, h59km, 57km, mb3.5/13, mbtp3.8/14, MS3.6/3, Error ellipse: s-maj=32.8km s-min=18.6km az=64.0

IDC 09 01:33:05.2-0.9, 22.44N, 144.4E, 0.2, h33km, n31, n9, 0884/17, 7C-2D, Dominican Republic region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like JGF Kuroka, MJAR Matsushiro Arr, and others.

Table with columns: KK31 comp=2.3, 6nm, 1.5s, KKAR Karatay Array, KBL Kabul, etc. Includes stations like KK31, KKAR, KBL, and others.

NEIC 09 01:37:04.6-1.1, 2.65S, 0.08W, 79.3W, 0.1, h77km, 4km, mb4.6/62, Error ellipse: s-maj=16.9km s-min=11.2km az=103.0

RSNC 09 01:37:04.4-0.4, 3.3S, 3.8W, 80W, h65km, 10km, M4.4, mb5.0, mb4.6, ML3.7, Mw(MB)4.3

IDC 09 01:37:05.6-2.5, 2.54S, 79.30W, h87km, 23km, mb3.9/11, mbtp4.2/14, MS3.3/3, Error ellipse: s-maj=23.9km s-min=14.2km az=73.0

IGQ 09 01:37:06.4-0.2, 3.1S, 1.8W, h49km, 2km, M4.6/19, Mjma4.6/19, ML4.8/16, MLv4.5/19, Ms(BB)4.3/6, GFZ 09 01:37:07.1-0.2, 2.3S, 3.7W, h94km, M4.4/20, mb4.4/20, confirmed

VAO 09 01:37:07.0-0.7, 2.61S, 78.92W, h75km, mb4.4, Presumed earthquake

IDC 09 01:37:04.1-0.5, 2.62S, 0.04W, 79.45W, 0.04, h77km, 5km, n286, 1849/291, mb4.4/48, 24C-2D, Near coast of Ecuador

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like COHC Cochancy, COHC Cochancy, and others.

9d 1h

Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like CRUC La Cruz, PTLC Puerto Leguiza, FLOC Florencia, etc.

2020 DEC

Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like ARCA Arawak, PLPT Palo Pinto, SDCY Sterling City, etc.

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UPA 09 01:41:22.2±1.0, 8.69N-83.74W, h4km, 3km, MW3.7, Presumed earthquake

UCR 09 01:41:24.1±0.8, 8.67N-83.70W, h13km, 12km, MW3.7, Presumed earthquake

ISC 09 01:22.7±1.4, 8.65N-0.04-83.74W-0.04, h9km, 9km, n72, c0975/100, 9C-7D, Costa Rica

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like PANP Palmar Norte, FIMO Fila Mora, EDPE Pejibaye, etc.

Table with columns: JAY, JAGI, KNRA, FITZ, FITZ, BBUJ, WB0, WRA, GUMO, AS31, ASAR, ASAR, FORT, BBOO, STKA, STKA, MJAR, LZH, LZH, LZH, GTA2, GTA2, EVN, EVN, SONM, SONM, PETK, TARG, TARG, MKAR, MAZK, MAZK, ARSB, ARSB, ZALV, ZALV, KURB, KURB, KURK, KURK, KKAR, ATKA, NRIK, NRIK, AB31, ABKAR, ARTI, ARTI, VVDA, VVDA, VVDA, RAYN, H17K, GEVA, GEVA, IMAR, CCB, ILAR, IMAR, BCBAR, INK, INK, CPUP, CPUP

IDC 09 02:06:15.4, 1.0, 34.0, 0.9Sx, 1.12:64W, h0km, mb3.8/4, mbmp3.8/4, MS4.0/10, Error ellipse: s-maj=41, 4km s-min=32.5km az=94.0

ISC 09 02:06:16.8, 1.0, 34.1, 0.2x, 112:7W, 0.3, h10km, n72, 0.958/74, mb3.7/4, MS4.1/9, Southern East Pacific Rise

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

Table with columns: YBH, PDAR, NEW, ULM, H11S2, H11S1, H11S3, H01W1, H01W2, H01W3, SONM, CMAR, KURB

GCMT 09 02:09:14.9, 0.4, 41.48S, 0:02:87.10W, 0:03, h15km, 2km, MW4.8/1, Moment Tensor Solution, s15, c15; s81, c100; Duration: 0 Moment tensor: Scale 1016Nm; M1: 0.32e 14; M2: 0.30e 13; M3: 0.02e 12; M4: 0.43e 36; M5: 1.93e 09; M6: 0.86e 40; Best double couple: M2, 18500x10^16 Nm; 0.00000, 0.86, 0.00000, -1.66, 0.00000; NP2: 0.355, 0.0000; 877, 0.0000; -24, 0.0000; Principal axes: T 2.1310, P1g7.0000; Azm45, 0.000; N 0.1080, Plg63.0000; Azm149, 0.000; P -2.2390, Plg26.0000; Azm311, 0.000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 09 02:09:17.7, 1.3, 41.1, 10S, 86:78W, h0km, mb3.9/7, mbmp3.9/9, ML3.4/2, MS3.7/10 Error ellipse: s-maj=32.7km s-min=24.0km az=15.0

NEIC 09 02:09:18.9, 1.5, 41.1, 19S, 0:09:86.5W, 0.2, h10km, 1km, 0.64, 5/25, Error ellipse: s-maj=22.7km s-min=15.7km az=273

ISC 09 02:08:19.0, 0.9, 41.16S, 0:10:86.5W, 0.1, h10km, n72, 0.952/64, mb4.3/14, MS3.8/10, West Chile Rise

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

SDD 09 02:19:39.9, 1.9, 17.99N, 71:45W, h6km, 7km, MD2.7, ML2.9, MW2.6, Presumed earthquake

OSPL 09 02:19:40.8, 0.8, 18.19N, 71:27W, h19km, 5km, ML2.7, Presumed earthquake

ISC 09 02:19:41.1, 1.9, 18.11N, 70:04:71.36W, 0.04, h11km, 6km, n10, 0.950/20, 5C-3D, Dominican Republic Ridge

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

Table with columns: SDBA, SMTB, SMTB, RUSC, RUSC, MDP, MDP, PWT, PWT, MAW, MAW, HPFG, HPFG, URZ, URZ, RPZ, RPZ, TXAR, TXAR, TXAR, TXAR, SUR, SUR, NVAR, NVAR, PDAR, PDAR, PDAR, PDAR

NOU 09 02:11:22.2, 18.99S, 168:21E, h0km, MLV4.4/18, Vanuatu Islands

IDC 09 02:11:22.1, 3.3, 18:66S, 168:11E, h0km, mb4.0/5, mbmp4.1/6, ML4.2/1, MS3.3/3, Error ellipse: s-maj=64.6km s-min=22.3km az=96.0

NEIC 09 02:11:24.5, 1.0, 18:90S, 0:07:168.5E, 0.2, h33km, 13km, mb4.4/7, Error ellipse: s-maj=21.0km s-min=9.3km az=82.0

ISC 09 02:11:26.3, 0.8, 18:96S, 0:03:168:32E, 0.06, h42km, n34, 0.958/34, mb4.2/17, Vanuatu Islands

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res

SDD 09 02:19:39.9, 1.9, 17.99N, 71:45W, h6km, 7km, MD2.7, ML2.9, MW2.6, Presumed earthquake

OSPL 09 02:19:40.8, 0.8, 18.19N, 71:27W, h19km, 5km, ML2.7, Presumed earthquake

ISC 09 02:19:41.1, 1.9, 18.11N, 70:04:71.36W, 0.04, h11km, 6km, n10, 0.950/20, 5C-3D, Dominican Republic Ridge

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

IDC 09 02:26:18.0±1.8,5.81S:148.65E,h0km,mb3.6/2,
mbtmp3.7/4,ML3.2/2, Error ellipse: s-maj=91.9km
s-min=20.5km az=114.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Warramunga Arr, WRA Alice Springs, WRA Eielson Array, ILAR Alice Springs, ILAR Eielson Array.

IDC 09 02:45:58.7±1.0,34.86N:25.26E,h0km,mb3.7/9,
mbtmp3.6/16,ML3.2/7,MS3.6/1, Error ellipse:
s-maj=20.4km s-min=9.9km az=33.0

ATH 09 02:46:00.8,34.82N:25.36E,h13km,1km,ML3.5/19,
Latitude uncertainty: 1 km; Longitude uncertainty: 0 km
ISK 09 02:46:01.0,34.86N:25.37E,h6km,ML3.2/14
THE 09 02:46:01.4,35.1N:2.5E,h0km,2km,ML3.4/13,
MLh3.4/13

GII 09 02:46:04.6,0.0,34.472N:0.003:25.719E:0.001,
h0km,MW3.4,confirmed

ISC 09 02:45:59.3±1.2,34.80N:0.04:25.45E:0.02,h11km,7km,
n85,±1962/104,mb3.8/8,Crete

Main table listing station data for the first section. Columns include Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like AGNA Agios Nikolaos, NPS Neapolis, SIVAS Sivas, ANOYIA Anoyia, etc.

Table listing station data for the second section. Columns include Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KZIO Kzio, GEM Giv'at Ha'Em, MMLI Mount Malkishu, etc.

IDC 09 02:59:26.9±1.1,0.32:28S:178.27W,h164km±112km,
mb3.0/2,mbtmp3.6/3, Error ellipse: s-maj=110.9km
s-min=59.6km az=174.0, South of Kermadec Islands

Table listing station data for the third section. Columns include Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, URZ Massey, ASAR Alice Springs, etc.

NEIC 09 03:12:57.0±1.0,15.68S:0.08:173.2W:0.1,h10km,1km,
mb4.6, Error ellipse: s-maj=20.7km s-min=11.6km
az=288.0

IDC 09 03:12:58.1±1.3,14.94S:174.05W,h0km,mb3.6/5,
mbtmp3.7/6,ML4.2/1, Error ellipse: s-maj=87.7km
s-min=15.6km az=154.0

ISC 09 03:13:01.2±0.9,15.6S:0.3:173.4W:0.3,h42km,n20,
±087/21,mb4.1/8,Tonga Islands

Main table listing station data for the third section. Columns include Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, AFI Armadale, NIUE Niue, etc.

Table listing station data for the fourth section. Columns include Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GRGR Grenville, GRW Mount Saint Ca, GRW Sisters, etc.

THE 09 03:23:13.9,37.97N:0.9:26.9E:0.6,h9km,2km,ML2.7/5,
MLh2.7/5

AFAD 09 03:23:13.6,37.89N:26.88E,h7km,3km,ML2.6
ISK 09 03:23:13.4,37.85N:26.84E,h11km,ML2.5/19
ISC 09 03:23:13.7±0.9,37.86N:0.02:26.88E:±0.03,h12km,7km,
n38,±0558/56,Decadecan Islands

Main table listing station data for the fourth section. Columns include Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SMG Samos, GDB zmir, GMLD Gumuldur, etc.

IDC 09 03:27:24.4±1.2,50.91N:73.60E,h0km,mb3.4/1,
mbtmp3.1/6,ML2.1/4, Error ellipse: s-maj=20.2km
s-min=9.0km az=24.0

NNC 09 03:27:25.9±1.0,50.86N:73.73E,h0km,mb4.0,mpv3.7,
Error ellipse: s-maj=13.1km s-min=6.6km az=31.0,
Suspected Mining explosion.

SOME 09 03:27:40.5,50.82N:76.25E
ISC 09 03:27:25.2±0.8,50.95N:0.09:73.66E:±0.09,h0km,n22,
±1955/14,3C-5D,Central Kazakhstan

Main table listing station data for the fifth section. Columns include Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BVA0 Borovoye Array, BVAR Borovoye Array, etc.

Table with columns: PMG, Port Moresby, 8.34 213 Pn, Pn, 04 51 43.8 +4.5, 04 54 57.2, 04 51 37.9 -1.3, 04 53 55.6 +2.4, 04 54 54.7 +0.3, 04 55 35.2, 04 54 53.1 -1.6, 04 55 06.4, 04 54 57.4 +1.5, 04 54 55.0 -0.9, 05 21 33.7, 05 21 35.0, 05 21 36.4, 05 23 04.2, 05 23 04.2, 05 23 09.5, 04 55 25.4 +2.9, 04 55 22.6 +0.1, 04 55 22.8 +0.4, 04 56 01.6, 04 55 53.6 -0.2, 04 56 40.8 -2.1, 04 56 54.4, 04 57 17.6 -0.8, 04 57 30.5, 05 14 04.2, 04 58 37.3 -0.3, 04 58 44.9 -0.3, 05 21 04.9, 05 00 09.7 +0.5, 05 00 08.9 -0.3, 05 01 35.2 +0.4, 05 01 34.8 0.0, 05 01 48.9 +0.8, 05 01 48.4 +0.4, 05 01 53.2 0.0, 05 01 54.1 +0.7, 05 02 21.8 +0.8, 05 02 30.1 +5.0, 05 02 26.9 +1.8, 05 02 42.5

IDC 09:04:56:39.3:0.6, 12.41N-87.82W, h0km, mb4.1/10, mbmp4.2/14, ML2.7/3, MS3.5/11, Error ellipse: s-maj=29.2km s-min=10.3km az=48.0, CATAC 09:04:56:40.6:0.9, 12.1N-87.8W, h15km, mb4.4/40, ML4.4/40, Error ellipse: s-maj=6.9km s-min=2.8km az=28.6, confirmed, NEIC 09:04:56:40.9:1.7, 12.07N-0.06-88.11W, 0.03, h10km, 1km, mb4.9/239, Error ellipse: s-maj=9.8km s-min=4.1km az=171.0, SNET 09:04:56:42.3:2.0, 12.04N-88.21W, h17km, ML4.4, Presumed earthquake, GFZ 09:04:56:44.6:0.3, 12.1N-87.8W, h43km, M4.5/18, mb4.5/18, confirmed, RSNC 09:04:56:46.1:1.2, 12.3N-87.8W, h22km, 11km, M4.6, mb5.2/37, ML3.7, Mw(mb)4.5, UPA 09:04:57:39.8:0.5, 9.91N-84.57W, h10km, 241km, MW3.9, Presumed earthquake, ISC 09:04:56:43.1:1.0, 12.07N-104.88-116W, 0.04, h3km, 6km, n330, r1914/282, mb4.8/122, MS3.4/9, 12C-12D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like INTP Intipuca, CNCH Conchagua, CRIN San Cristobal, etc.

Main table with columns: Station Name, Time Res, ISC, h, m, s, Res. Includes stations like TGUH Tegucigalpa, TGUH Tegucigalpa, TGUH Tegucigalpa, etc.

Table with columns: Station Name, Time Res, ISC, h, m, s, Res. Includes stations like Y49E Blount Mountain, TREL Terrell, Z38A Mt. Pleasant, etc.

Table with columns: ID, Name, Time, Location, Magnitude, and other parameters. Includes entries like PV04 Paradox Valley, PV14 Lion Creek, PV22 Blue Mesa, etc.

Table with columns: ID, Name, Time, Location, Magnitude, and other parameters. Includes entries like MLY Chandalar, E23K Toolik Lake, G21K Allakaket, etc.

Table with columns: ID, Name, Time, Location, Magnitude, and other parameters. Includes entries like ADK 1µm.0.3s, ADK Great Sitkin C, ADK Great Sitkin M, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like J30M Hart River, G29M Pine Creek, G30M Aoh Zralii Nji, etc.

IDC 09 05:50:57.7±0.5, 12°40'N:143°97'E, h0km, mb4.3/17, mtbpm4.3/18, ML2.5/1, MS3.3/19, Error ellipse: s-maj=19.5km s-min=14.0km az=108.0

NEIC 09 05:51:01.7±1.4, 12°40'N:144°05'E, h1.21km, 5km, mb4.6/34, Error ellipse: s-maj=22.3km s-min=10.4km az=126.0

ISC 09 05:51:01.5±0.5, 12.37°N:109.04°E, h1.01, h27km, m77, 0°573/53, mb4.5/33, MS3.3/16, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like GUMO Guam, GUMU Tolitoli, BATI Baumata, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like MKAR Makanchi Array, MAZK Makanchi, ZAAO Zalesovo Array, etc.

IDC 09 05:59:26.8±1.4, 45°80'N:100°16'W, h0km, mb3.6/1, mtbpm3.2/5, ML3.8/3, Error ellipse: s-maj=29.7km s-min=10.2km az=32.0

NEIC 09 05:59:27.1±0.8, 45°53'N:103°99'W, h0.08, h5km, 2km, mb_Lg3.2/39, Error ellipse: s-maj=10.2km s-min=3.0km az=61.0

ISC 09 05:59:26.0±0.7, 45°56'N:105°99'W, h0.06, h10km, m50, 0°149/46, South Dakota

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ELK Elko, TPNV Topopah Spring, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PDAR comp=Z,0.4nm,0.3s, baz=77, slow=10, SNR=12, etc.

ISK 09 06:08:40.9, 34°70'N:33°03'E, h6km, ML2.4/0, GII 09 06:08:43.0±0.0, 34°73'N:0°04:33'461E, 0.01, h0km, Mws2.5, confirmed

NIC 09 06:08:43.0, 34°77'N:33°10'E, h13km, 1km, M12, 1/9 AFAD 09 06:08:43.0, 34°88N:32°99'E, h6km, 7km, ML2.7

ISC 09 06:08:42.2±0.9, 34°70'N:0°03:33'10E, h16km, 6km, n36, 0°15/65, 1C-3D, Cyprus region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ASGA Asgata, APOL The Sanctuary, TROD Troodos, etc.

NEIC 09 06:47:05.9, 1.6, 53.11N, 0.09:170.54E, 0.07, h14km, 3km, m5.4/619, Mw0.5/3.28, Mw0.5/2.28, Error ellipse: s-maj=13.5km s-min=6.5km az=182.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm, Mr:0.49, Mw:0.74, Ms:0.24, Mo:0.62, M0:0.04, M0:0.50, Fault plane solution: Mo1.030000x10^17 NP1:36.121000, 874.00000, 163.64000. NP2:302.12000, 830.53000, 147.15000. Principal axes: T 1.0426, Plg54.0000, Azm299.0000; N -0.0289, Plg25.0000, Azm69.0000; P -1.0137, Plg24.0000, Azm171.0000;

NEIC 09 06:47:06.2, 52.700N, 170.22E, h30km, Moment Tensor Solution. Duration: 1s1.0 Moment tensor: Scale 10^16 Nm; Mr:6.44, Mw:6.85, Ms:0.42, Mo:5.35, M0:0.82, Mw:2.96; Fault plane solution: Mo9.07000x10^16 NP1: 278.75000, 826.56000, 117.41000. NP2: 68.64000, 866.62000, 177.04000. Principal axes: T 9.0669, Plg66.0000, Azm316.0000; N 0.0064, Plg12.0000, Azm74.0000; P -9.0733, Plg21.0000, Azm168.0000;

NEIC 09 06:47:06.4, 53.11N, 170.58E, h17km AEIC 09 06:47:07.6, 2.3, 52.79N, 0.10:170.56E, 0.07, h20km, 3km, Error ellipse: s-maj=13.8km s-min=6.3km az=178.0, GFZ 09 06:47:08.0, 0.1, 53.12N, 171.1E, h26km, M5.4/414, m5.5/194

GCMT 09 06:47:08.0, 2.0, 53.15N, 0.01:170.67E, 0.02, h21km, Mw5.2/136, Moment Tensor Solution. s86, c127, s136, c228; Duration: 1s0 Moment tensor: Scale 10^17 Nm; Mr:0.49, Mw:0.61, Ms:0.11, Mo:0.11, Mw:0.54, Ms:0.05, M0:0.11, M0:0.39, M0:0.3; Best double couple: Mo0.86800x10^17 NP1:290.0000, 826.0000, 135.0000. NP2:62.0000, 872.0000, 171.0000. Principal axes: T 0.8720, Plg59.0000, Azm305.0000; N -0.0070, Plg18.0000, Azm68.0000; P -0.8650, Plg24.0000, Azm167.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

GFZ 09 06:47:08.0, 53.12N, 170.63E, h25km, Mw5.1/153, Moment Tensor Solution. Moment tensor: Scale 10^16 Nm; Mr:1.86, Mw:4.01, Ms:2.15, Mo:3.15, Mw:1.99, Mw:2.71; Fault plane solution: Mo5.76990x10^16 NP1: 322.56820, 842.96023, 160.36462. NP2: 67.20150, 876.76159, 148.74703. Principal axes: T 6.0314, Plg42.7975, Azm297.7493; N -0.5644, Plg39.9308, Azm78.5583; P -5.4670, Plg20.8271, Azm187.1256

BGR 09 06:47:14.5, 54.19N, 169.85E, h33km, m5.3 ISC 09 06:47:06.7, 0.3, 53.09N, 0.04:170.60E, 0.03, h20km, 2km, h20km; P-P, n1468, r143/1307, m5.5/646, MS4.7/114, 99C-24D, Near Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data.

Main table listing seismic stations (e.g., MTRV, GRL, ASAK, KDR, etc.) with columns for station name, coordinates, magnitude, and other parameters.

Table listing seismic stations (e.g., ASAJ, Q19K, ILSW, etc.) with columns for station name, coordinates, magnitude, and other parameters.

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like BURR Mountain, TIKSI, USA0B, etc.

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like KSAR, H1N1, H1N2, etc.

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like HNS, SSE, BTO2, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MSF Maaselka, KPKS Kokpek, LQF Lofoten, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BORG Borgarnes, BORG Argonia South, KK31 Karatay Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MOS Vassula, LOOK Love County, OZNA Ozona, etc.

2020 DEC

Table with columns: Call Sign, Locality, Frequency, Mode, Power, and other technical details. Includes stations like VORR Voronezh, R49A Shelbyville, BHK Bhakra, etc.

Table with columns: Call Sign, Locality, Frequency, Mode, Power, and other technical details. Includes stations like INVG Invergeilde, Y49A Blount, MVL Millersville, etc.

Table with columns: Call Sign, Locality, Frequency, Mode, Power, and other technical details. Includes stations like RETH Rethem/Aller, KIV Kislovodsk, KIV Kislovodsk, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like UPC Upice, HLM1 Mynd, DBC Delisi, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ZVC Zvikov, TNS Taunus Mts, TNS Taunus Mts, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VJD Vijayawada, CFR Carcalui, CFR Carcalui, etc.

2020 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other technical details. Includes stations like NEVSHA, FRUSKA GORA, VLAD, KEMALIJE, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other technical details. Includes stations like PAIG, MANT, MANT, ISP, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other technical details. Includes stations like KEST, HTT, SDDR, SDDR, etc.

UPA 09 06:52:39.1z 1.0.0.8:65N-83:75W, h4km,3km, MW3.6
UCR 09 06:52:40.2z 0.6.8:67N-83:70W, h3km,6km, MW3.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like PANP, PANP, FIMO, etc.

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHGR2, TRT2, GMAL.

MEX 09:07:03:56.7±0.5, 24.58N±109.12W, h15km, MD4.5, Presumed earthquake

IDC 09:07:03:57.4±0.6, 24.83N±108.85W, h0km, mb2.4/4, mbmp4.0/2.1, ML3.7/5, MS3.9/1.0, Error ellipse: s-maj=14.6km s-min=11.0km az=91.0

GFZ 09:07:03:58.0±0.4, 25.4N±109.9W, h10km, M4.4/12, mb4.4/12, confirmed

NEIC 09:07:03:59.6±1.7, 24.88N±106.18W, h0km, mb4.4/9.7, Error ellipse: s-maj=12.1km s-min=8.3km az=230.0

ISC 09:07:03:59.9±0.4, 24.85N±108.87W±0.05, h16km, n218, s1928/201, mb4.5/4.5, MS3.9/3, Gulf of California

Main table of station data for the 2020 DEC earthquake event, listing station names, coordinates, and phases.

Main table of station data for the 2020 DEC earthquake event, listing station names, coordinates, and phases.

Table of station data for the 9d 7h event, listing station names, coordinates, and phases.

SOF 09:07:04:48.6, 38.42N±20.05, 24.17E±0.02, h2km, 3km, MD4.0/6

IDC 09:07:04:50.5±0.2, 38.65N±24.07E, h0km, mb3.5/7, mbmp3.5/8, ML2.5/1, MS2.9/2, Error ellipse: s-maj=74.0km s-min=20.5km az=5.0

AFAD 09:07:04:50.0, 38.76N±24.17E, h15km, 19km, ML3.2 THE 09:07:04:51.7, 38.4N±0.5, 24.1E±1.0, h8km, 1km, M3.6/32, ML3.6/32

ATH 09:07:04:51.0, 38.41N±24.14E, h14km, ML3.8/41, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

TIR 09:07:04:53.8, 38.82N±24.36E, h5km, ML3.3/25 Presumed earthquake

ISK 09:07:04:53.8, 38.82N±24.36E, h5km, ML3.3/25 ISC 09:07:04:51.1±0.8, 38.46N±0.02, 24.12E±0.01, h15km, 5km, n171, s1929/206, mb3.5/7, 18C-5D, Aegean Sea

Main table of station data for the 9d 7h event, listing station names, coordinates, and phases.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like JAGI, MKS, BKS, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like IPOC Station P, IPOC Station S, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like PSAL, PDRB, H03N1, etc.

SOME 09:09:48.11.8, 40.83N, 69.13E, h20km
KNEIC 09:09:48.11.7, 1.40.82N, 69.35E, mb2.7
ISC 09:09:48.11.0.2, 40.83N, 69.07E, 0.1, h10km, n10,
r1941/19, 11C-3D, Tajikistan

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like IUG, TRKS, BRLS, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like PTLB, PTLB, VILNE, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like PDAR, ULM, NVAR, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like H11S2, H11S1, H11S3, etc.

PAS 09 10:22:19.6, 1.2, 31.47N, 0.02:115.70W:0.03, h17km, 7km, Error ellipse: s-maj=3.7km s-min=2.4km az=93.0

NEIC 09 10:22:19.5, 1.4, 31.48N, 0.007:115.70W:0.02, h9km, 12km, ML2.7/26, ML2.9/49(PAS), Error ellipse: s-maj=2.8km s-min=1.0km az=91.0

ECX 09 10:22:20.0, 0.6, 31.50N, 115.64W, h4km, 3km, MD2.5, ML2

MEX 09 10:22:21.3, 0.7, 31.49N, 115.56W, h21km, 6km, MD3.8, Presumed earthquake

ISC 09 10:22:19.2, 0.9, 31.49N, 0.02:115.64W:0.02, h13km, 7km, n52, e085/75, 5C-5D, Baja California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like VTX, Valle De La Tr, San Joaquin, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ESJX, Rio Hardy, San Felipe, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CBX, Cerro Bola, Cerrito Prieto, etc.

IDC 09 10:36:32.1, 477.0, 63.17N, 45.37E, h0km, Error ellipse: s-maj=214.9km s-min=177.0km az=174.0, Baltic States-Belarus-Northwestern Russia

IDC 09 10:41:05.2, 5, 59.27N, 154.81W, h105km, 24km, mb2.9/1, mbmp3.2/5, Error ellipse: s-maj=85.0km s-min=25.7km az=88.0

NEIC 09 10:41:08.8, 0.8, 59.19N, 0.03:153.78W:0.09, h118km, 4km, ML2.8/108, ML2.9(AEIC), Error ellipse: s-maj=7.7km s-min=1.4km az=117.0

AEIC 09 10:41:10.2, 1.3, 59.18N, 0.03:153.78W:0.08, h109km, 4km, Error ellipse: s-maj=5.8km s-min=4.0km az=84.0

ISC 09 10:41:09.1, 0.9, 59.21N, 153.76W:0.04, h116km, 6km, n144, e080/153, Southern Alaska

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RDSO, Redoubt West, Kvichak River, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like M18K, Sitkin River, Sitkin Island, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KNK, Knik Glacier, GHO, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CHIR, Chirikof Island, CUT, etc.

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

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like L16K, Ohwah River, M15K, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like O14K, Tiguykuiwet M, O14K, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like K20K, Telida, EYAK, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CAST, Castle Rocks, WATI, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KLU, Klutina, L15K, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RAGM, Ragged Mountain, GOAT, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like J19K, Poorman, J17K, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like J17K, VABM Dome, J17K, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like J17K, VABM Dome, J17K, etc.

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

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like J20K, Nowinta River, J20K, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like J16K, Anvik River, J16K, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GLB, Gilahina Butte, PAX, etc.

AEIC 09 10:41:47.8, 2.2, 51.4N, 0.4:179.3W:0.3, h49km, 9km, Error ellipse: s-maj=60.6km s-min=14.1km az=159.0

NEIC 09 10:41:49.4, 1.3, 51.7N, 0.4:179.4W:0.1, h44km, 20km, mb3.5/11, ML3.7/6, ML3.4(AEIC), Error ellipse: s-maj=52.6km s-min=2.9km az=167.0

IDC 09 10:41:51.0, 2.4, 52.24N, 178.05W, h0km, mb3.4/4, mbmp3.5/5, ML3.4/1, MS3.4/1, Error ellipse: s-maj=66.0km s-min=27.3km az=6.0

ISC 09 10:41:45.3, 3.3, 51.8N, 0.2:179.2W:0.1, h1km, 17km, n40, e193/33, mb3.5/9, Andreanof Islands

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Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like GSMV Great Sitkin M, GSTR Great Sitkin T, GSIG Igitkin Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like ELNB Elgin, New Bru, LMN Caledonia Moun, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, etc.

PGC 09 10:43:24.4-3.8,47.66W, h10km, ML Sn 3.2/18, Mw3.8/18,305km length of Tofino, Bc Off Coast 2 of Washington, Off coast of Washington

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like KEMO NEPTUNE Canada, KEMO NEPTUNE Canada, etc.

ISC 09 10:46:45.5-2.1, 24.16S:68.23W, h104km, 19km, mb3.7/8, mbmp4.1/14, MS3.2/1, Error ellipse: s-maj=25.6km s-min=13.9km az=85.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, etc.

ISC 09 10:46:46.8-0.7, 24.20S:0.03:68.30W, 0.03, h127km, 6km, n157, r179/169, mb4.1/15, 3C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like CO04 Los Peladeros, CO04 Los Peladeros, etc.

NEIC 09 10:44:52.3-1.3, 45.103N:0.010:67.16W, 0.02, h5km, 2km, az=287.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like GGN Saint George, GGN Saint George, etc.

OTT 10km northwest from Saint Andrews, Nb, Felt Northern Appalachians Seismic Zone, Felt in Saint Andrews, St-Stephen, Nb

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like PB05 IPOC Station P, PB05 IPOC Station P, etc.

ISC 09 10:44:51.8-0.9, 45.10N:0.003:67.18W, 0.02, h14km, 7km, n37, r124/53, 1D, Maine

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like MG05 Puerto Natales, MG05 Puerto Natales, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, ULM Lac du Bonnet, MAW Mawson, etc.

IDC 09 10:46:57.4.3.1.58:85N:17:84E, h0km, mbtmp3.0/3, ML2.3, Error ellipse: s-maj=34.9km s-min=10.9km bz=1.0

DNK 09 10:47:01.6:1.6.58:99N:18:26E, h0km, Explosion UPP 09 10:47:01.3:0.2:58:99N:18:19E, h0km, ML2.6, Suspected explosion

ISC 09 10:47:00.2:0.9.58:99N:0:03:18:27E:0:04, h0km, n34, r18/45, Baltic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NYNU Nyaeshamm, BOGU Bogesund, VIKU Vikbolandet, etc.

IDC 09 10:59:49.0:6.9.137:25:167:91E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=165.8km s-min=48.0km az=18.0, Vanuatu Islands

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

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

IDC 09 11:58:59.3:0.9.2:53S:139:60E, h0km, mb3.7/6, mbtmp3.7/7, ML3.5/1, Error ellipse: s-maj=24.0km s-min=14.6km az=7.0

DJA 09 11:59:03.9:0.6.2:5:5:14:0E:., h29km, 6km, M3.6/5, MLV3.6/5

ISC 09 11:59:03.5:0.8.2:45S:0:06:139:67E:0:04, h27km, n13, r132/17, mb3.9/6, Near north coast of Irian Jaya

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

IDC 09 11:59:10.7:2.4.47:52N:129:76W, h0km, mb3.2/1, mbtmp3.2/8, ML3.1/6, MS3.4/14, Error ellipse: s-maj=44.0km s-min=16.5km az=66.0

NEIC 09 11:59:10.9:1.4.47:84N:0:05:129:62W:0:04, h10km, 2km, ML3.4/32, Error ellipse: s-maj=8.1km s-min=4.6km az=197.0

ISC 09 11:59:11.5:1.3.47:80N:0:08:129:52W:0:10, h10km, n58, r192/44, MS3.4/7, Off coast of Washington

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEBB NEPTUNE Canada, NCR89 ODP889, BFB5 Bamfield, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like J05D Fort Rock, OR, YBH Yreka Blue, NEW Newport, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SADO Sadowa, TKL Tuckaleechee C, FRB Froisher Bay, etc.

NEIC 09 12:31:16.0:0.4.45:10N:0:02:67:16W:0:01, h8km, 7km, mb_Lg2.7/3, ML3.0/32, Error ellipse: s-maj=3.2km s-min=1.0km az=201.0

OTT 09 12:31:16.4:0.1.45:16N:67:15W, h5km, MN2.9/7

ISC 09 12:31:16.9:0.9.45:12N:0:03:67:15W:0:02, h12km, 7km, n40, r065/55, 1D, Maine

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GGN Saint George, G65A Princeton, EMMW East Machias, etc.

9d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, Time, Res, ISC. Includes stations like TXAR, Lajitas Array, Colim, etc.

HEL 09 13:31:24.5:0.2, 67.37N:23.20E, h0km, ML1.6, Explosion
UPP 09 13:31:24.3:0.2, 67.42N:23.33E, h0km, ML1.9, Suspected explosion

ICC 09 13:31:26.4:2.0, 67.47N:23.89E, h0km, mbmp2.8/2, ML1.8/2, Error ellipse: s-maj=37.3km s-min=13.1km az=94.0

BER 09 13:31:27.2:2.7, 67.43N:23.32E, h0km, ML1.9, Suspected explosion
ICC 09 13:31:24.2:0.7, 67.42N:0.02:23.26E:0.02, h0km, n47, r1067/77, Sweden

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, Time, Res, ISC. Includes stations like KU2, OLKF, OLKF, etc.

ICC 09 13:50:08.6:815.0, 53.10N:34.07E, h0km, Error ellipse: s-maj=334.1km s-min=97.6km az=30.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, Time, Res, ISC. Includes stations like I43RU, I31KZ, I46RU.

ICC 09 13:57:57.5:1.1, 3.07S:135.95E, h0km, mb3.1/2, mbmp3.5/7, ML3.4/5, MS3.0/2, Error ellipse: s-maj=21.7km s-min=13.5km az=18.0

ICC 09 13:58:01.9:0.9, 3.35S:0.08:135.95E:0.07, h37km, n8, c2506/10, Irian Jaya region

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

ICC 09 14:14:33.2:1.2, 34.67N:85.34E, h0km, mb3.4/7, mbmp3.5/11, ML3.0/4, MS3.0/9, Error ellipse: s-maj=43.0km s-min=15.5km az=59.0

ICC 09 14:34:39.0:1.1, 34.38N:1.856E:0.2, h35km, n17, r129/11, mb3.3/5, MS3.0/7, Xizang

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

ICC 09 14:34:39.0:1.1, 34.38N:1.856E:0.2, h35km, n17, r129/11, mb3.3/5, MS3.0/7, Xizang

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRP Porcupine Dome, G24K Hadweenc Riv, K27K Chicken, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKIN comp=N,12m,0.4s, KKN Kakani, DMN Daman, etc.

MOS 09 16:17:25.0:0.9,47:66N:145:71E, h45km, mb3.8/7, Error ellipse: s-maj=13.3km s-min=9.5km az=92.3

SKHL 09 16:17:25.1:0.8,47:50N:146:00E, h465km, 11km, comp=N,14m,0.1s, msz4.9/7

IDC 09 16:17:26.0:1.3,47:68N:145:63E, h440km, 15km, mb3.1/15, mbtmp3.9/22, Error ellipse: s-maj=13.0km s-min=10.2km az=155.0

JMA 09 16:17:26.3:0.4,47:12N:141:66E, h472km, MV3.6/18, SOUTHERN SEA OF OKHOTSK

ISC 09 16:17:25.5:0.5,47:47N:146:00E, h457km, n66, s164/82, mb3.5/19, 2C-2D, Sea of Okhotsk

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YSS Yuzhno-Sakhali, YSS Yuzhno-Sakhali, etc.

IDC 09 16:05:27.8:2.0,24:74N:94:14E, h0km, mb3.5/2, mbtmp3.4/3, ML3.3/1, MS4.0/1, Error ellipse: s-maj=89.2km s-min=17.0km az=90.0

NDI 09 16:05:33.6:1.2,24:92N:95:07E, h30km, gkm, ML3.6, Presumed earthquake

ISC 09 16:05:36.7:1.2,25:04N:105:94E, h0.07, h72km, n22, c212/34, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IMP Imphal, KOHI KOHIMA, MOKO MOKOCHONG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULN Ulanbaatar, SONM Songo Airay, ZALV Zalesovo Beam, etc.

IDC 09 16:35:29.2:2.3,4:71S:144:95E, h69km, 20km, mb3.7/6, mbtmp4.0/10, MS3.0/5, Error ellipse: s-maj=26.3km s-min=1.9km az=50.0

ISC 09 16:35:26.6:1.1,4:63S:0:1,145:1E,0:1, h38km, n11, c187/12, mb4.0/6, MS2.9/3, Near north coast of New Guinea

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

KRSC 09 16:37:28.2:1.4,49:11N:157:14E, h39km, 32km, M4.7, Error ellipse: s-maj=9.0km s-min=3.4km az=78.4

IDC 09 16:37:34.2:1.4,49:28N:156:16E, h60km, 18km, mb3.7/26, mbtmp4.1/34, MS3.6/31, Error ellipse: s-maj=16.6km s-min=10.2km az=134.0

NEIC 09 16:37:34.7:1.5,49:43N:156:16E, h0.1, h57km, 7km, mb4.4/44, Error ellipse: s-maj=15.5km s-min=9.9km az=128.0

ISC 09 16:37:30.8:0.5,49:18N:156:49E, h0.05, h34km, n225, c169/225, mb4.3/68, MS3.7/25, 6C-9D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

9d 16h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GRL, APC, KRMR, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BILL, YAK, KRSR, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MAKZ, BVAR, BORK, etc.

comp=Z,0.6nm,0.4s
Eilat 85.82 312 LR 17 35 48.6
comp=Z,27nm,1.8,6s,baz=288,slow=41

RSNC 09 16:58:33.6:0.4, 10°12'N; 71°17'W, h0km, M2.2, ML2.1
FUNV 09 16:58:35.9, 9.77Nm, 71.51W, h5km, MW3.0, Presumed
earthquake
ISC 09 16:58:33.7:3.2, 9.83N, 00:03:71.49W, 0.03, h8km, 24km,
n12, c1502/22, Lake Maracaibo

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

MAN 09 17:17:31.0, 14.29N; 124.34E, h1km, MS3.3
ISC 09 17:17:31.6:2.2, 14.05N; 124.10E, h0km, mb3.4/4,
mbT=3.4/4, Error ellipse: s-maj=90.9km s-min=25.0km
az=55.0

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

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

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

NEIC 09 18:23:54.3:2.1, 47.57N; 03:92:52W, 0.05, h0km, 2km,
mb_Lg2,8/13, ML3.1/12, Error ellipse: s-maj=6.9km
s-min=3.2km az=128.0
ISC 09 18:23:57.1:4.8, 47.81N; 92.58W, h0km, mbT=6.2,
ML1.7/2, Error ellipse: s-maj=133.9km s-min=34.6km
az=47.0

ISC 09 18:23:52.9:0.9, 47.59N; 00:49:60W, 0.04, h0km, n23,
c098/24, Minnesota

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

ISC 09 18:44:33.4:0.8, 76.21N; 93.70W, h0km, mb3.7/10,
mbT=3.9/13, ML4.1/3, MS3.1/2, Error ellipse:
s-maj=14.5km s-min=10.9km az=120.0
OTT 09 18:44:35.7:0.2, 76.25N; 94.04W, h18km, MN4.2/9,
123km northeast from Polaris, Nu Boothia Ungava
Seismic Zone.
ISC 09 18:44:33.2:0.6, 76.15N; 00:05:93.27W, 0.05, h10km, n43,
c303/53, mb3.8/9, Queen Elizabeth Islands

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

mbT=3.8/3, ML3.7/1, Error ellipse: s-maj=74.2km
s-min=37.3km az=118.0, South of Kermadec Islands

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

ISC 09 18:54:13.6:2.0, 26.77N; 96.43E, h0km, mb3.4/5,
mbT=3.4/6, ML3.7/1, Error ellipse: s-maj=58.3km
s-min=29.7km az=73.0
Presumed earthquake
ISC 09 18:54:12.1:1.1, 26.60N; 00:08:36E, 0.07, h120km, 13km,
n31, c211/54, mb3.4/5, Myanmar

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

ISC 09 18:51:34.6:3.3, 33.68S; 178.60W, h0km, mb3.8/2,

9d 19h

comp=E,0.3nm,0.4s
BVAR Borovoye Array 32.74 331 P P 19 00 46.9 +3.7
comp=E,0.3nm,0.3s,baz=13.3,slow=10,SNR=3.6
comp=E,0.3nm,0.3s

THE 09 18:58:23.3,37.87N,1.0,26.8E,0.4,111km,1km,M2.77,
MLh2.77
AFAD 09 18:58:23.0,37.83N,26.84E,h8km,1km,ML2.5
ISK 09 18:58:23.0,37.82N,26.84E,h5km,ML2.6/24
ISC 09 18:58:23.1,0.9,37.83N,0.02,26.84E,0.02,h12km,7km,
n46,c0945/67,Decadence Islands

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

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mb4.6/5,MLV4.1/15,Mw(mb)4.0/1
NEIC 09 19:03:43.9,1.8,0.23N,0.07E,126.12E,0.06,h50km,6km,
mb4.4/16,Error ellipse: s-maj=10.1km s-min=9.1km
az=169.0

ISC 09 19:03:43.0,0.6,0.22N,0.05,126.17E,0.04,h44km,n44,
c141/46,mb4.2/20,Northern Molucca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and events in the Northern Molucca Sea region.

n65,c1808/124,Strait of Gibraltar 412

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and events in the Strait of Gibraltar region.

ISC 09 19:03:36.0,0.7,0.20N,125.92E,h0km,mb4.0/12,
mbmp4.0/14,ML3.4/2,MS2.6/1,Error ellipse:
s-maj=32.4km s-min=13.4km az=73.0
DJA 09 19:03:41.3,0.2,0.1N,3.2,12.6E,h10km,M4.3/15,mb4.7/11,

IDC 09 19:09:13.2,1.8,5.78S,152.33E,h0km,mb3.7/5,
mbmp3.8/6,ML1.1/4,Error ellipse: s-maj=47.2km
s-min=17.0km az=111.0
ISC 09 19:09:18.7,1.6,5.8S,0.1,152.3E,0.2,h38km,n7,c1916/9,
mb3.6/5,Near Britain region

IDC 09 19:18:23.9,0.5,35.42N,3.65W,h7km,6km,mb_Lg2.7/24,
Error ellipse: s-maj=6.8km s-min=2.5km az=164.0
SFS 09 19:18:24.8,35.39N,3.57W,h27km,ML2.8/16,ML3.0/16,
MLV3.0/13
INMG 09 19:18:25.1,1.6,35.45N,3.58W,h22km,6km,ML2.3,Error
ellipse: s-maj=6.2km s-min=3.9km az=107.0
#DIST_RANGE: REGIONAL #PMA_REGION: NE AI
#Hoceima (MARR)
CNMR 09 19:18:25.2,35.48N,3.74W,h32km,ML2.7
ISC 09 19:18:24.3,1.0,35.46N,0.02,3.64W,0.02,h22km,11km,

Table with columns: PSARD, Sardoal, 5.47 320 eP, Pn, 19 19 45.5 +1.0, 19 20 45.2 -1.5, 19 20 53.3, 19 20 53.4, 19 20 55.2

AFAD 09 19:22:15.8, 36°30'N, 36°01'E, h10km, 1km, MW3.5
IDC 09 19:22:15.7, 1.1, 36°57'N, 35°88'E, h0km, mb3.5/s,
mbmp3.5/6, ML3.3/2, MS2.5/2, Error ellipse: s-maj=24.5km
s-min=12.0km az=79.0

ISK 09 19:22:15.7, 36°59'N, 36°00'E, h6km, ML3.3/3/3
NEIC 09 19:22:16.3, 1.1, 36°52'N, 0°05'36"E, 0.07, h10km, 2km,
ML3.4/18, Error ellipse: s-maj=10.4km s-min=6.6km
az=307.0

GII 09 19:22:18.7, 0.0, 36°63'N, 0°00'23"E, 0.001,
h9km, MW3.3, confirmed
NIC 09 19:22:19.4, 36°54'N, 35°76'E, h15km, 31km, ML3.1/8
ISC 09 19:22:16.2, 1.1, 36°83'N, 0°02'35"E, 0.02, h2km, 9km,
n112, s1838/161, mb3.5/4, Turkey

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like TAHT, YURE, HASA, CEYH, etc.

Table with columns: CSS, Mathiatis, 2.73 233 Pn, Pn, 19 22 59.2 -1.9, 19 23 00.7 -0.4, 19 23 00.0 -1.2, 19 23 00.0 -1.2

ASGA Asgata, 2.89 231 P S, Pn Sn, 19 23 04.0 +0.7, 19 23 38.6 -0.2, 19 23 49.3

DORL Deir Qamar, 2.94 187 eP, Pn, 19 23 04.4 +0.3, 19 23 07.8 +2.2, 19 23 40.5 -2.4

ALFO Alefka, 3.12 243 P S, Pn, 19 23 04.1 -2.4, 19 23 38.5 -6.0, 19 23 41.7

ALFO Alefka, 3.12 243 P S, Pn, 19 23 04.1 -2.4, 19 23 38.5 -6.0, 19 23 41.7

SHBL Chebaa, 3.28 184 eP, Pn, 19 23 08.2 -0.7, 19 23 11.7 +1.8, 19 23 51.8 +1.3

AKEM Akamas, 3.38 243 P S, Pn, 19 23 11.3 +1.3, 19 23 12.6 +0.5, 19 23 33.3 +1.4

BR11 Keskin Array S, 3.60 330 Pn, Pn, 19 23 13.3 +0.2, 19 23 12.9 -0.2

BR11 Keskin Array S, 3.60 330 Pn, Pn, 19 23 13.3 +0.2, 19 23 12.9 -0.2

BR11 Keskin Array B, 3.60 330 Pn, Pn, 19 23 14.9 +1.7, 19 23 14.9 +1.2, 19 23 57.9 +0.5

MMAI Mount Meron Ar, 3.64 188 Pn, Sn, 19 23 12.7 -1.0, 19 23 56.6 -0.7

MMAI Keshet, 3.65 182 P S, Pn, 19 23 15.3 +1.6, 19 23 59.4 +2.0, 19 23 15.0 +0.5

TKA Tokat, 3.70 6 P S, Pn, 19 23 15.5 +1.3, 19 24 01.7 +0.9, 19 24 01.7 +0.9

MMLI Mount Malkishu, 4.21 187 P S, Pn, 19 23 22.9 +1.4, 19 24 12.0 +0.7, 19 23 25.9 +1.9

SLTI Sal'it, 4.45 190 P S, Pn, 19 24 17.3 +1.8, 19 24 18.1 +0.9, 19 23 25.9 -0.2

BALJ Balqa, 4.54 184 Pn, Pn, 19 24 46.5

ILGA Ilgaz, 4.75 339 Pn, Pn, 19 23 30.4 +1.3, 19 24 52.6

ALMO Almog, 4.85 185 P S, Pn, 19 23 32.2 +1.9, 19 24 28.5 +1.4, 19 23 33.5 +2.6

AKAS Kas, 5.16 267 Pn, Pn, 19 23 35.3 +0.6, 19 24 32.6 +0.6

AMAZ Amatzia, 5.17 190 P S, Pn, 19 23 36.1 +1.5, 19 24 36.1 +1.2, 19 23 39.1 +2.2

MSBI Mazada, 5.33 186 P S, Pn, 19 24 40.4 +1.5, 19 24 52.3 +0.2, 19 23 49.8 +2.2

KZIT Kziot, 5.87 194 Pn, Pn, 19 24 59.3 +1.2, 19 25 11.7 +0.8, 19 24 01.8 +2.1

RMNI Mount Ramon, 6.11 190 P S, Pn, 19 25 21.9 +1.9, 19 24 02.5 -0.5, 19 28 50.9

HRFI Mount Harif, 6.63 187 P S, Pn, 19 25 11.7 +0.8, 19 24 01.8 +2.1, 19 25 21.9 +1.9

EIL Elat, 7.00 187 P S, Pn, 19 24 02.5 -0.5, 19 28 50.9

KARP Karpathos, 7.23 266 LR, LR, 19 28 50.9

ANOV Anoyia, 9.10 265 LR, LR, 19 28 50.9

GERES GERES Array B, 9.33 315 Pn, Pn, 19 24 28.3 -0.3, 19 26 52.9 -0.8

FINES FINES Array B, 25.61 349 P P, 19 27 46.2 -0.4

KURBS Kurchatov Arra, 33.33 52 P P, 19 28 57.1 +1.7

ARCES ARCESS Array B, 33.45 353 P P, 19 28 57.5 +1.2

Table with columns: VA03, Peldehue, 1.44 134 eP, Pn, 19 31 58.1 -0.4, 19 32 14.6 -2.0, 19 32 15.7

CO06 Fray Jorge, 1.48 101 eP, Pn, 19 31 59.6 +0.6, 19 32 17.1 -0.2, 19 32 19.6

VA05 Santo Domingo, 1.54 1701 eP, Pn, 19 32 00.4 +0.7, 19 32 18.8 +0.1, 19 32 00.6 0.0

MT05 Renca, 1.60 142 eP, Pn, 19 32 00.6 +0.3, 19 32 24.9

MT05 Renca, 1.60 142 eP, Pn, 19 31 60.0 -0.6, 19 32 18.7 -1.6, 19 32 22.8

MT10 Hacienda Santa, 1.62 1341 eP, Pn, 19 32 01.0 -0.1, 19 32 19.4 -1.7, 19 32 01.7 +0.1

CO03 El Pedregal, 1.67 39 eP, Pn, 19 32 21.3 -0.8, 19 32 21.9

CO03 El Pedregal, 1.67 39 eP, Pn, 19 32 21.3 -0.8, 19 32 21.9

CO03 El Pedregal, 1.67 39 eP, Pn, 19 32 21.3 -0.8, 19 32 21.9

MT14 Cerro Caljn, 1.71 1371 eP, Pn, 19 32 02.3 +0.1, 19 32 16.6 -1.5, 19 32 22.5

MT16 CCHEN, 1.74 1381 eP, Pn, 19 32 02.7 +0.1, 19 32 23.3 -1.6, 19 32 23.4

MT03 Universidad Ad, 1.80 139 eP, Pn, 19 32 03.5 +0.1, 19 32 25.2 -0.1, 19 32 25.9

MT03 Universidad Ad, 1.80 139 eP, Pn, 19 32 03.5 +0.1, 19 32 25.2 -0.1, 19 32 25.9

MT01 Popeta, 1.81 162 eP, Pn, 19 32 04.1 +0.6, 19 32 24.6 +1.0, 19 32 25.1 -0.6

MT01 Popeta, 1.81 162 eP, Pn, 19 32 04.1 +0.6, 19 32 24.6 +1.0, 19 32 25.1 -0.6

MT09 Talagante, 1.81 155 eP, Pn, 19 32 25.1 -0.6

FCH Farellones, 1.81 1311 eP, Pn, 19 32 03.4 -0.4, 19 32 24.4 -1.7, 19 32 25.1

MT15 Las Vizcachas, 1.88 1411 eP, Pn, 19 32 04.7 +0.2, 19 32 26.0 -1.3, 19 32 27.0

MT04 Ro Olivares, 1.96 131 eP, Pn, 19 32 05.8 0.0, 19 32 29.0 +0.5, 19 32 31.5

MT04 Ro Olivares, 1.96 131 eP, Pn, 19 32 05.8 0.0, 19 32 29.0 +0.5, 19 32 31.5

MT04 Ro Olivares, 1.96 131 eP, Pn, 19 32 05.8 0.0, 19 32 29.0 +0.5, 19 32 31.5

MT12 Pirque, 1.96 144 eP, Pn, 19 32 06.0 +0.3, 19 32 28.0 -1.3, 19 32 29.4

MT08 Bocatorna Ro, 2.06 130 eP, Pn, 19 32 07.6 +0.4, 19 32 32.6 +0.5, 19 32 37.1

MT08 Bocatorna Ro, 2.06 130 eP, Pn, 19 32 07.6 +0.4, 19 32 32.6 +0.5, 19 32 37.1

MT13 San Alfonso, 2.11 140 eP, Pn, 19 32 08.1 +0.4, 19 32 32.1 -1.0, 19 32 33.5

MT13 San Alfonso, 2.11 140 eP, Pn, 19 32 08.1 +0.4, 19 32 32.1 -1.0, 19 32 33.5

MT13 San Alfonso, 2.11 140 eP, Pn, 19 32 08.1 +0.4, 19 32 32.1 -1.0, 19 32 33.5

BO04 La Punta, 2.15 150 eP, Pn, 19 32 08.8 +0.7, 19 32 33.0 -0.9, 19 32 34.1

AUSP Uspallata, 2.15 93 eP, Pn, 19 32 03.8 -4.6, 19 32 09.4, 19 32 35.3 +1.0

GO04 Tololo Observa, 2.18 26 eP, Pn, 19 32 03.8 -4.6, 19 32 09.4, 19 32 34.5

GO04 Tololo Observa, 2.18 26 eP, Pn, 19 32 03.8 -4.6, 19 32 09.4, 19 32 34.5

GO04 Tololo Observa, 2.18 26 eP, Pn, 19 32 03.8 -4.6, 19 32 09.4, 19 32 34.5

9d 19h

Table with columns: LCO, AC05, G003, Copiapo, eS, Sn, Pn, 19 33 01.0, -1.4, 19 32 28.7, +0.7, 19 32 44.0, -0.1

IDC 09 19:40:56.7±1.8, 53.08N:167.02W, h0km, mb3.7/8, mbtmp3.7/9, ML2.9/1, Error ellipse: s-maj=51.7km s-min=21.5km az=168.0

AEIC 09 19:41:02.0±2.0, 53.17N:167.26W, h0.62km, 5km, Error ellipse: s-maj=11.7km s-min=2.7km az=157.0

NEIC 09 19:41:03.2±1.3, 53.05N:167.09W, h0.05, h43km, 8km, ML3.7/14, ML3.3(AEIC), Error ellipse: s-maj=10.6km s-min=1.9km az=157.0

ISC 09 19:41:03.2±1.3, 53.05N:167.09W, h0.05, h45km, 12km, n54, c0991/52, mb3.6/8, Fox Islands

Main table for 9d 19h section, listing station names, coordinates, and various data points.

2020 DEC

Main table for 2020 DEC section, listing station names, coordinates, and various data points.

414

Main table for 414 section, listing station names, coordinates, and various data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ETOB Tobarra, EGRO El Granado, PVAQ Vaqueiros, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like s-maj=32.0km, NEIC 09 20:29:04.5, DJA 09 20:29:07.3, etc.

IDC 09 20:09:06.0, 6.3, 7.9S, 151.96E, h0km, mb4.1/17, mbmp4.1/19, ML2.0/1, MS3.8/41, Error ellipse: s-maj=20.2km, s-min=11.8km, az=87.0

NEIC 09 20:09:08.5, 1.6, 3.72S, 104.151, 93E:0.03, h10km, 1km, mb4.7/29, Error ellipse: s-maj=7.4km, s-min=3.9km, az=216.0

GCMT 09 20:09:10.5, 0.4, 3.69S, 0.02, 151.84E, 0.02, h14km, 2km, MV4.8/84, Moment Tensor Solution, s11, c13, s84, c111; Duration: 0, Moment tensor: Scale 10^19Nm; Mr=0.23; 09; Mw=1.03; 08; Mb=0.79; 07; Ms=0.55; 20; Mv=1.27; 08; Mw=0.42; 18; Best double couple; Mo1, 722000*10^16; N1P1=20.00000*, 867.00000*, 1, -170.00000*, N1P2: 6286.00000*, 380.00000*, 23.00000*, Principal axes: P=1.7280, Plg0.0000*, Azm335.0000*, N=0.0130, Plg65.0000*, Azm85.0000*, P=1.7160, Plg23.0000*, Azm241.0000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 09 20:09:08.0, 0.5, 3.72S, 105.151, 90E:0.08, h10km, n92, 0.689/54, mb4.5/30, MS3.8/38, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, H40PG Keravat, KRVT Keravat (AS076), etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like s-maj=32.0km, NEIC 09 20:29:13.4, etc.

WEL 09 20:16:55.1, 0.5, 45.3S, 16.8E, h5km, M2.4/3, ML2.3/6, MLV2.4/3, Error ellipse: s-maj=5.2km, s-min=3.3km, az=141.2, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WEL 09 20:16:55.1, GLENY Glenorchy, GLNY Milford Sound, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like s-maj=32.0km, NEIC 09 20:29:15.3, etc.

IDC 09 20:29:03.4, 0.7, 2.27N, 126.43E, h0km, mb4.0/11, mbmp4.0/12, ML3.5/1, MS3.0/2, Error ellipse:

9d 21h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=20, SNR=40). Includes stations like MK31, MKAR, KURK, etc.

2020 DEC

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like KSRS, SATY, PRZ, etc.

418

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like YSS, ASAJ, KSH2, etc.

9K 21h

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like ANN Anapa, KONS Konesvik, and many others.

2020 DEC

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like BMAR Burnt Mountain, NGRR Negresti, and many others.

420

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like SUA Susitna One, M22K Willow, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like HMDM Hanimaadhoob, JAVC Velka Javorina, BZVS Buzias, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like GRNC Granite Creek, CLZ Clausthal, LISJ EL Lisan, MSBI Mazda, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like AQU L'Aquila, IDGL Inch Island, SENIN Lac Senin/Sane, etc.

9d 21h

Table with columns for station name (e.g., PNTG, EMAL, PARRA), coordinates, and status indicators (e.g., eSS, SS, P, S).

2020 DEC

Table with columns for station name (e.g., EYMN, KIBK, KIBK), coordinates, and status indicators (e.g., P, S, LR, IAMS).

Table with columns for station name (e.g., U38A, OK02S, HTT), coordinates, and status indicators (e.g., P, S, LR, IAMS).

MOS 09 21:49:56.6:0.8, 52:33N:106:62E, h19km, mb4.7/2, Error ellipse: s-maj=9.3km s-min=6.3km az=70.1
MOS Fell (III-IV) at Korsakov, Kuytun, Oymur.
BYKL 09 21:49:57.0:0.2, 52:39N:106:52E, h19km:3km, FELT
Fell-IV MSK at Korsakov, Kuytun (Burayliya), Oymur.
ISC 09 21:49:57.3:0.9, 52:37N:102:00E, h145km:4km, ISC
ISC 09 21:49:57.0:1.5, 52:39N:106:52E, h19km:3km, ISC

Table with columns for Code, Station Name, and Status (e.g., S, P, IAMS, Res, Time, Res).

Table of seismic events with columns for station, time, magnitude, and location. Includes events like ZRHb Zarechye, TRG Tyrgan, and various stations in the region.

Table of seismic events with columns for station, time, magnitude, and location. Includes events like UNIC San Andres, STKA Stephens Creek, and various stations in the region.

Table of seismic events with columns for station, time, magnitude, and location. Includes events like H10N1 ASCENSION HYDR24.32, LPAZ La Paz, and various stations in the region.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

ISC 10 00:27:05.8, 37:30N, 26:96E, h14km, ML3.0/16
AFAD 10 00:27:06.2, 37:34N, 26:99E, h7km, 3km, ML2.7
THE 10 00:27:06.2, 37:38N, 27:02E, 0.8, h6km, 1km, M2.6/9, MLh2.6/9
ISC 10 00:27:06.0, 0.9, 37:38N, 26:94E, 0.03, h13km, 8km, n33, c053/46, Dodecanese Islands

SJA 10 00:46:32.5±0.7,28°17'Sx71°57'W,h34km,3km,ML4.4, MW4.2
NEIC 10 00:46:35.8,28°30'Sx71°39'W,h29km
GFZ 10 00:46:35.2±0.2,28°Sx71°1W,h16km,M4.4/1, mb4.4/1,confirmed
GUC 10 00:46:36.5±0.8,28°29'Sx71°30'W,h37km,3km,ML4.4, Presumed earthquake
NEIC 10 00:46:36.0±1.6,28°30'Sx0°03'71°36'W±0.07,h29km,4km, mb4.4/11,Mwr4.0/53,Mwr4.5(GUC),Error ellipse: s-maj=9.6km,s-min=3.6km,az=98.0,Moment Tensor Solution: Moment tensor: Scale 10^19Nm, Mrr=25, Mss=0.65, Mss=0.90; Mss=0.51; Mrr=0.78; Fault plane solution: Mo:1.36000e+10 N1:1.32600e+10, N2:1.26000e+10, N3:2.86000e+09, P:1.40664e+10, N: -0.0889, Plg43.0000°, Azm198.0000°, P: -1.3176, Plg24.0000°, Azm83.0000°;

ISC 10 00:46:34.3±0.5,28°22'Sx0°03'71°40'W±0.05,h22km,4km, n133, s194/144,mb4.4/18,3C,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az?, Op, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data points.

Table with columns: Code, Station Name, Az, Az?, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and data points for the 2020 DEC period.

ISC 10 00:48:24.4±0.2,28°32'Nx141°63'E,h0km,mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=248.4km s-min=52.0km,az=6.0,Bonin Islands region

Table with columns: Code, Station Name, Az, Az?, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and data points for the 2020 DEC period.

Duration: 0 Moment tensor: Scale 10^16Nm; Mrr=0.42±0.07; Mss=0.58±0.07; Mss=0.99±0.08; Mrr=0.54±0.19; Mss=1.86±0.05; Mrr=0.19±0.20; Best double couple: Mo:10000±1016 N1:1.349,00000°,874,00000°,Az-177,00000°; NP2: 0.258,00000°,887,00000°,Az-16,00000°; Principal axes: T:2.3060,Plg10.0000°,Az304.0000°; N:-0.4110,Plg73.0000°,Az368.0000°; P:-1.8750,Plg14.0000°,Az212.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

ISC 10 00:51:35.5±0.7,6°03'Ox1°106'77'W±0.1,h10km,n72, s156/16,mb4.5/20,MS3.9/22,Central East Pacific Rise

Table with columns: Code, Station Name, Az, Az?, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and data points for the 2020 DEC period.

CMAR comp=Z,0.6nm,0.3s,baz=26,slow=1.6,SNR=5.0 PKPab PKPab 01 11 42.3 +0.6
CMAR Chiang Mai Arr 152.09 299 PKPdf 01 11 24.5 -1.2

CFUSG 10:00:59.25.6, 40:90N.34:50E, h5km, Mb2/6, MD3.5/3, MS2.7/6
AFAD 10:00:59.25.6, 40:89N.34:51E, h7km,2km, MW3.2
ISK 10:00:59.25.2, 40:88N.34:51E, h4km, ML3.3/29
ISC 10:00:59.25.7.1, 40:87N.0:02.34:50E:0.02, h3km=10km, n55, c096/77, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like KAGI, AYAZ, TOS, YENC, etc.

ISC 10:01:01:56.6.1.1, 9:05.0:1:124.8E:0.1, h100km, n7, c184R, mb3.7/3, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BATI, FITZ, WRA, ASAR, etc.

NEIC 10:01:16:56.9.2.2, 17:22S:0.1:178.9W:0.1, h529km, 8km, mb4.2/12, Error ellipse: s-maj=21.9km s-min=18.2km az=155.0

IDC 10:01:16:56.9.2.2, 17:22S:0.1:178.9W:0.1, h529km, 8km, mb3.0/6, mbmp3.8/7, Error ellipse: s-maj=99.8km s-min=20.7km az=152.0

ISC 10:01:16:55.0.0.6, 17:35S:0.1:178.9W:0.1, h539km, n38, c097/35, mb4.0/12, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MSVF, MSVF, NINE, etc.

ERM comp=Z,10nm,1.3s 66.66 331 P P 01 27 04.9 +0.3
ILAR Eielson Array 85.43 13 P P 01 28 34.7 -0.5

BMAR Burnt Mountain 88.19 13 P P 01 28 49.0 +0.7
YKA Yellowknife Ar 94.00 25 P P 01 29 13.6 -1.4

BUR08 Bucoquina Ar. S 143.87 332 PKPdf 01 35 29.1 -0.1
BURAR Bucoquina Array 143.89 332 PKPdf 01 35 29.1 -0.1

LESAS Schwarzleota 148.51 345 / PKP PKPbc 01 35 41.3 0.0
RETA Reutte 148.89 347 / PKP PKPbc 01 35 42.2 0.0

DAVA Damuels 149.26 348 ePKP PKPbc 01 35 43.6 +0.4
FUORN Ofenpass-Fuorn 149.82 347 PKPbc 01 35 44.9 +0.2

IDC 10:01:28:57.8.2.1, 30:38S:178:12W, h0km, mb4.0/4, mbmp4.1/5, ML3.3/1, MS2.7/1, Error ellipse: s-maj=44.9km s-min=33.6km az=75.0

NEIC 10:01:29:07.6.1.1, 30:75S:0.1:179.3W:0.2, h100km, 2km, mb4.2/12, Error ellipse: s-maj=31.9km s-min=12.1km az=123.0

ISC 10:01:29:07.9.2.6, 31:15S:0.1:177.2W:0.4, h150km, n24, c192/19, mb4.0/10, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RAO, URZ, URZ, BHW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WBO, MTN, KNRA, etc.

IDC 10:01:34:30.5.1.8, 6:27S:129:68E, h0km, mb3.9/1, mbmp2.1.1km az=78.0, Banda Sea

FITZ Fitzroy Crossi 12.40 19Z Op ISC 01 37 24.5 -4.0
FITZ 0.6nm,0.3s,baz=25,slow=10,SNR=17 Sn Sn 01 39 28.1 -19

FITZ Warramunga Arr 14.32 16Z AML AML 01 37 47.4 -7.4
WRA 0.3nm,0.3s,baz=338,slow=14,SNR=6.1 Sn Sn 01 40 09.6 -25

WRA Alice Springs 17.77 16Z AML AML 01 38 32.2 -7.3
ASAR 0.3nm,0.3s,baz=348,slow=12,SNR=15.3 Sn Sn 01 41 32.8 -25

ASAR MKAR Makanchi Array 67.45 32Z P AML P 01 45 28.1 0.0
0.5nm,0.4s,baz=120,slow=8.0,SNR=10 0.5nm,0.4s

IDC 10:01:37:23.6.0.6, 54:79N:159:75W, h0km, mb4.5/32, mbmp4.5/36, ML5.1/4, MS3.9/62, Error ellipse: s-maj=15.0km s-min=8.1km az=156.0

BUI 10:01:37:23.4, 54:90N:160:10W, h0km, mb5.1/11, mb5.0/47, Ms4.7/25, Ms7.4/5/25
GFZ 10:01:37:25.8.0.3, 55:16N:16:16W, h10km, M4.8/23, mb4.8/23

AEIC 10:01:37:26.8.1.9, 54:50N:0:04:159:57W:0.07, h14km, 2km, Error ellipse: s-maj=5.6km s-min=5.2km az=55.0

NEIC 10:01:37:26.5, 54:54N:159:67W, h23km, 4km, NEIC 10:01:37:26.4, 1.9, 54:54N:0:05:159:67W:0.07, h23km, 4km, mb5.0/18, ML4.9/25, MW4.9/38, ML4.7/AEIC, Error ellipse: s-maj=7.3km s-min=5.9km az=161.0

NEIC 10:01:37:28.54.34N:159.49W, h26km, Moment Tensor Solution. Duration: 1.5. Moment tensor: Scale 10^16Nm; Mn:-0.47; Mw:-0.67; Ms:1.14; Mo:0.81; Ms3:0.08; Msr:0.17; Fault plane solution: Ms3.340000x10^16 NP1: 0.351.920000, 875.190000, -14.820000. NP2: 0.261.350000, 887.870000, -14.820000. Principal axes: T 3.5477, Plg9.0000, Azm308.0000; N -0.4560, Plg75.0000, Azm73.0000; P -3.0917, Plg12.0000, Azm16.0000

GCMT 10:01:37:28.5.0.3, 54:56N:0:02:159:74W:0.02, h33km, 1km, MW5.0/8, Moment Tensor Solution. s29.c34: s98.c145; Duration: 0. Moment tensor: Scale 10^16Nm; Mn:0.28; Mw:-0.86; Ms:1.15; Ms3:0.08; Msr:0.17; Msr:1.03; Ms:1.18. Best double couple: Ms3.862000x10^16 NP1:0.351.000000, 875.000000, 1.168.000000. NP2: 0.85.000000, 878.000000, 1.15.000000. Principal axes: T 4.0950, Plg19.0000, Azm309.0000; N -0.4660, Plg71.0000, Azm121.0000; P -3.6290, Plg2.0000, Azm218.0000; nsta2 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10:01:37:28.0.0.6, 54:55N:0:05:159:58W:0.03, h35km, 2km, n507, c193/410, mb4.9/12, MS2.4/70, 9C-9D, South of Alaska

CNBA Chernabura Isl 0.17 358 P Op ISC 01 37 33.7 -0.8
CNBA Chernabura Isl 0.17 358 IAML Sb 01 37 39.9 +1.0

CNBA Chernabura Isl comp=N,103um,0.6s 0.17 358 IAML 01 37 40.1
CNBA comp=E,160um,0.7s 0.18 358 P Pb 01 37 33.1 -1.5

SDPT Chernabura Isl 0.87 324 P Pb 01 37 44.1 -0.6
SDPT Sand Point 0.87 324 P Pb 01 37 43.4 -0.4

SDPT comp=E,39um,1.1s 0.87 324 P Sn 01 37 57.0 -1.8
DOL Sand Point 1.41 292 P Pb 01 37 50.2 -1.0

DOL Pavlof South-1 1.47 303 P Pb 01 37 52.1 +0.1
PSIA PSIA 0.38 327 P Pb 01 38 12.6 +0.3

PVIA Pavlof Volcano 1.47 301 P Pb 01 37 52.0 +0.1
PSA4 Pavlof South-4 1.49 299 P Pb 01 37 52.1 -0.1

PSA4 Pavlof South-4 1.49 299 P Pb 01 38 11.9 -1.7
HAG Hague Volcano 1.50 297 P Pb 01 37 52.8 +0.4

PNTA Pavlof North-7 1.60 300 P Pb 01 37 54.2 +0.3
DTNA Dutton South H 1.62 289 P Pb 01 37 53.9 -0.2

DT1 Dutton Round F 1.63 287 P Pb 01 37 53.3 -0.8
DT1 01 38 13.9 +0.1

CHGN Chignik 1.78 21 IAML Sn 01 37 54.7 +1.1
CHGN comp=N,12um,0.6s 1.78 21 Sb 01 38 20.9 -1.1

BPBCA Veniaminof 2.05 18 P Pb 01 38 01.0 +1.0
ANPB Aniakchak Plen 2.28 18 P Pb 01 38 04.5 +1.3

ISLZ Isanotski Laza 2.40 274 P Pb 01 38 04.2 -0.6
ANNW Aniakchak Nort 2.45 18 P Pb 01 38 07.6 +2.1

CHIR Chirikof Islan 2.55 61 P Pb 01 38 07.4 +0.5
CHIR Chirikof Islan 2.55 61 P Pb 01 38 06.8 -0.1

CHIR comp=E,6um,1.1s 2.55 61 IAML 01 39 01.8
CHIR comp=N,5um,0.7s 2.55 61 IAML 01 39 04.4

CHIR Chirikof Islan 2.55 61 P Sn 01 38 34.7 -2.0
WTUG Tugamak 2.79 276 P Sn 01 38 10.3 +0.1

WESW West Dahl Nort 2.91 270 P Pb 01 38 12.6 +0.3
WECS Westdahl Cape 3.03 270 P Pb 01 38 13.8 +0.4

WECS comp=E,3um,0.7s 3.03 270 IAML 01 39 12.7
WECS comp=N,3um,1.1s 3.13 20 P Pb 01 38 15.9 +1.0

Table with columns for call sign, name, frequency, and other details. Includes entries like ZRO Akutan Zero, AKMO Akutan Morgan, LVA Lava Point, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like DLBC Inuvik, INK Inuvik, INK Inuvik, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like NOR Nord, NOR Nord, NOR Nord, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like 149A Columbus Grove, SADO Sadowa, KSRS Korea Arry, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like NB2 NORFAR Subarra, NOA NORFAR Array B, ZSN Zaisan, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like KOLS Kolonické sedl, JAVC Velka Javorina, OBIP Obispado Ponce, etc.

OSPL 10:01:38:30.0:0.7, 18°53'N:70°41'W, h4km, 4km, ML2.0, Presumed earthquake
SDD 10:01:38:31.3:2.1, 18°47'N:70°35'W, h15km, 8km, MD2.4, ML1.9, MVW2.5, Presumed earthquake
ISC 10:01:38:28.1:1.1, 18°59'N:0°05'W:70°39'W:0.03, h18km, 5km, n12, e040/20, 5C-5D, Dominican Republic region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Rows include PODR, POLI, LODOU1, REDR, LOVI, LOBH, etc.

IDC 10 01:41:36.0, 1.6, 5.98S; 106.89W, h0km, mb4, 1/5, mbmp4, 1/5, MS3, 7/5, Error ellipse: s-maj=176.9km s-min=32.1km az=88.0

NEIC 10 01:41:37.9, 1.2, 6.04S; 107.105, 7W:0.2, h10km, 1km, mb4, 7/15, Error ellipse: s-maj=29.2km s-min=10.5km az=280.0

ISC 10 01:41:37.2, 0.7, 6.03S; 107.105, 7W:0.2, h10km, n36, c116/25, mb4.5/13, MS3, 6/5, Central East Pacific Rise

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like RPN, CMIG, MOIC, etc.

IDC 10 02:37:01.0, 0.8, 6.15S; 106.96W, h0km, mb4, 1/11, mbmp4, 1/11, MS3, 9/37, Error ellipse: s-maj=32.6km s-min=17.4km az=64.0

NEIC 10 02:37:03.0, 1.1, 6.35S; 107.106, 93W:0.0, 4, h10km, 1km, mb4, 7/68, Error ellipse: s-maj=21.1km s-min=5.6km az=170.0

GCMT 10 02:37:04.0, 0.3, 6.12S; 107.106, 94W:0.0, 2, h15km, MW4, 8/103, Moment Tensor Solution. s22, c28; s103, c142; Duration: 0 Moment tensor: Scale 10^16Nm; M=0.06s, 0.7; M=1.81s, 0.7; M=1.75s, 0.7; M=0.43s, 2.3; M=1.19s, 0.5; M=0.22s, 2.2; Best double couple; M=2.22700x10^16 NP1=0.331, 0.0000; 0.875, 0.0000; 1.175, 0.0000; NP2=0.62, 0.0000; 0.885, 0.0000; 1.15, 0.0000; Principal axes: T 2.460, P1g14.0000; Azm288.0000; N -0.0330, P1g74.0000; Azm79.0000; P -2.2090, P1g7.0000; Azm196.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 10 02:37:02.5, 0.6, 6.25S; 107.09W:0.1, h10km, n129, c0666/90, mb4.6/42, MS4.0/37, Central East Pacific Rise

Table of seismic events for the second section, including stations like RPN, CMIG, JTS, etc.

Table of seismic events for the second section, including stations like BRDY, DUN6, SDV, etc.

IDC 10 02:37:01.0, 0.8, 6.15S; 106.96W, h0km, mb4, 1/11, mbmp4, 1/11, MS3, 9/37, Error ellipse: s-maj=32.6km s-min=17.4km az=64.0

NEIC 10 02:37:03.0, 1.1, 6.35S; 107.106, 93W:0.0, 4, h10km, 1km, mb4, 7/68, Error ellipse: s-maj=21.1km s-min=5.6km az=170.0

ISC 10 02:37:02.5, 0.6, 6.25S; 107.09W:0.1, h10km, n129, c0666/90, mb4.6/42, MS4.0/37, Central East Pacific Rise

Main table of seismic events for the second section, including stations like BRDY, DUN6, SDV, etc.

IDC 10 02:37:01.0, 0.8, 6.15S; 106.96W, h0km, mb4, 1/11, mbmp4, 1/11, MS3, 9/37, Error ellipse: s-maj=32.6km s-min=17.4km az=64.0

NEIC 10 02:37:03.0, 1.1, 6.35S; 107.106, 93W:0.0, 4, h10km, 1km, mb4, 7/68, Error ellipse: s-maj=21.1km s-min=5.6km az=170.0

ISC 10 02:37:02.5, 0.6, 6.25S; 107.09W:0.1, h10km, n129, c0666/90, mb4.6/42, MS4.0/37, Central East Pacific Rise

Table of seismic events for the second section, including stations like BRDY, DUN6, SDV, etc.

Table of seismic events for the third section, including stations like PMR, DOT, SCRK, etc.

IDC 10 02:41:59.7, 42.75N; 81.13E, h10km, Northern Xinjiang

ISC 10 02:42:27.2, 1.1, 39.52N; 72.67E, h5km, n119, c2916/35, 19C-5D, Kyrgyzstan

ISC 10 02:42:27.2, 1.1, 39.52N; 72.67E, h5km, n119, c2916/35, 19C-5D, Kyrgyzstan

Main table of seismic events for the third section, including stations like PMR, DOT, SCRK, etc.

IDC 10 02:42:28.9, 0.1, 39.52N; 72.63E, h14km, mb2.9, NNC 10 02:42:30.7, 4.7, 39.59N; 72.94E, h5km, mb3.7, mpv3.3, Error ellipse: s-maj=35.3km s-min=17.0km az=167.0

ISC 10 02:42:31.1, 39.55N; 72.67E, h5km, n119, c2916/35, 19C-5D, Kyrgyzstan

ISC 10 02:42:27.2, 1.1, 39.52N; 72.67E, h5km, n119, c2916/35, 19C-5D, Kyrgyzstan

Table of seismic events for the third section, including stations like PMR, DOT, SCRK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like KK31, BRLLS Borolady, BRLS, DGS, KRBS, etc.

CNRM 10 02:50:09.7, 35.61N, 3.71W, h17km, ML2.7
MDD 10 02:50:10.8, 0.6, 35.40N, 3.64W, h11km, 5km, mb, Lg2.6/21,
Error ellipse: s-maj=4.0km s-min=2.7km az=162.0

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Lists numerous stations including PALE, WNELI, EMEL, AKLM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like EBAD, CIBOR, MESSJ, MORF, PTEO, etc.

NEIC 10 03:03:16.2, 0.2, 55.78N, 0.1, 161.98W, 0.09,
h153km, 5km, mb, 0.4, 17M, 3.5(AEIC), Error ellipse:
s-maj=15.2km s-min=6.3km az=161.0

Main station list table for the 2020 DEC section with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Lists stations like PNTA, PSIA, PSIV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like H17K, GLI, HIN, M23K, etc.

IDC 10 03:04:53.2, 2.0, 6.09S, 129.25E, h0km, mb3.5/1,
mbtm3.5/4, ML3.5/3, MS3.5/2, Error ellipse:
s-maj=64.7km s-min=23.0km az=77.0, Banda Sea

Main station list table for the 430 section with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Lists stations like FITZ, WRA, WRA, etc.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MASN, MAS3, MAS3, LAMP, BUAI, etc.

SJA 10 04:24:13.70.0.7,31.43S:71.99W,h16km,2km,ML3.4, MW3.5

GUC 10 04:24:17.90.0.7,31.48S:71.72W,h32km,2km,ML3.4, Presumed earthquake

ISC 10 04:24:14.51.3,31.44S:0.02:71.81W:0.04,h1km,10km, n62,epsilon15/10,5C-3D,Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO02, CO02, CO06, CO06, etc.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTL5, Leoncito, RTL5, RTL5, etc.

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

ISC 10 04:25:24.1±1.3, 15.37N:93.22W,h76km±1km,mb3.8/9, mbmp4.1/13,MS3.2/10, Error ellipse: s-maj=5.4km s-min=2.9km az=45.6 confirmed

MEX 10 04:25:26.2±0.8, 15.37N:93.24W,h86km±6km,MD4.6, Presumed earthquake

CATAC 10 04:25:26.3±0.3, 16.1N:2.9W,h4km±4km,MS.0/30, mb4.9/7, mb5.4/3, MLy5.1/30, Mw(mb)4.9/3, Error ellipse: s-maj=5.4km s-min=2.9km az=45.6 confirmed

NEIC 10 04:25:26.1±1.3, 15.42N:0.07:93.16W:0.07,h84km±6km, mb3.1/168, Md4.5/32(MEX), Error ellipse: s-maj=11.4km s-min=6.8km az=221.0

GCG 10 04:25:28.8±1.4, 15.49N:92.90W,h75km±35km,MD5.2, ML5.0, Presumed earthquake

ISC 10 04:25:25.6±0.6, 15.43N:0.04:93.25W:0.03,h88km±6km, n262,epsilon172/300,mb4.3/47,1C-1D,Near coast of Chiapas

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

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

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

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

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

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

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

Table with columns for station name, frequency, and other parameters. Includes stations like YHNB, TAW, EAST, NSK, WDJ, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like ZPLA, Ao Xicun, AXDP, Jialiang, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like KMI2, Chengdu, CD2, etc.

10d 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GOMU, KLR, ULN, HEH, SONM, etc.

2020 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TIXI, BVAR, SHEM, HNTA, NRIK, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRTR, F31M, ALE, MMAI, etc.

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Residual. Includes stations like Wuta, Datong, EOS3, Datong Townshi, Wufeng Townshi, etc.

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Residual. Includes stations like FIS, HDA, KLU, CCB, CHUM, etc.

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Residual. Includes stations like MID, J18K, BVCY, H25L, etc.

IDC 10 07:52:49.2:557.0, 57.13N, 33.39E, h0km, Error ellipse: s-maj=204.3km s-min=58.9km az=89.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like I43RU, I37NO, I31KZ.

M20K comp=E,211nm,0.6s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like SPU, SPCR, SPBG, etc.

LOGN comp=N,72nm,1.0s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LOGN, LOGN, LOGN, etc.

AEIC 10 08:01:01.0:0.8, 62.79N, 0.03:148.78W, 0.06, h76km, 5km, Error ellipse: s-maj=4.5km s-min=3.4km az=55.0

NEIC 10 08:01:01.0:1.0, 62.79N, 0.02:148.79W, 0.06, h78km, 5km, mb3/8, ML3.6/232, ML3.3(AEIC), Error ellipse: s-maj=4.3km s-min=3.2km az=60.0

ISC 10 08:01:00.8:0.7, 62.81N, 0.03:148.79W, 0.03, h77km, 6km, n246, e0f68/241, mb3.7/3, Central Alaska

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WAT7, WAT7, WAT1, WAT1, WAT6, etc.

CKL comp=N,423nm,0.5s

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CKL, FID, SPNN, I23K, etc.

G21K comp=E,92nm,0.7s

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like G21K, M17K, M17K, etc.

Table of station data for 10d 8h, listing station names, coordinates, and various parameters like Pn, P, and Iamb.

10d 08:04:20.4-0.8, 4.14N, 128.40E, h0km, mb3.9/13, mbtmp3.9/13, MS2.6/2, Error ellipse: s-maj=44.0km s-min=14.5km az=73.0

NEIC 10:08:04:27.3-1.6, 3.99N:0.09-128.1E:0.1, h135km, 2km, mb4-w/24, Error ellipse: s-maj=21.3km s-min=5.5km az=72.7

ISC 10:08:04:29.4-0.6, 3.88N:0.06-128.0E:0.1, h71km, n53, a1945/50, mb4.2/24, North of Malahera

Main table of station data for 10d 8h, listing station names, coordinates, and various parameters like Pn, P, Iamb, and AML.

RC01 Rabbit Creek A 82.87 29 P P 08 16 46.6 +0.5
ILAR Eielson Array 84.22 25 P P 08 16 53.2 -0.8

BMAR Burmt Mountain 85.44 23 P P 08 17 01.1 +2.0
KRNET 10:08:21:53.0-1.1, 39.50N:72.84E, h14km, mb3.0
SOME 10:08:21:59.7, 39.90N:72.45E, h15km

Main table of station data for 2020 DEC, listing station names, coordinates, and various parameters like Pn, P, Iamb, and AML.

Table of station data for 2020 DEC, listing station names, coordinates, and various parameters like Pn, P, Iamb, and AML.

10d 08:41:18.5-3.0, 50.19S:114.95E, h0km, mb3.5/4, mbtmp3.5/4, MS3.2/1, Error ellipse: s-maj=143.5km s-min=24.9km az=103.0, Western Indian-Antarctic Ridge

Table of station data for 10d 08:41:18.5-3.0, 50.19S:114.95E, h0km, mb3.5/4, mbtmp3.5/4, MS3.2/1, Error ellipse: s-maj=143.5km s-min=24.9km az=103.0, Western Indian-Antarctic Ridge.

ASRS 10:08:49:31.0-1.4, 53.97N:86.59E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

DNK 10:08:55:07.5-1.5, 58.99N:18.22E, h0km, ML3.2, Explosion UPP 10:08:55:07.0-2.5, 59.21N:18.20E, h0km, ML2.6, Suspected explosion

ISC 10:08:55:06.5-0.8, 58.97N:18.26E:0.03, h0km, m41, a1923/60, Baltic Sea

Main table of station data for 10d 08:55:06.5-0.8, 58.97N:18.26E:0.03, h0km, m41, a1923/60, Baltic Sea.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BLEU, DEL, FABU, etc.

IDC 10 08:57:44.8, 1.5, 38.67N, 71.73E, h0km, mb3.77, mbmp3.7/12, ML3.0/5, MS3.0/1, Error ellipse: s-maj=24.9km s-min=20.9km az=149.0

SOME 10 08:57:48.3, 39.07N, 72.18E, h10km NNC 10 08:57:55.0, 2.2, 39.37N, 72.12E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=17.7km s-min=8.9km az=179.0

ISC 10 08:57:46.2, 1.1, 38.64N, 0.08, 71.57E, 0.05, h10km, n45, c2508/59, mb3.8/7, 1C-3D, Afghanistan-Tajikistan border region

Main table for the left column containing station data and event details for the 2020 DEC period.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARXS, BLB, BLK, etc.

ISC 10 09:03:33.6, 1.2, 49.61N, 0.08, 117.0E, 0.07, h10km, n6, c259/8, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MORC, JAVC, VRAC, etc.

ISC 10 09:36:25.5, 1.4, 49.62N, 0.09, 118.07E, 0.08, h10km, n5, c258/7, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MORC, JAVC, VRAC, etc.

IDC 10 09:37:14.9, 44.2, 0.67, 56N, 44.31E, h0km, Error ellipse: s-maj=183.3km s-min=167.1km az=163.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like I37NO, I31KZ, I46RU, etc.

AUST 10 09:58:17.5, 0.3, 20.2, 13.4E, h9km, 2km, mb3.3/6, ML2.4/11, ML2.1/1, MLV2.3/6, Error ellipse: s-maj=6.4km s-min=4.0km az=74.2

IDC 10 09:58:18.6, 1.3, 19.92S, 133.95E, h0km, mbtmp3.4/3, ML3.0/3, Error ellipse: s-maj=13.2km s-min=3.3km az=93.0

ISC 10 09:58:17.2, 0.8, 19.75S, 0.06, 133.89E, 0.05, h12km, n14, c251/22, Northern Territory

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

ASCAR Alice Springs 3.90 180 Pn Sn 10 00 03.9 +1.2

ASCAR St Philip's Co 3.92 180 Pn Sn 10 00 05.3 +2.0

ASCAR Mount Isa 5.43 99 Pn Sn 10 00 39.5 +1.5

ASCAR Kununurra 6.35 309 Pn Sn 10 01 02.0 -1.2

ASCAR Kakadu 7.16 349 Pn Sn 10 00 03.2 +1.5

ASCAR Warakurna 7.38 224 Pn Sn 10 00 06.1 +1.3

ASCAR Darwin Rock St 7.83 338 Pn Sn 10 01 39.1 -0.4

ASCAR Fitzroy Crossi 7.98 281 Pn Sn 10 00 14.5 +1.4

ASCAR Oodnadatta 8.17 169 Pn Sn 10 00 17.2 +1.6

ASCAR Mulgathing 10.48 179 Pn Sn 10 00 48.7 +1.3

s-maj=109.1km s-min=20.9km az=154.0 ISC 10 10:43:26.4, 1.4, 20.6S, 0.06, 172.7E, 0.03, h35km, n23, c0577/8, mb3.76, MS3.3/14, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DZM, HNR, URZ, etc.

ISC 10 09:03:33.6, 1.2, 49.61N, 0.08, 117.0E, 0.07, h10km, n6, c259/8, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MORC, JAVC, VRAC, etc.

ISC 10 09:36:25.5, 1.4, 49.62N, 0.09, 118.07E, 0.08, h10km, n5, c258/7, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MORC, JAVC, VRAC, etc.

IDC 10 09:37:14.9, 44.2, 0.67, 56N, 44.31E, h0km, Error ellipse: s-maj=183.3km s-min=167.1km az=163.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like I37NO, I31KZ, I46RU, etc.

AUST 10 09:58:17.5, 0.3, 20.2, 13.4E, h9km, 2km, mb3.3/6, ML2.4/11, ML2.1/1, MLV2.3/6, Error ellipse: s-maj=6.4km s-min=4.0km az=74.2

IDC 10 09:58:18.6, 1.3, 19.92S, 133.95E, h0km, mbtmp3.4/3, ML3.0/3, Error ellipse: s-maj=13.2km s-min=3.3km az=93.0

ISC 10 09:58:17.2, 0.8, 19.75S, 0.06, 133.89E, 0.05, h12km, n14, c251/22, Northern Territory

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

ASCAR Alice Springs 3.90 180 Pn Sn 10 00 03.9 +1.2

ASCAR St Philip's Co 3.92 180 Pn Sn 10 00 05.3 +2.0

ASCAR Mount Isa 5.43 99 Pn Sn 10 00 39.5 +1.5

ASCAR Kununurra 6.35 309 Pn Sn 10 01 02.0 -1.2

ASCAR Kakadu 7.16 349 Pn Sn 10 00 03.2 +1.5

ASCAR Warakurna 7.38 224 Pn Sn 10 00 06.1 +1.3

ASCAR Darwin Rock St 7.83 338 Pn Sn 10 01 39.1 -0.4

ASCAR Fitzroy Crossi 7.98 281 Pn Sn 10 00 14.5 +1.4

ASCAR Oodnadatta 8.17 169 Pn Sn 10 00 17.2 +1.6

ASCAR Mulgathing 10.48 179 Pn Sn 10 00 48.7 +1.3

HEL 10 11:34:11.1, 0.2, 61.04N, 28.16E, h0km, ML1.1, Explosion, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RUF, VJF, FIAO, etc.

HEL 10 11:35:25.2, 0.1, 64.03N, 24.38E, h0km, ML1.2, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OUF, OBF4, etc.

IDC 10 10:43:21.0, 1.9, 20.69S, 172.75E, h0km, mb3.7/6, mbtmp3.7/7, ML3.0/1, MS3.2/17, Error ellipse:

Table with columns for station call letters, frequency, and other technical details. Includes stations like TJN, KSR5, KSAR, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like PSI, PSI, P17K, KLR, H5IG, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like E08A, BMRM, MFID, BSI, etc.

Table with columns: ID, Name, Date, Time, Az, El, AzEl, Status, AzEl, Status, AzEl, Status, AzEl, Status. Rows include TPB11 China Draw, BCAR Beaver Creek A, RDMU Red Mountain, etc.

Table with columns: ID, Name, Date, Time, Az, El, AzEl, Status, AzEl, Status, AzEl, Status. Rows include DBG Daneborg, MAKGR Makgori, IVI Ivgitut, etc.

Table with columns: ID, Name, Date, Time, Az, El, AzEl, Status, AzEl, Status, AzEl, Status. Rows include SALLP Salfitt, SALP Salfitt, NEGRR Negrea, etc.

10d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BLBK Belogradchik, RCHB Rochefort, MORH Mrgy, Hungary, EZN Ezine, etc.

WEL 10 11:43:22.7±1.4, 3.9°S, 3'x17.4"E, h7km, 6km, M1.6/6, M1.1/6, M1.1/6, M1.1/6, Error ellipse: s-maj=4.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEZ North Egmont, KHEZ Kahui Hut, PKE Pukeiti, etc.

10d 11:47:58.0±1.2, 54.88N, 111.92E, h0km, mb3.3/2, mbtmp3.8/9, ML3.4/7, MS3.1/1, Error ellipse: s-maj=16.8km

MOS 10 11:47:59.4±0.7, 54.81N, 111.91E, h16km, mb4.6/3, Error ellipse: s-maj=10.7km s-min=5.4km az=67.0

2020 DEC

BYKL 10 11:48:00.2±0.1, 54.786N, 111.788E, h16km, 2km, ISC 10 11:47:59.0±1.1, 54.88N, 111.786E, 0.02, h4km, 8km, n70, az=07/137.1, 11C-4D, Lake Baykal region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YLYR Ulyunghan, KMO Kumora, YLYR Ulyunghan, etc.

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Table with columns: TRG, Tyrgan, 3.90 239, ePn, Pn, 11 49 00.2 +0.6. Includes stations like TRG Tyrgan, TRG Tyrgan, TRG Tyrgan, etc.

Table with columns: NR/KR, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Noril'sk, Tiksi, Borovoye Array, etc.

ADC 10 11:57:54.7±1.6, 53.98N, 164.15W, h0km, mb3.9/13, mtbmp3.8/15, ML3.3/2, MS3.1/4, Error ellipse: s-maj=0.0, s-min=15.7km az=167.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Westdahl Peak, West Dahl North, Westdahl Cape, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Sand Point, Sand Point, Sand Point, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kuskokwag Cree, Kuskokwag Cree, Kuskokwag Cree, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 41.86 224, WAKE ISLAND Hy 41.86 224, WAKE ISLAND Hy 41.86 224, etc.

ADC 10 12:09:03.2±3.0, 8.17S, 117.44E, h166km±27km, mb3.4/7, mtbmp4.0/9, Error ellipse: s-maj=53.8km s-min=12.5km az=51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kabupaten Domp, Plampang, Taliwang, Sumb, Waingapu, etc.

TIR 10 12:27:38.4, 40°66'N, 21°59'E, hgkm±2km, ML2.9, ML2.9, Presumed earthquake THE 10 12:27:39.7, 41°1'N, 21°5'E, 0.9, h6km±2km, M2.7/14, MLh2.7/14

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Laimos Florina, Kozani, Kozani, Kozani, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Leskovik, Litokhoron, Litokhoron, Valandovo, Tyrnavos, etc.

SKO 10 12:09:08.9±0.8, 7.81S, 109.118E, h210km±5km, M4.0/9, mb4.5/3, mb4.1/3, MLv3.9/9, Mw(mb)3.7/3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Skopje, Sarande, Sokhos, Sokhos, Igoumenitsa, etc.

SKO 10 12:32:20.0±0.8, 50°33'N, 156°36'E, h147km, mb4.0/6, Error ellipse: s-maj=14.4km s-min=4.2km az=72.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Severo-Kuril's, Severo-Kuril's, Severo-Kuril's, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Mutnovka, Gorely, Russkaya, Apacha, Karymshinsky, Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Kurchatov, Kurk, Makanchi Array, Kurbatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MSVF, NIUE, AFI, AFI, AFI, etc.

NEIC 10 12:48:45.1±1.0, 204S:0.1, 177.7W:0.1, h524km, 7km, mb4.3/26, Error ellipse: s-maj=19.7km s-min=15.3km az=153.0

NEIC 10 12:51:33.7±1.7, 507N:0.05, 179.38W:0.08, h10km, 1km, mb4.5/94, ML3.4/12, ML3.8(AEIC), Error ellipse: s-maj=10.0km s-min=6.1km az=130.0 GFZ 10 12:51:34.9±0.2, 51°N, 6.1°E, h10km, M4.7/33, mb4.7/33, confirmed

AEIC 10 12:51:35.6; 1.5, 50.92N, 0.06; 179.44W, 0.09, h15km, 4km, Error ellipse: s-maj=10.7km, s-min=6.3km, az=138.0

ISC 10 12:51:41.1; 2.9, 51.07N, 179.32W, h66km, 24km, mb4.0/21, mbtmp4.3/23, MS3.9/9, Error ellipse: s-maj=20.5km, s-min=12.4km, az=175.0

ISC 10 12:51:37.0; 1.4, 50.97N, 0.07; 179.24W, 0.04, h32km, 9km, n225, s1926/202, mb4.5/100, MS3.2/6, 1C, Andreanof Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

Table with columns: F2M8, Old Crow, 25.46, 34, Iamb, Amb, 12 57 04.6. Lists seismic events with station codes and magnitudes.

Table with columns: MKAR, Makanchi Array, 60.07, 308, P, P, 13 01 40.0 -0.6. Lists seismic events with station codes and magnitudes.

VAO 10 13:05:14.7; 2.1, 20.72S, 69.77W, h61km, 9km, mb4.6, Presumed earthquake. SJA 10 13:05:24.3; 0.6, 20.59S, 69.21W, h19km, 3km, ML4.6, MW4.2. NEIC 10 13:05:24.2; 2.2, 20.61S, 0.04; 69.21W, 0.08, h114km, 5km, mb4.3/9, Mw4.5(GUC), Error ellipse: s-maj=10.6km, s-min=5.8km, az=108.0. IDC 10 13:05:25.0; 0.7, 20.65S, 69.02W, h114km, 5km, mb3.6/10, mbtmp4.0/13, MS3.6/1, Error ellipse: s-maj=19.1km, s-min=16.7km, az=75.0. GFZ 10 13:05:25.4; 0.2, 21.52S, 69.99W, h108km, ML4.5, mb4.4/12, confirmed. GUC 10 13:05:26.0; 0.8, 20.59S, 69.17W, h112km, 3km, ML2.4, Presumed earthquake. ISC 10 13:05:24.7; 0.5, 20.57S, 0.03; 69.10W, 0.05, h113km, 4km, n185, s147/186, mb1.0/13, 13C-2D, Northern Chile. Code Station Name A° AZ° Phase ID Time Res ISC h m s ISC Pn Mb Ss

10d 13h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like IPOC Station P, Chusmiza, Diego Aracena, etc.

2000 DEC

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Vilhena, Vila Florida, Aquidauana, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes text descriptions for various stations and regions like Taiwan, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like NTST, NNSB, NNSH, etc., and various technical specifications such as power and bandwidth.

10d 13h

Table with columns for station code, name, frequency, and signal strength. Includes stations like WMO, WMO, WMO, etc., with various signal strength values.

2020 DEC

Table with columns for station code, name, frequency, and signal strength. Includes stations like PEAOB, PETK, PETK, etc., with various signal strength values.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like KRVT, ASAI, MDOX, etc., with various signal strength values.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Lillooet, Black Forest, Norcia, AQU, VOI, WLF, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PPT2, PAE, ELK, TIAR, YPP, HMT, TVO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TXAR, TORO, PMOZ, QSPA, ELIB, DBIC, NVL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Niukaw, Takato, Matsushiro.

SKHL 10 13:24:51.7-0.6, 44.00N-147.80E, h43km, mb4.7/3
JMA 10 13:24:52.4-0.8, 44.1N-147.8E, h96km, MV3.9, 15.1E
OFF HOKKAIDO
ISC 10 13:24:50.6-2.7, 44.0N-147.8E-0.2, h70km, n8,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kuril'sk, Nemuro, Rausu, Nemuroshibetsu.

JMA 10 13:27:14.0-0.2, 24.6N-122.0E-0.5, h75km, 2km, TAIWAN REGION
TAP 10 13:27:14.3, 24.65N-122.03E, h68km, ML4.0, C
ISC 10 13:27:14.4-1.5, 24.67N-122.04E-0.3, h71km, 8km,

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations across Taiwan like Suao, Dongshan, Wuta, Santiao Chiao, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ruisui, Iriomote-Funau, Ishigakijimahi.

JMA 10 13:27:31.3-0.2, 24.72N-122.01E, h73km, ML4.8, C
TAP 10 13:27:31.2, 24.72N-122.01E, h73km, ML4.8, C
ISC 10 13:27:31.0-1.2, 24.74N-122.03E-0.02, h76km, 5km,

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations across Taiwan like Suao, Toucheng, Suao, Shuangxi, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations across Taiwan like Ruisui, Suanglung, Taichung, etc.

JMA 10 13:29:45.8-0.1, 24.7N-122.0E-0.4, h66km, TAIWAN REGION
TAP 10 13:29:45.4, 24.66N-122.03E, h69km, ML3.6, C
ISC 10 13:29:45.1, 24.70N-122.06E-0.03, h71km, 6km, n91, c103/181, 5C, Taiwan region

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h, m, s), Residual (ISC), and ELODWT Lidau. Contains station data for the first region.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h, m, s), Residual (ISC), and ELODWT Lidau. Contains station data for the second region.

JMA 10 13:34:40.6±0.3, 24.7°N, 0°8'122.0°E, 0.3km, h81km, 3km, MV2.7/10, TAIWAN REGION TAP 10 13:34:41.1, 24.7°N, 0°122.0°E, h73km, ML3.8, B ISC 10 13:34:41.1, 24.7°N, 0°122.0°E, 0.03, h75km, 5km, n140, e1914/259, 12C, Taiwan region

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h, m, s), Residual (ISC), and ELODWT Lidau. Contains station data for the third region.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h, m, s), Residual (ISC), and ELODWT Lidau. Contains station data for the fourth region.

JMA 10 13:38:58.6±0.1, 24.7°N, 0°4'122.0°E, 0.3, h74km, 1km, MV2.3/6, TAIWAN REGION TAP 10 13:38:58.7, 24.69°N, 122.03°E, h70km, ML3.2, C ISC 10 13:38:58.4, 1.4, 24.7°N, 0°03, 122.06°E, 0.03, h74km, 6km, n102, e1905/199, 5C, Taiwan region

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h, m, s), Residual (ISC), and ELODWT Lidau. Contains station data for the fifth region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Artemis-Makis, Neapolis Lacon, Epidauros, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kununurra, Fitzroy Crossi, Warramunga Arr, etc.

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

JMA 10 14:07:31.5:0.2,24:7N:0.7:122.0E:0.4, h75km,2km, MV2.5/12, TAIWAN REGION TAP 10 14:07:31.6:1.2,24:73N:0.02:122.05E:0.03, h74km,5km, ISC 10 14:07:31.6:1.2,24:73N:0.02:122.05E:0.03, h74km,5km,

10d 14h

Table with columns: WDJ, Dajia District, 1.34 254, P, Pn, 14 07 55.3 +0.8, TWC Suao, 0.20 244, P, Pn, 14 11 09.6 -0.2, WCS, 1.21 237, S, Sn, 14 11 36.7 +0.7

2020 DEC

Table with columns: WDJ, Dajia District, 1.34 254, P, Pn, 14 07 55.3 +0.8, TWC Suao, 0.20 244, P, Pn, 14 11 09.6 -0.2, WCS, 1.21 237, S, Sn, 14 11 36.7 +0.7

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Table with columns: WDJ, Dajia District, 1.34 254, P, Pn, 14 07 55.3 +0.8, TWC Suao, 0.20 244, P, Pn, 14 11 09.6 -0.2, WCS, 1.21 237, S, Sn, 14 11 36.7 +0.7

JMA 10 14:10:58.2, 0.2, 24.7N, 0.6, 122.0E, 0.4, h76km, 2km, MV1.1/3, NEAR AMAMI-OSHIMA ISLAND, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTMZ Houxiangcun, LAY Lan-yu, LYUB Lan-yu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Kotacane, TPTI Tuntung, KCSI KCSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSTR Uzur, UZR Uzur, UZR 172nm, etc.

NEIC 10 14:12.14.2.1.1, 17.0N:0.1x146.6E:0.2, h48km, 5km, mb4.1/6, Error ellipse: s-maj=32.0km s-min=12.9km az=114.0

IDC 10 14:12.16.3.3.1, 16.85N:146.58E, h57km, 29km, mb3.5/18, mbtmp3.8/18, ML3.4/1, Error ellipse: s-maj=25.5km s-min=10.0km az=96.0

ISC 10 14:12.16.6.0.7, 16.33N:146.66E:0.2, h68km, n38, c1551/35, mb3.9/18, Mariana Islands

Main table section 1 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DPSS Saipan, GUMO Guam, H11S1 WAKE ISLAND, etc.

ASAR Alice Springs 43.46 128 P 14 22 47.0 -1.5

MKAR Makanchi Array 46.51 345 P 14 23 12.7 +0.4

KURBB Kurchatov Arra 51.01 344 P 14 23 48.0 +1.2

ZALV Zalesovo Beam 52.75 350 P 14 23 58.6 -1.1

BVAR Borovoye Array 55.59 340 P 14 24 19.9 -0.6

H04N2 CROZET ISLANDS 62.89 214 T 15 32 59.6

H04N1 CROZET ISLANDS 62.90 214 T 15 33 00.2

H04N3 CROZET ISLANDS 62.91 214 T 15 32 58.8

H04S1 CROZET ISLANDS 63.23 214 T 15 33 23.8

H04S2 CROZET ISLANDS 63.24 214 T 15 33 15.8

H04S2 CROZET ISLANDS 63.25 214 T 15 33 15.6

BJL 10 14:19:59.1, 52.56N:106.75E, h10km, mb5.0/7, mb4.3/35, M4.4/29, MS7 4.5/29

IDC 10 14:20:00.4, 0.4, 52.41N:106.38E, h0km, mb4.3/28, mbtmp4.3/36, ML3.9/7, Error ellipse: s-maj=9.0km s-min=8.5km az=23.0

NEIC 10 14:20:01.1, 1.9, 52.51N:106.41E:0.08, h10km, 1km, mb4.7/31, Error ellipse: s-maj=17.2km s-min=7.9km az=192.0

MOS 10 14:20:01.4, 1.1, 52.39N:106.45E, h16km, mb5.0/35, MS4.2/17, Error ellipse: s-maj=5.1km s-min=3.9km az=73.7

MOS Fell (V) at Angarsk, Bozoy, Bol'shaya Elan', Bokhan, Vvedenschchina, Goryachiy Klyuch, Dzerzhinsk, Yelantsy, Irkutsk, Karluk, Korskovo, Markova, Oyek, Petrovo, Plovorika, Popovo, Tyrgan, Ulan-Ude, Ust'-Ordynskiy, Khamutovo, Shelekhov, (III-IV) at Verkhny Kat, Granovshchina, Kuda, Malaya Topka, Mamony, Milyodiv, Molodyozhnyy, Novaya Razvodnaya, Usolye-Sibirskoye, (III) at Zima, Parfenovo.

BYKL 10 14:20:02.5, 0.1, 52.37N:106.43E, h19km, 2km, FELT I=IV MSK at Irkutsk, Angarsk, Markova, Pivovarka, Dzerzhinsk, Ulan-Ude, Vvedenschchina, Yelantsy, Bol'shaya Yelan', Tyrgan, Petrova, Popova, Shelekhov, Ust'-Ordynskiy, Khamutovo, Goryachiy Klyuch, Bokhan, Bozoy, Karluk, Korskovo.

GFZ 10 14:20:05.1, 0.2, 52.14N:106.61E:1.0, h21km, M4.7/29, mb4.7/29, confirmed

ISC 10 14:20:09.0, 4.5, 52.41N:106.47E:0.02, h14km, 2km, h15km:PP-P, n338, c2509/449, mb4.6/103, MS4.3/12, 26C-17D, Lake Baykal region

Main table section 2 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STDB Stepnoy Dvoret, STDB Stepnoy Dvoret, TRG Tyrgan, etc.

ASAR Alice Springs 43.46 128 P 14 22 47.0 -1.5

MKAR Makanchi Array 46.51 345 P 14 23 12.7 +0.4

KURBB Kurchatov Arra 51.01 344 P 14 23 48.0 +1.2

ZALV Zalesovo Beam 52.75 350 P 14 23 58.6 -1.1

BVAR Borovoye Array 55.59 340 P 14 24 19.9 -0.6

H04N2 CROZET ISLANDS 62.89 214 T 15 32 59.6

H04N1 CROZET ISLANDS 62.90 214 T 15 33 00.2

H04N3 CROZET ISLANDS 62.91 214 T 15 32 58.8

H04S1 CROZET ISLANDS 63.23 214 T 15 33 23.8

H04S2 CROZET ISLANDS 63.24 214 T 15 33 15.8

H04S2 CROZET ISLANDS 63.25 214 T 15 33 15.6

ARS Arshan 2.54 261 ePn Pn 14 20 43.1 -0.6

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

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ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

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ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

ZAKAMENSK Zakamensk 2.85 226 ePn Pn 14 20 57.8 -0.3

DJA 10 14:14:49.9, 0.5, 2.2N:2.9E:1.1, h18km, 5km, M4.2/24, MLV4.2/24

IDC 10 14:14:52.6, 4.8, 2.14N:98.08E, h76km, 36km, mb3.4/6, mbtmp3.7/7, Error ellipse: s-maj=66.2km s-min=17.3km az=56.0

BKK 10 14:14:56.1, 1.0, 3.1N:19.9E:1.1, h7km, 21km, M4.0/5, MLV4.0/5

ISC 10 14:14:49.5, 0.9, 2.13N:0.04E:0.06, h46km, n35, c1555/29, mb3.7/6, Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, GSI Gunungsitoli, TRSI Tarutung, etc.

HRMR HRMR 29um,0.4s eSg Sg 14 20 27.7 -2.3

HRMR HRMR 29um,0.4s eSb Sb 14 20 33.0 +0.4

UUDB Ulan-Yde 0.91 126 ePn Pg 14 20 18.8 -1.7

UUDB Ulan-Yde 16um,0.5s eSg Sg 14 20 31.2 -1.2

UUDB Ulan-Yde 16um,0.6s eSb Sb 14 20 31.1 +1.8

KELR Kotokel 1.04 69 ePn Pg 14 20 22.0 -1.0

KELR Kotokel 1.04 69 ePb Pn 14 20 23.4 +0.4

LSTR Listvyanka 1.15 243 ePn Pg 14 20 22.4 -2.0

NIZB Nizh Angarsk 3.83 27 ePn Pn 14 21 01.9 +0.6

NIZB Nizh Angarsk 3.83 27 ePn Pn 14 21 11.4 +1.3

NIZB Nizh Angarsk 3.83 27 ePn Pn 14 21 12.7 -3.9

NIZB Nizh Angarsk 3.83 27 ePn Pn 14 21 08.2 +0.6

NIZB Nizh Angarsk 3.83 27 ePn Pn 14 21 01.9 +0.6

NIZB Nizh Angarsk 3.83 27 ePn Pn 14 21 11.4 +1.3

NIZB Nizh Angarsk 3.83 27 ePn Pn 14 21 08.2 +0.6

NIZB Nizh Angarsk 3.83 27 ePn Pn 14 21 01.9 +0.6

10d 14h

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Table with multiple columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical parameters. Includes stations like ORL, CIT, KMO, ULN, SONM, YOB, SVKR, KNGR, TDJR, NLYR, BOD, MINR, VMTR, CRS, and DL2.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AAK, UCH, YSS, EKSZ, KSH2, MA2, JNU, BRLS, SEY, TRKS, IUG, SVE, CHM, BTK, ARTI, ABKAR, SKR, PETK, BILL, KIRV, CMAR, KLMR, ARCES, SPITS, SHEM, LPSR, OBNS, VORR, VSR, FINES, KIV, KBZ, NEUR, GNI, DIGO, MNK, TREC, and RAYN.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MNK, MNSK, AK03, AK04, AK05, AK06, AK07, AK08, AK09, AK10, AK11, AK12, AK13, AK14, AK15, AK16, AK17, AK18, AK19, AK20, AK21, AK22, AK23, AK24, AK25, AK26, AK27, AK28, AK29, AK30, AK31, AK32, AK33, AK34, AK35, AK36, AK37, AK38, AK39, AK40, AK41, AK42, AK43, AK44, AK45, AK46, AK47, AK48, AK49, AK50, AK51, AK52, AK53, AK54, AK55, AK56, AK57, AK58, AK59, AK60, AK61, AK62, AK63, AK64, AK65, AK66, AK67, AK68, AK69, AK70, AK71, AK72, AK73, AK74, AK75, AK76, AK77, AK78, AK79, AK80, AK81, AK82, AK83, AK84, AK85, AK86, AK87, AK88, AK89, AK90, AK91, AK92, AK93, AK94, AK95, AK96, AK97, AK98, AK99, AK100.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like RAYN, WINA, ZVC, CONA, KHC, GERES, GERES, HRFI, OBKA, KBA, EKA, P33M, YKA, ESDC, ESDC, FFC, SCHO, ULM, WRA, BMO, BMO, KMB, ASAR, ASAR, PDAR, NDAR, NVAR, DUG, DUG, RDMU, P17A, WCT, PV10, KNB, KNB, INKA, GLA, ANMO, ANMO, TORD, STKA, MAW, GSPA, VNA2, VNA1, VNA3, CPUP, JMA, TAP, ISC, Code, Station Name, Azimuth, Elevation, Phase, Time, and Resolution.

Table with 4 columns: Station Name, IAS, S, and M. Lists various stations like Wulai, National Taiwa, Xindian Distri, etc.

Table with 4 columns: Station Name, IAS, S, and M. Lists stations with coordinates and IDs, including ALS Alishan, FULB Fuli, CHNS Chingshui, etc.

Table with 10 columns: Code, Station Name, Az, Az2, Op, Phase, ID, Res, Time, Res, IAS. Contains detailed data for stations like Puerto Galera, Tagaytay City, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IPOC Station P, Pan de Azucar, Diego Aracena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Timber Creek, Nushagak Hills, Kilauea, etc.

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

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like GUMO Guam, YULB Yu-li, TPUB Ta-pu, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MEEK Meekatharra, CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like NWAOW Narrogin (SRO), BBOO Buckleboo, KSAR Warramunga Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NIUE Niue, CASY Casey, KIWB Kanaga Island, and many others across various bands.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various stations.

JMA 10 15:08:56.6,0.2,24.77N,0.5,122.2E,0.7,h9km,MV2.7/8, TAIWAN REGION

JMA 10 15:16:34.5,0.3,22.27N,1.1,122.47E,0.0,6,h40km,MV3.6/11, FAR S OFF ISHIGAKIJIMA

IDC 10 15:34:41.3,1.1,3.81S,151.05E,h0km,mb3.4/4, mbmp3.5/4, Error ellipse: s-major=29.4km s-min=19.6km

Main table for JMA 10 15:08:56.6,0.2,24.77N,0.5,122.2E,0.7,h9km,MV2.7/8, TAIWAN REGION. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other technical details.

Main table for JMA 10 15:16:34.5,0.3,22.27N,1.1,122.47E,0.0,6,h40km,MV3.6/11, FAR S OFF ISHIGAKIJIMA. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other technical details.

Main table for IDC 10 15:34:41.3,1.1,3.81S,151.05E,h0km,mb3.4/4, mbmp3.5/4, Error ellipse: s-major=29.4km s-min=19.6km. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other technical details.

JMA 10 15:09:08.0,0.2,24.77N,0.6,122.0E,0.4,h80km,2km, MV3.0/14, TAIWAN REGION

JMA 10 15:15:11.0,1.1,24.76N,0.0,122.03E,h68km,ML3.8,6 ISC 10 15:15:11.1,1.1,24.76N,0.0,122.04E,0.0,2,h69km,5km, n118,0.89/209,3C, Taiwan region

IDC 10 15:34:41.3,1.1,3.81S,151.05E,h0km,mb3.4/4, mbmp3.5/4, Error ellipse: s-major=29.4km s-min=19.6km

Main table for JMA 10 15:09:08.0,0.2,24.77N,0.6,122.0E,0.4,h80km,2km, MV3.0/14, TAIWAN REGION. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other technical details.

Main table for JMA 10 15:15:11.0,1.1,24.76N,0.0,122.03E,h68km,ML3.8,6 ISC 10 15:15:11.1,1.1,24.76N,0.0,122.04E,0.0,2,h69km,5km, n118,0.89/209,3C, Taiwan region. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other technical details.

Main table for IDC 10 15:34:41.3,1.1,3.81S,151.05E,h0km,mb3.4/4, mbmp3.5/4, Error ellipse: s-major=29.4km s-min=19.6km. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other technical details.

10d 16h

Table with station names and coordinates. Includes ASAR Alice Springs, MKAR Makanchi Array, BVAR Borovoye Array, and TORO Torodi Ar. Bea.

JMA 10 16:00:42.3±0.2, 24.77N±0.5, 122.02E±0.4, h83km, 1km, MV3.0/14, TAIWAN REGION
TAP 10 16:00:43.2±0.2, 24.71N±0.5, 122.00E, h73km, ML4.0, C
ISC 10 16:00:42.9±1.2, 24.73N±0.02, 122.02E±0.02, h77km, 4km,

Main station list table for 10d 16h. Columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from TWC Suao to NJN Zhunan.

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Main station list table for 2020 DEC. Columns: Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from ESLS Shilin to EAST Anshuo.

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Table with station names and coordinates. Includes SSPT Xinbi, WSSB Gushan, PTMZ Houxiangcun, PTMZ Fangliu, SCNS Lan-yu, LAY Lan-yu, LYJJ Jianjiangzhen, LYJJ Shizi, XPCS Dashiqiu, XPSS Lan-yu, LYUB Lan-yu, LYUB Qimei, JIRJ Hrabujima, TWKB Hengchun, TWKB Chin-men Tao, KNMB Jialang, ZPLA Ao Xicun, ZPLA Dongshan, DSXP Dongshan.

IDC 10 16:06:32.4±1.4, 1.29S, 127.30E, h0km, mb3.4/2, mbmp3.4/4, ML3.7/2, Error ellipse: s-maj=26.7km s-min=20.5km az=5.0
DJA 10 16:06:35.0±0.2, 1.52±12.7E, h10km, M3.9/17, mB4.7/2, mB4.2/3, MLV3.8/17, Mw(mB)3.9/2
ISC 10 16:06:35.8±1.0, 1.28S, 0.05±127.33E±0.06, h25km, n14,

Table with station names and coordinates. Includes Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from SANI Sanana to WRA Warrungana Arr.

AEIC 10 16:17:41.5±1.3, 53.49N±0.06, 165.89W±0.07, h44km, 9km, Error ellipse: s-maj=9.5km s-min=3.8km az=151.0
NEIC 10 16:17:41.3±1.1, 53.42N±0.03, 165.85W±0.05, h34km±10km, ML3.5/16, ML3.1(AEIC), Error ellipse: s-maj=4.6km s-min=3.3km az=121.0, Fox Islands

Main station list table for AEIC and NEIC. Columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from WREL Makushin Rep't to ILSW Iliamna South.

Table with columns: ID, Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like N19K, CNPM, K17K, etc.

NEIC 10 16:33:09.1±1.9, 37.13N±0.06; 71.6E±0.1, h114km±7km, mb4.2/33, Error ellipse: s-maj=13.0km s-min=8.0km az=117.0

IDC 10 16:33:09.5±0.4, 37.09N±0.17; 71.73E, h119km±33km, mb3.5/11, mbmp4.0/17, Error ellipse: s-maj=29.4km s-min=14.2km az=35.0

NNC 10 16:33:10.1±5.3, 37.26N±0.71; 44E, h98km±75km, mb3.7, mpv4.4, Error ellipse: s-maj=44.1km s-min=29.3km az=6.0

ISC 10 16:33:07.2±0.5, 37.04N±0.04; 71.59E±0.05, h106km±112, z±201/127, mb4.1/27, 3C-4D, Afghanistan-Tajikistan

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KBL, KSH2, SRNI, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DMN, AB31, PKIN, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MSAG, SGRT, OT07, etc.

ROM 10 16:42:11.5±0.1, 41.802N±0.010; 16.060E±0.008, h30km, ML2.7/72, Error ellipse: s-maj=1.1km s-min=0.5km

10d 17h

Table with columns: ZEVE, comp=E, 1um, 0.5s, IAML, 1726 17.0, TAP Taipei, 0.60 305 / P Pn, 1732 00.1 0.0, JKRS Kuro-shima, 1.84 104 P Pn, 1732 16.4 +0.7

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Table with columns: BLOC Balcova, 0.63 13 P S, Pp, 1726 09.2 +0.1, YHNB Yeheng, 0.61 268 P S, Pn, 1732 00.7 +0.3, JKRS Kuro-shima, 1.84 104 P Pn, 1732 16.4 +0.7

Table with columns: BLOC Balcova, 0.63 13 P S, Pp, 1726 09.2 +0.1, YHNB Yeheng, 0.61 268 P S, Pn, 1732 00.7 +0.3, JKRS Kuro-shima, 1.84 104 P Pn, 1732 16.4 +0.7

JMA 10 17:31:45.6:0.2,24:7N:0.7:122:0E:0.5, h75km, 2km, MV3.3/14, TAIWAN REGION

TAP 10 17:31:46.3:24:67N:122:02E, h68km, ML4.1, B IDC 10 17:31:46.5:5.1,24:76N:122:23E, h96km, 49km, mb3.3,1, mbmp3.5/5, Error ellipse: s-maj=37.3km s-min=25.3km az=59.0

ISC 10 17:31:46.2:0.8,24:69N:0.02,122:05E:0.02, h72km, 4km, n168, s19:04/293, mb3.4/4, 13C, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase, Op, ISC, Time, Res, ISC

JMA 10 17:34:21.6:0.2,24:7N:0.5:122:0E:0.4, h73km, 2km, MV2.2/9, TAIWAN REGION

TAP 10 17:34:21.7:24:70N:122:04E, h69km, ML3.1, B ISC 10 17:34:22.4:1.4,24:70N:122:03E:0.03, h67km, 7km, n67, c0668/122, 8C, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase, Op, ISC, Time, Res, ISC

JMA 10 17:34:21.6:0.2,24:7N:0.5:122:0E:0.4, h73km, 2km, MV2.2/9, TAIWAN REGION

TAP 10 17:34:21.7:24:70N:122:04E, h69km, ML3.1, B ISC 10 17:34:22.4:1.4,24:70N:122:03E:0.03, h67km, 7km, n67, c0668/122, 8C, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase, Op, ISC, Time, Res, ISC

Table with columns: Code, Station Name, Δ Az, Phase ID, Time, Res. Includes stations like NNSB, NACB, NACB, NNS, NNS, ANP, ANP, TWS1, etc.

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

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

IDC 10 17:42:35.9, 1.2, 54.62N; 159.99W, h0km, mb3.8/1, mbtmp3.8/13, ML3.3/2, MS3.5/2, Error ellipse: s-maj=30.9km s-min=15.5km az=173.0

NEIC 10 17:42:39.9, 2.0, 54.53N; 0.07, 159.80W; 0.07, h26km, 6km, mb4.1/9, ML3.8/20, ML3.0(AEIC), Error ellipse: s-maj=1.0, 7km s-min=5.5km az=161.0

AEIC 10 17:42:39.9, 1.9, 54.53N; 0.03, 159.74W; 0.07, h11km, 3km, Error ellipse: s-maj=5.6km s-min=4.0km az=95.0

ISC 10 17:42:40.5, 1.1, 54.66N; 0.07, 159.74W; 0.03, h32km, 6km, n113, s1561/114, mb3.9/14, South of Alaska

IDC 10 18:15:06.9, 2.4; 56N; 122.00E, h59km, mb4.9/32, mb4.7/72, MS1.0/9, Ms4.5/7, Ms7.4/2/53

ASIES 10 18:15:08.3, 0.2; 53N; 121.99E, h63km, Mw4.9, Fault plane solution: N1P1, λ=4.00000°, δ75.00000°, λ2.00000°, λ139.00000°

MOS 10 18:15:08.7, 1.1, 24.57N; 122.10E, h84km, mb5.2/45, Error ellipse: s-maj=9.7km s-min=4.5km az=112.6

JMA 10 18:15:08.6, 2.4; 53N; 121.97E, h63km, ML5.8, B MD4.9/12, MW4.9/12, TAIWAN REGION

JMA Felt J1 at TAIWAN REGION. NEIC 10 18:15:08.7, 2.4; 52N; 122.01E, h66km, mb5.2/225, MW4.9/10, Error ellipse: s-maj=8.2km, s-min=6.9km az=172.0

NEIC 10 18:15:08.7, 2.4; 52N; 122.01E, h66km, mb5.2/225, MW4.9/10, Error ellipse: s-maj=8.2km, s-min=6.9km az=172.0

NIED 10 18:15:08.3, 2.4; 48N; 121.98E, h67km, MW5.0, Moment Tensor Solution. s3 Moment tensor: Scale 1016Nm; Mn=0.79; Mw=2.02; Mx=1.23; My=1.05; Mz=1.68; Mw=1.89; Fault plane solution: Ms3.23000x1016 NPT1, λ=70.00000°, δ4Y, 00000°, λ=168.00000°. NP2, λ=331.00000°, δ81.00000°, λ=46.00000°

IDC 10 18:15:09.3, 0.6, 24.60N; 122.11E, h76km, 5km, mb4.2/26, mbtmp4.6/33, MS3.7/66 Error ellipse: s-maj=12.6km, s-min=9.8km az=66.0

GFZ 10 18:15:09.2, 0.2, 25°N; 122°E, h66km, ML4.8/42, mb5.0/42, Error ellipse: s-maj=5.1km s-min=4.7km az=35.1, confirmed

GCMT 10 18:15:09.7, 0.2, 24.58N; 0.02, 121.91E; 0.02, h71km, 2km, MW5.0/104, Moment Tensor Solution. s37, C46;

s104.c151; Duration: 0 Moment tensor: Scale 1016Nm; Mn=1.26; L2: Mw=0.67; L1: Mw=1.93; L1: Mw=0.55; 06; Mw=1.70; 09; Mw=2.30; 07; Best doublet: Mw=3.35700x1016 NPT1, λ=64.00000°, δ38.00000°, λ157.00000°. NP2, λ=172.00000°, δ76.00000°, λ54.00000°. Principal axes: T 3.1820, Plg46.0000, Azm45.0000; N 0.3520, Plg35.0000, Azm182.0000; P -3.5320, Plg23.0000, Azm289.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function NEIC 10 18:15:12.2, 2.4; 42N; 122.01E, h60km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 1016Nm; Mn=1.43; Mw=0.86; Mw=2.29; Mw=0.63; Mw=1.69; Mw=1.72; Fault plane solution: Ms3.23000x1016 NPT1, λ=60.86000°, δ45.28000°, λ154.32000°. NP2, λ=169.55000°, δ72.07000°, λ47.70000°. Principal axes: T 2.9297, Plg46.0000, Azm37.0000; N 0.4866, Plg40.0000, Azm185.0000; P -3.4163, Plg16.0000, Azm289.0000

ISC 10 18:15:08.7, 2.4; 52N; 122.01E; 0.02, h69km, 1km, h69km; P-P, n72, s1535/886, mb5.0/220, 104C-36D

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

Table with columns: Code, Station Name, Δ Az, Phase ID, Time, Res. Includes stations like CNBA, CNBA, CNBA, CNBA, SDPT, etc.

10d 18h

2020 DEC

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Table with columns for location, date, time, and various numerical values. Includes entries for locations like Yonaguni jima, Hsinchu, Taichung, and various international cities like London, New York, and Tokyo.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HFS Hagfors, KOLS Kolonic sedl, RES Resolute Bay, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PAHR Pah Rah Range, PNTR Pine Nut, CMB Columbia Colle, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LQP Lukban, SIJI Sorong, TTSI Tana Toraja, etc.

10d 19h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KDJ Kajias, FUNA Funafuti, AAK Ala-Archa, ZALV Zalesovo Beam, etc.

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

NORS 10 18:53:56.9, 41.71N:43.21E, h15km, MPVA3.6
MOS 10 18:53:57.8, 41.71N:43.22E, h3km, MPVA3.8
TIF 10 18:53:57.0, 41.74N:43.27E, h14km
DRS 10 18:53:59.5, 41.44N:42.85E, h15km
ISC 10 18:53:57.3, 41.1, 41.69N:0.02-43.32E:0.02, h7km, 10km, n46, e1529/91, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like AKH Akhalkalaki, BGD Bogdanovka, TRLG Trialeti, etc.

20 DEC

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DLMR Dylm, KMKR Kumukh, ARKR Arakani, etc.

IDC 10 18:56:39.5, 0.6, 3.61S:144.29E, h0km, mb4.2/13, mbtmp4.2/17, ML3.6/3, MS3.3/17, Error ellipse: s-maj=17.4km s-min=11.3km az=56.0
NEIC 10 18:56:40.8, 2.5, 3.61S:0.008x144.28E:0.07, h10km, 1km, mb4.4/22, Error ellipse: s-maj=13.8km s-min=11.7km az=181.0
DJA 10 18:56:50.6, 4.5, 3.3S:12.2x14.4E:3.0, h37km, 19km, M4.6/18, mb4.8/18, mb5.2/19, MLV4.4/5, Mw(mb)4.6/9
ISC 10 18:56:43.6, 0.5, 3.65S:0.06x144.25E:0.06, h31km, n83, e1956/66, mb4.4/22, MS3.5/12, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MANU Manus Island, JAY Jayapura, JAY Jayapura, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SLUI Saumlaki, SAUI Saumlaki, MTN Manton Dam, etc.

WRA Warramunga Arr 18.86 210 P P 19 01 01.2 -0.1
WRA Warramunga Arr 18.86 210 P P 19 01 01.2 -0.1
WRA Warramunga Arr 18.86 210 P P 19 01 01.2 -0.1
WRA Warramunga Arr 18.86 210 P P 19 01 01.2 -0.1
WRA Warramunga Arr 18.86 210 P P 19 01 01.2 -0.1

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WBO Warramunga Arr, WRS Warramunga Arr, etc.

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

UPP 10 19:00:42.0, 4.0, 6.7S:08N:20.95E, h0km, ML 1.8, Suspected explosion
HEL 10 19:00:42.8, 0.2, 6.7S:10N:20.90E, h0km, ML 1.8, Explosion
IDC 10 19:01:20.4, 1.4, 6.7S:08N:20.88E, h0km, mbtmp2.8/4, ML 1.9/4, Error ellipse: s-maj=25.6km s-min=12.3km az=115.0
ISC 10 19:01:42.8, 0.7, 6.7S:10N:20.92E:0.02, h0km, n45, e1963/65, Sweden

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, GSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DUNU Dunderet, MASU Masugnshbyn, ERTU Ertsjaerv, etc.

ASAR Alice Springs 50.84 252 P P 19 52 20.6 -0.3
ASAR Alice Springs 50.84 252 P P 19 52 20.6 -0.3
ASAR Alice Springs 50.84 252 P P 19 52 20.6 -0.3
ASAR Alice Springs 50.84 252 P P 19 52 20.6 -0.3
ASAR Alice Springs 50.84 252 P P 19 52 20.6 -0.3

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

ISK 10 19:03:36.7, 34.85N:33.92E, h50km, 1km, ML2.6/17
GRAL 10 19:03:38.0, 5.34S:90N:34.08E, h0km, 7km, MD3.1

NIC 10 19:03:38.9, 34.98N, 33.89E, h50km, 1km, M2, 1/11
GII 10 19:03:39.7, 0.0, 34.735N, 0.02, 33.850E, 0.001, h0km,
MWS2.5, confirmed
ISC 10 19:03:38.8, 1.2, 34.94N, 0.03, 33.91E, 0.03, h51km, 6km,
n58, n064/94, 2C, 1D, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Parlimni Civi, Parlimni, Mavrovouni, Larimki, Lefkose, Athalassa, Mathiatis, Asgata, Erenkoy, Xyliatos, Troodos, The Sanctuary, Alefka, Nata, Tisan-Mersin, Akkuyu-Mersin, Kargicak-Mersin, Yesilovcuk-Mersin, Akamas, Isiklik, Tepekey-Mersin, Orenkoy-Mersin, Teke-Mersin, Bozyazi-Mersin, Bereket-Mersin, Keben-Mersin, Tevekalti-Mersin, Mersin, Zehle, Rachaya, Chebaa, Kiryat Shemona, Neve Ativ, Karaman, Mount Meron ar, Zefat, Kefar Nahum, Ofer, Keshet, Mount Malkishu, Safit, Argaman, Yitav, Amatzia, Mazada, Ghor Haditha, Kziot, Idan, Mount Ramon, Mount Harif, Elat.

ML3.1/46, Error ellipse: s-maj=6.0km s-min=-4.3km
az=191.0
IDC 10 19:18:20.1, 1.8, 44.92N, 106.76W, h0km, mbtmp3.4/2,
ML3.2/2, Error ellipse: s-maj=62.0km s-min=12.8km
az=137.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Red Lodge, Lasa Array, Greycliff, Yellowstone No, Black Hills, Black Hills, Casper, Mirror Lake Pl, Norris Junctio, Holmes Hill, Pitchstone Pla, Boulder Array, Pinedale Array, Pinedale Array, Madison River, Hebgen Lake, Horse Butte, Bozeman (W), Dillon, Granite Butte, Red Mountain, Blindstream Ca, Newport, LAC DU BONNET, Lac du Bonnet, ULM, Galela, Maluku, Ternate, Manado, Sorong, Warramunga Arr, Alice Springs, Makanchi Array.

DJA 10 19:39:55.9, 0.8, 3.7N, 142.23E, h20km, 6km, M3, 9/7,
mb4.3/1, MLV3.7/7
IDC 10 19:39:59.1, 5.5, 2.75N, 128.89E, h101km, 69km, mb3.1/3,
mbtmp3.5/4, ML3.8/1, Error ellipse: s-maj=156.1km
s-min=23.5km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Galela, Maluku, Ternate, Manado, Sorong, Warramunga Arr, Alice Springs, Makanchi Array.

IDC 10 19:57:26.6, 3.7, 37.42N, 142.23E, h0km, mb3.4/2,
mbtmp3.3/3, ML2.2/1, Error ellipse: s-maj=71.0km,
s-min=24.2km az=11.0
JMA 10 19:57:32.9, 0.0, 37.7N, 0.1, 141.7E, 0.2, h52km, MV3, 4/40,
E OFF FUKUSHIMA PREF

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Ishinomakikobu, Minamisoumatoc, Kawouchi, Marumori, Ouri, Iwakimizuishiy, Okura, OTAMA OYAMA, Kesennumamotoy, Ichinoseki, Shitataka, Matsushiro Arr, WAKE ISLAND Hy 28.16 122, WAKE ISLAND Hy 28.16 122.

baz=316,slow=75,SNR=3.9
WAKE ISLAND Hy 28.16 122 T T 20 33 42.2
WAKE ISLAND Hy 28.89 124 T T 20 34 39.7
WAKE ISLAND Hy 28.89 124 T T 20 34 35.8
WAKE ISLAND Hy 28.91 124 T T 20 34 37.5
Warramunga Arr 57.69 188 P P 20 07 17.7 -0.8
Alice Springs 61.42 188 P P 20 07 43.9 -0.3

JMA 10 20:10:11.0, 0.0, 2.246N, 0.5, 122.0E, 0.4, h73km, 2km,
MV2, 8/11, TAIWAN REGION
TAP 10 20:10:11.2, 24.63N, 122.04E, h69km, ML3.6, C
ISC 10 20:10:11.0, 1.2, 24.35N, 0.02, 122.05E, 0.02, h74km, 4km,
n171, n1803/323, 2C, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Suao, Su ao, Toucheng, Ilan, Dongshan, Wuta, Neicheng, Santiao Chiao, Nanau, Shuangxi, Aohua, Fushanzhiwuyua, Eos3, Heping Village, Grass Mountain, Wu-fen Shan, Datong, Datong Townshi, Wulai, National Taiwa, Xindian Distri, Eos4, Taipei, Taipei, Fush Village, Sanguang, Ninganchiao, Datong, Datong, New Taipei Cit, Xiulin Townshi, Zhuzhiu, Chiawan, Anpu, Kuangyinsshan, Chenhua, Danshui, Taoyuan, Hualien, Guanxi Townshi, Yonagunijimaku, Fushu, National Centr, Wufeng Townshi, Xiulin Townshi, Hehuan Shan, Zhudong, Yanliu Villag, Tachien, Yonaguni jima, Techu, Emei, Hsinchu, Hsinchu, Nanjuang, Shoufeng, Pengchaiyu, Xinxu Township, Hsinchu, Hsinchu, Shilin, Jichi Village, Renai.

10d 20h

Table with columns: Station Name, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Zhanan, Renai, Fenglin Townsh, etc.

2020 DEC

Table with columns: Station Name, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PHUB, TAWH, WSSB, etc.

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Table with columns: Station Name, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like WHP, WWP, WARB, etc.

10d 20h

Table with columns: AFI, comp, Z, fmax, pmax, and various frequency/offset values. Includes stations like AFIAmalu, SANVUSararoutou, RARarotonga, etc.

2000 DEC

Table with columns: CTA, Charters Tower, 32.85 284, P, P, and various frequency/offset values. Includes stations like HTTCharters Tower, CTAOCharters Tower, etc.

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Table with columns: GENI, Genyem, 48.17 300, P, P, and various frequency/offset values. Includes stations like KMBLKambalda, MTNManantlan, etc.

Table with columns for station name, location, frequency, and other technical details. Includes stations like GUMO Guam, PMSA Palmer Station, and various local stations.

Table with columns for station name, location, frequency, and other technical details. Includes stations like PMSA Palmer Station, KMIJ Cimerak, and various international stations.

Table with columns for station name, location, frequency, and other technical details. Includes stations like H03S3 Juan Fernandez, LL03 Petrohue, and various international stations.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Kodiak Island, Pine Mountain, IPOC Station P, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TNCH, SCS, SCSac, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ULM, BDFB, WMQ, etc.

Table with columns for name, coordinates, and status. Includes entries like NBPA Parau RN, MHTO MHTO, WSAR Wadi Sarin, JMDO Jabal Madar, NBVP Pedro Velho, etc.

Table with columns for name, coordinates, and status. Includes entries like GNI Garni, GNI Garni, GNI Garni, STEI Steigen, LOFI Lotofen, etc.

Table with columns for name, coordinates, and status. Includes entries like MNK Kziot, KZIT Kziot, NB2 NORRAR Subarrat15.04, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MORC, SURR, CHVC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MEM, MEMB, UCC, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like SMG, SMG, SMG, etc.

ATH 10 20:42:29.2, 37:74N-26:85E, h15km, ML3.3/8, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
THE 10 20:42:29.6, 38°N-1°26'E, h13km, M3.2/12, MLh3.2/12
AFAD 10 20:42:29.7, 37:79N-26:86E, h7km, 3km, ML3.1
ISK 10 20:42:29.3, 37:79N-26:88E, h18km, ML3.2/10
ISC 10 20:42:29.0, 37:77N-26:84E, 0.02, h16km, 4km, n75, 0.94/0.96, Dodecanese Islands

10d 20h

GFZ 10:20:48:57.5, 17:68S:174:73W, h11km, Mw6.0/52, Moment Tensor Solution. Moment tensor: Scale 10^18Nm...

NEIC 10:20:48:57, 17:55S:174:85W, h10km. mb5.9/488, Ms1.0, 5.7507, Mw6.5/977, Error ellipse: s-maj=16.8km s-min=5.1km z=46.0...

ISC 10:20:48:58.1, 0.5, 17.58S:174.64W:0.0, h19km, 1h19km, P, N1298, z630/864, mb5.8/370, MSS.7/331, 90C-82D Tonga Islands

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

2020 DEC

Main table listing seismic events with columns: HNR, Station Name, Time, Magnitude, Location, and other event details.

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Table listing seismic events with columns: HIL, Station Name, Time, Magnitude, Location, and other event details.

10d 20h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BO02 Sierra Bellavi, MT09 Talagante, VNA2 Neumayer-Watz, etc.

2020 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TNCH TengChong, FFC Flin Flin, R40A Maddies Statio, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like AAA Alma-Ata, KSH2 Kashi, KSH2 Karatay Array, etc.

Table with columns: SIM, Name, RA, Dec, Az, El, and other parameters. Includes stations like Simferopol, Cedros, Belisk, etc.

Table with columns: UCC, Name, RA, Dec, Az, El, and other parameters. Includes stations like Uccle, Uccle, Uccle, etc.

Table with columns: GHAJ, Name, RA, Dec, Az, El, and other parameters. Includes stations like Pinarhisar, Pinarhisar, Pinarhisar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MHZQ, AXDP, ZPLA, DSXP.

IDC 10 21:34:01.6:1.2, 37.70N:142.65E, h0km, mb3.4/6, mbmp3.4/8, ML2.4/2, Error ellipse: s-maj=22.9km s-min=17.0km az=114.0

Main table section for 501, listing various station codes (JIKH, JIJO, JJKF, etc.) and their coordinates and data.

IDC 10 21:36:04.1:999.0, 55.56N:7.16E, h0km, Error ellipse: s-maj=2897.0km s-min=285.3km az=72.0, North Sae

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I43RU, DUBNA, INFRASONI.

KRNET 10 21:42:26.8:0.1, 42.160N:80.39E, mb2.9 NNC 10 21:42:27.9:2.4, 42.82N:80.27E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=28.3km s-min=12.3km az=20.0

Main table section for 501, listing various station codes (KTMS, SHLS, SHLS, etc.) and their coordinates and data.

NNC 10 22:05:07.4:5.5, 41.34N:79.42E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=53.0km s-min=34.9km az=84.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC, ML3.0/7, KRNET.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHLS, SHLS, KTMS, etc.

Main table section for 2020 DEC, listing various station codes (SHLS, KTMS, PRZ, etc.) and their coordinates and data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NNC, KRNET, SOME, etc.

Main table section for 10d 22h, listing various station codes (KURS, KURS, KOTS, etc.) and their coordinates and data.

NEIC 10 22:15:03.2:1.6, 51.44N:0.07:176.55W:0.02, h35km, 2km, mb3.9/86, ML4.3/10, ML3.8(AEIC), Error ellipse: s-maj=11.1km s-min=3.0km az=181.0

AEIC 10 22:15:03.2:2.0, 51.48N:0.07:176.55W:0.06, h34km, 2km, Error ellipse: s-maj=9.8km s-min=5.7km az=176.0

IDC 10 22:15:04.7:4.0, 51.83N:176.89W, h52km, 34km, mb3.4/9, mbmp3.7/10, ML4.8/1, Error ellipse: s-maj=34.2km s-min=16.8km az=171.0

Main table section for 10d 22h, listing various station codes (ETKA, ETKA, ADK, etc.) and their coordinates and data.

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes entries like Tigyukauivert M, Kokkov River B, Timber Creek, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes entries like Franklin Bluff, Miner Creek, Barlow Dome, Hart River, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes entries like Yarmirca-Ladik, Buyukkizoglu-L, Bala, Ankara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like TOLK, F15K, K29M, D22K, HYT, etc.

11d Oh 22:51:54.21.0.7, 11S:108.78E, h0km, mb3.8/6, mbmp3.8/7, ML3.6/1, Error ellipse: s-maj=31.9km s-min=13.3km az=28.0

DJA 10 22:51:56.50.1.7, S:2.10'9E, h10km, M4.1/37, mb4.2/1, MLv4.0/37

ISC 10 22:51:55.50.7.0, 7.04S:108.74E, h10km, n34, a111/30, mb3.8/6, JAWA

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KPJI, JCJI, SCJI, etc.

11d Oh 23:27:51.0.1.0, 32.24N:130.22E, h0km, mb3.4/7, mbmp3.4/10, ML2.8/3, Error ellipse: s-maj=17.5km s-min=12.1km az=105.0

NIED 10 23:27:52.9.0.2, 32.2N:0.1:130.3E:0.1, h1km, MV3.8/20, AMAKUSA REGION

JMA Felt III J1 at AMAKUSA REGION

ISC 10 23:27:52.4.1.4, 32.21N:130.26E:0.06, h7km, 11km, n18, r130/25, mb3.4/7, 6D, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JHD, JKO, JZO, etc.

SJA 10 23:36:40.2.0.7, 24.24S:67.21W, h185km, 6km, ML3.2, MW3.6, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SALTA, AF01, SLA, etc.

RNSD 10 23:38:20.2.0.5, 0'N:3'8'1W, h92km, 11km, M3.5, mb3.5, ML2.8

IGQ 10 23:38:31.7.0.5, 0'N:2'8'1W, h10km, M3.5/19, Mjma3.6/19, ML3.7/18, MLv3.3/19

ISC 10 23:38:28.7.2.2, 0.34N:0.05:80.98W:0.08, h8km, 11km, n46, r148/52, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CAB1, JAMA, ABH2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LITE1, SUCR, TUMC, etc.

11d Oh 23:42:06.9.3.8, 23.68N:143.55E, h130km, 23km, mb3.4/6, mbmp3.8/7, Error ellipse: s-maj=90.2km s-min=25.0km az=79.0

ISC 10 23:41:54.4.1.9, 23.7N:144.1E:0.6, h28km, n10, r1903/8, mb3.9/6, Volcano Islands region

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

NEIC 10 23:56:01.0.2.0, 4.10S:0.08:129.0E:0.1, h134km, 9km, mb111.0, Error ellipse: s-maj=17.2km s-min=11.0km

11d Oh 23:56:02.8.3.5, 4.03S:129.32E, h159km, 45km, mb3.4/3, mbmp4.0/6, Error ellipse: s-maj=76.5km s-min=17.6km az=84.0

DJA 10 23:56:02.5.0.5, 4'S:4'12'E, h134km, 5km, M4.0/12, MLv4.0/12

ISC 10 23:56:01.4.0.6, 4.06S:129.08E:0.06, h150km, n27, r162/32, mb3.9/5, Banda Sea

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

WRA Warrungarra Arr 16.60 162 P P 23 59 44.5 -0.8

WRA Warrungarra Arr 16.60 162 P P 23 59 43.6 -1.8

WRA Warrungarra Arr 16.60 162 P P 23 59 45.3 -0.7

WRA Warrungarra Arr 16.60 162 P P 00 00 27.3

MBWA Marble Bar 19.27 207 P P 00 00 14.3 -0.3

AS31 Alice Springs 20.04 167 P P 00 00 24.8

ASAR Alice Springs 20.04 167 P P 00 00 23.7 +0.9

ASAR Alice Springs 20.04 167 P P 00 00 24.1 +1.2

ASAR Alice Springs 20.04 167 P P 00 00 24.7 +0.8

EVN Everest 51.67 311 P P 00 04 54.7 +0.8

EVN Everest 51.67 311 P P 00 04 55.9

MKAR Makanchi Array 65.28 327 P P 00 06 28.3 +1.1

KURBB Kurchatov Arr 69.54 328 P P 00 06 54.8 +0.9

VNDA Vanda 75.46 173 P P 00 07 28.7 +0.3

VNDA Vanda 75.46 173 P P 00 07 38.0

RAYN Ar Rayn 85.73 294 P P 00 08 25.2 +1.0

OSPA South Pole Quik 85.90 180 P P 00 08 25.0 +0.8

OSPA South Pole Quik 85.90 180 P P 00 08 54.9 +0.5

Table with columns: YUK, S, pmax, S, pmax, 00 52 18.0 -2.2, etc. Lists various stations and their parameters.

IDC 11 01:11:58.2:794.0,29.26N:79.56W,h0km, Error ellipse: s-maj=394.0km s-min=57.6km az=124.0, Off east coast of United States

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

IDC 11 01:19:42.4:1.7, 8.43S:127.18E,h0km,mb3.3/1, mbtmp3.6,ML3.93, Error ellipse: s-maj=41.7km s-min=18.3km az=73.0, Timor region

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

2020 DEC

Main table of seismic stations including WRA, ASAR, ASAR Alice Springs, ASAR Makanchi Array, etc. with columns for Code, Station Name, A° AZ°, Phase ID, Op, ISC, h m s, Time, Res.

Table of seismic stations including RTZ, PLAI, THZ, KHZ, RPZ, RPZ Rata Peaks, MEEK, KKM, etc. with columns for Code, Station Name, A° AZ°, Phase ID, Op, ISC, h m s, Time, Res.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns for station name, frequency, and other details. Includes stations like Matakaoa Point, Rimuhau, Puketiti, Great Barrier, Te Maari, Waatarua, Waiau, Army Bay, East Tongariro, Waioamatatini S, West Tongariro, Taurewa, Otutere, Carnaghy Statio, Ngauruhoe, Aropoanui, Chateau Observ, Kokohu, Paritu Road, Far West T-bar, Kaweka Forest, Turoa, Wahianoa, McNeill Hill, Moawhango, Pokaka, Mangateitei, Mahia Peninsul, Vera Road, Kereru, Cape Kidnapper, Kahuranaki, Pukenui, Waipu Caves, Wanganui, Pawanui, Waipukurau, Pukeiti, Takapari Road, Kahui Hut, Kahui Hut, Dannevirke, Post Office Ro, Angora Road, Birch Farm, Mangatainoka R, Mangatainoka R, Otaki Gorge, Kapiti Island, Te Maipa, Mount Morrison, Cannon Point, D'Urville Isla, Traveller, Paruwai Farm, Moikau Station, Moikau Station, South Karori, South Karori, Tory Channel, Tory Channel, Baring Head, Palliser, Tuamarina, Nelson, Takaka Hill, Takaka Hill, Quartz Range, Quartz Range, Quartz Range, Blackbirch Sta, Matariki Terra, Tophouse, Kahutara, Kahutara, Kahutara, Denniston Nort, Greta Valley S, Lake Taylor, Oxford, Okains Bay, MoQueen's Vall, Rakaka, Mount Hutt.

Table with columns for station name, frequency, and other details. Includes stations like WACZ Wakunui South, ARFC Arundel, ROZ Fox Glacier, TDMZ Timaru, ODZ Otahua Downs, ODZ Otahua Downs, JCY Jackson Bay, JCY Jackson Bay, SYZ Scrubby Hill, SYZ Scrubby Hill, Alice Springs, Alice Springs, ASAR Alice Springs, ASAR Forrest, WRR Warramunga Arr, WRR Warramunga Arr, WRA Warramunga Arr, WBO Warramunga Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, TROLL Troll, Antarti, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, KURK Kurchatov, KURB Kurchatov, FINES FINESS Array B, KOLS Kolonitche sedl, MAN 11 04:10:09.0, GFZ 11 04:10:09.6, NEIC 11 04:10:11.7, ISC 11 04:10:09.2, Code Station Name, LQP Lukban, GGP Guinayangan, BUSB Coron, IBAJ Ibjajay, IBAJ Ibjajay, BOLP Bolinoe, SZP Santa, SZP Santa, SIPP Brgy, Tapao, SIPP Brgy, Tapao, PPR Puerto Princes, LLP Lapu-Lapu, LLP Lapu-Lapu, VULB Palo, VULB Palo, SSSLB Suanlung, QJW Qiongzhong, QJW Kungimang, JOW Kungimang, WHN Wuhan, WHN Nanjing, NJ2 Kappang, KAPI Kappang, CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, CHTO Chiang Mai, JNU Nakatsue, IPM Iloh, IPM Iloh, IPM Iloh, LYN Luoyang, LYN Luoyang, JTY Tsubushima, JTY Tsubushima, JIU Kappang, JIU Kappang, TIA Tsaihan, TIA Tsaihan, XAN Xi'an, XAN Xi'an, CD2 Chengdu, CD2 Chengdu, SOEI Soe, SOEI Soe, HNS HongShan, HNS HongShan, RPSI Rantau Prapat, RPSI Rantau Prapat, NPWS Nanyitaw, NPWS Nanyitaw, KSRK Korea Array, KSRK Korea Array, BBJJ Bungbulang, BBJJ Bungbulang.

Table with columns for station name, frequency, and other details. Includes stations like BBJJ Bungbulang, BBJJ Beijing, BBJ2 Beijing, LZH Lanzhou, LZH Lanzhou, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BTO2 Baotou, BTO2 Baotou, BTO2 Gaotai, BTO2 Gaotai, USRK Ussuriysk Ar, USRK Ussuriysk Ar, USRK Gomu, USRK Gomu, BINX Binxian, BINX Binxian, EVN Everest, EVN Everest, HILR Hailar Array B, HILR Hailar Array B, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, SOMM Songrio Array, SOMM Songrio Array, SOMN Songrio Array, SOMN Songrio Array, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, HEH Heihe, HEH Heihe, ASAR Alice Springs, ASAR Alice Springs, PALK Palkelele, PALK Palkelele, TLY Talaya, TLY Talaya, TLY Talaya, MORW Morawa, MORW Morawa, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, TARG Taragay, TARG Taragay, ASAI AK-SAY, ASAI AK-SAY, KSH2 Kashi, KSH2 Kashi, BOOM Boomskoeye usch, BOOM Boomskoeye usch, BBOO Buclebleu, BBOO Buclebleu, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array, BVAR Borovoye Array, BVAR Borovoye Array, BORK Borovoye, BORK Borovoye, TIXI Tiksi, TIXI Tiksi, NRK Noril'sk, NRK Noril'sk, AB31 Akbulak array, AB31 Akbulak array, ABKAR Akbulak array, ABKAR Akbulak array, BILL Biilbino, BILL Biilbino, BILL Biilbino, BILI Biilbino, BILI Biilbino, ARTI Arti, ARTI Arti, RAYN Ar Rayn, RAYN Ar Rayn, F15K Nor-Shar Dnt, F15K Nor-Shar Dnt, HAKT HAKKARI, HAKT HAKKARI, KBZ Khabaz, KBZ Khabaz, RDG Red Dog Mine, RDG Red Dog Mine, KEMA Kemaliye, KEMA Kemaliye, APRR Arapsi-MALATY, APRR Arapsi-MALATY, IMAR Indian Mountain, IMAR Indian Mountain, CAST Castle Rocks, CAST Castle Rocks, BPAW Bear Paw Mtn, BPAW Bear Paw Mtn, MLY Manley, MLY Manley, NEAK Neak, NEAK Neak, MCK McKinley, MCK McKinley, RND Reindeer, RND Reindeer.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Wells, Eielson Array, Ghor Haditha, ARCES Array B, etc.

IDC 11 04:19:02.0:31.0, 19.06S:178.28W, h0km, mb3.9/5, mb2.9/5, mbtmp3.9/5, Error ellipse: s-maj=118.8km s-min=44.1km az=90.0, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, etc.

NNC 11 04:42:39.8:0.4, 42.54N:76.48E, h0km, mb4.3, mpv4.1, Error ellipse: s-maj=3.1km s-min=1.8km az=177.0

KRNET 11 04:42:39.1:0.1, 42.51N:76.50E, h22km, mb3.9

SOME 11 04:42:39.5: 42.53N:76.53E, h10km

KNET 11 04:42:41.9:0.4, 42.53N:76.32E, h10km, 1km, ml3.2, Error ellipse: s-maj=3.0km s-min=1.2km az=62.0

IDC 11 04:42:50.2:3.6, 42.99N:77.47E, h0km, mb2.9/1, mbtmp3.3/5, ML2.6/3, Error ellipse: s-maj=41.1km s-min=26.9km az=169.0

ISC 11 04:42:40.0:1.0, 42.51N:0.02:76.48E, h0km, mb3.8km, n83, r120/141, 39C-27D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Ulahol, Boomskoye usch, Maitube, etc.

Main table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Almaty, Kandybulak, Kots, Degeres, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Sufi-Kurgan, Kashi, Boroday, etc.

IDC 11 04:52:31.0:1.0, 39.52S:46.28E, h0km, mb3.9/5, mbtmp4.0/5, Error ellipse: s-maj=132.4km s-min=22.1km az=19.0

ISC 11 04:52:35.1, 2.397S:0.8:46.2E:0.3, h10km, n13, r1917/7, mb4.0/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CROZET ISLANDS, BOSHO, SUR, etc.

IDC 11 05:00:56.8:4.4, 55.47N:86.06E, h0km, mbtmp2.6/2, ML2.4/2, Error ellipse: s-maj=32.5km s-min=23.6km az=14.0

ASRS 11 05:00:51.0:1.0, 55.76N:85.99E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZALV, etc.

OTT 11 05:03:28.0:0.1, 72.40N:76.03W, h18km, MN2.1/3, 74km southeast from Pond Inlet, Nu Eastern Arctic Background Seismic Zone, Baffin Island region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Pond Inlet, Clyde River, etc.

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Igloolik, Nunavut, and comp-Z.

IDC 11 05:21:42.8-1.1, 22.90N:144.02E, h0km, mb3.8/10, mbtmp3.8/11, ML3.9/1, Error ellipse: s-maj=42.8km s-min=16.7km az=74.0

ISC 11 05:21:48.3-1.0, 23.1N:0.1x143.9E:0.3, h34km, n15, r1506/13, mb3.8/9, Volcano Islands region

Main table for 11d 6h section, listing stations like Korea Array, WAKE ISLAND, WARRAMUNGA ARR, ASAR Alice Springs, etc.

UCR 11 05:24:13.9-0.7, 10.69N:85.20W, h4km, 1km, MW4.5, Presumed earthquake

CATAC 11 05:24:14.7-0.2, 11.1N:1.8W:5W, h4km, 2km, M3.3/13, MLV3.3/13, Error ellipse: s-maj=4.6km s-min=2.4km az=58.1, confirmed

ISC 11 05:24:14.4-0.9, 10.69N:0.02:85.19W:0.02, h5km, 5km, n49, r0566/58, BC-1D, Costa Rica

Main table for 11d 6h section, listing stations like HORNC, COLC, MESS, CLARA, etc.

IDC 11 05:24:13.7-1.3, 10.91S:162.41E, h0km, mb3.7/4, mbtmp3.8/6, ML3.5/2, MS3.3/6, Error ellipse: s-maj=36.4km s-min=26.4km az=91.0

ISC 11 05:24:20.0-1.1, 11.1S:0.1x162.4E:0.2, h46km, n12, r049/6, mb3.6/4, MS3.2/3, Bougainville-Solomon Islands region

Main table for 11d 6h section, listing stations like HNR, DZM, DZM, PMG, CTA, etc.

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GQSA, ILAR, etc.

IDC 11 05:31:35.6-1.2, 51.48N:82.53E, h0km, mbtmp2.9/2, ML2.3/2, Error ellipse: s-maj=17.7km s-min=9.4km az=119.0

NMC 11 05:31:47.3-0.3, 51.15N:82.65E, h23km, 25km, mb2.9, mpv2.4, Error ellipse: s-maj=23.4km s-min=15.5km az=42.0, Suspected Mining explosion

ISC 11 05:31:30.0-1.2, 51.05N:0.04:83.48E:0.06, h0km, n8, r1538/11, 5C-3D, Southern Siberia

Main table for 2020 DEC section, listing stations like ZALV, KURK, KURB, etc.

SKHL 11 05:32:50.1-0.2, 44.50N:148.80E, h79km, 9km, mb4.7/3, JMA 11 05:32:51.2-0.8, 44.1N:3.14E:1, h30km, MV3.8/16, SE OFF ETROFOLU

MOS 11 05:32:51.9-1.9, 44.69N:148.49E, h73km, mb4.0/3, Error ellipse: s-maj=16.9km s-min=14.5km az=72.2

ISC 11 05:32:52.0-2.2, 44.57N:0.09:148.8E:0.2, h72km, 15km, n27, r1566/38, mb3.8/3, Kuril Islands

Main table for 2020 DEC section, listing stations like KUR, YUK, NEM, etc.

SEY Sychuan 18.51 5 eP P 05 37 01.5 -0.6

BILL Bilibino 25.25 15 eP P 05 38 15.1 +4.2

TIXI Tiksi 28.81 347 iP P 05 38 41.6 -1.1

TIXI Tiksi 28.81 347 eP P 05 38 41.6 -1.1

AAK Ala-Archa 52.06 296 eP P 05 41 54.4 0.0

AAK Ala-Archa 52.06 296 eP P 05 41 54.4 0.0

IDC 11 05:40:11.2-1.0, 17.17S:175.09W, h0km, mb3.7/6, mbtmp3.8/7, ML3.6/1, MS3.3/2, Error ellipse: s-maj=49.5km s-min=23.6km az=144.0

ISC 11 05:40:12.7-0.9, 17.1S:0.3x175.1W:0.2, h10km, n13, r0818/8, mb3.9/6, Tonga Islands

Main table for 2020 DEC section, listing stations like AFI, AFI, AFI, etc.

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QSPA, PETK, etc.

IDC 11 05:53:15.2-6.5, 22.88S:179.53W, h454km, 70km, mb2.9/4, mbtmp3.9/5, Error ellipse: s-maj=42.7km s-min=24.3km az=35.0

ISC 11 05:53:20.8-1.2, 23.1S:0.2x179.7W:0.2, h526km, n6, r1591/6, mb3.4/4, South of Fiji Islands

Main table for 510 section, listing stations like URZ, ASAR, WRA, etc.

IDC 11 06:07:38.2-0.7, 49.48S:121.39E, h0km, mb4.3/8, mbtmp4.3/8, MS3.7/10, Error ellipse: s-maj=37.8km s-min=16.2km az=101.0

NEIC 11 06:07:40.1-1.1, 49.5S:0.1x121.4E:0.2, h10km, 1km, mb4.7/22, Error ellipse: s-maj=21.7km s-min=18.3km az=95.0

ISC 11 06:07:39.8-0.5, 49.50S:0.08:121.4E:0.1, h10km, n58, r0555/48, mb4.6/15, MS3.6/10, Western Indian-Antarctic Ridge

Main table for 510 section, listing stations like H01W1, H01W2, H01W3, etc.

Table with columns: Code, Station Name, Az, AzI, Phase ID, Time, Res, ISC. Includes stations like Everest, Lhasa, Paso Flores, Sonmi, ILAR, FINES, TXAR, PDAR, NOR, EKA, YKA, DAG, NEEM.

JMA 11 06:11:05.6:0.2, 241°6N:0'0.6:122°0'E:0.4, h73km, 2km, MV2/3/10, TAIWAN REGION

TAP 11 06:11:05.8:24.67N:122.03E, h71km, ML3.2, B ISC 11 06:11:06.1:0.6:1.3, 247°66N:0'0.3:122.04E:0'0.3, h67km, 6km, n69, e067/121, 4C, Taiwan region

Main table with columns: Code, Station Name, Az, AzI, Phase ID, Time, Res, ISC. Lists numerous stations including TWC, ESAO, NTC, ILA, EIOS2, NDS, EWUT, TWE, TWB, ENA, TIPB, FUSB, EAHA, EIOS3, SX11, WFSB, NDT, LATG, NTL, NWH, TNOU, NHH, EIOS4, YHNB, NSK, ETL, NACB, NNSB, YM01, ZUH, ZUH, ETHL, ANP, TWD, TWS, TWY, NTST, KSHI, FUSS, NFF, JYNG, LXIB, WHF, TWT, YOJ, YOH, TDCB, LIOB, NNTT, PCYT, SBCB, SHUL, HSN, WHP, WUSB, WCS, WVDT, HGSD, SMLT, SSSLB, EHYH, WHYT, TWF1, WCHH, FULB, ALS, WCKO, JKRS, JUJ.

KRNET 11 06:16:44.5:1.6, 40.98N:78.10E, h16km, mb3.2 NNC 11 06:16:45.4:1.6, 41.00N:78.11E, h0km, mb3.6, mpv3.2 Error ellipse: s-maj=10.7km s-min=6.8km az=168.0 SOME 11 06:16:45.2:1.413N:78.08E, h5km ISC 11 06:16:47.3:1.6, 41.01N:0.07:78.05E:0.04, h10km, n40,

Table with columns: Code, Station Name, Az, AzI, Phase ID, Time, Res, ISC. Lists stations in the Kyrgyzstan-Xinjiang border region including TARG, KDJJ, PRZ, NRR, ANVS, ULHL, SATY, BOOM, TNSH, TNS, MDOK, KOTS, SHLS, KPKS, PDGK, KST, KST, TKM2, DGS, DGS, DGS, UCH, BLB, AAK, AAK, ARKS, ARXS, SALK, SALK, KRBS, KRBS, KNOS, KNOS, USP, DJR, DJR, EKS2, EKS2.

IDC 11 06:19:01.0:0.9, 31°54'S:76°81'E, h0km, mb4.0/13, mbmp4.0/13, MS3.9/45, Error ellipse: s-maj=34.7km s-min=20.4km az=72.0

NEIC 11 06:19:02.6:1.4, 31°54'S:0'06:76°7'E:0.1, h10km, 1km, mb4.7/25, Error ellipse: s-maj=19.1km s-min=10.4km az=281.0

GCMT 11 06:19:04.6:0.3, 31°70'S:0'02:76°63'E:0'02, h18km, 1km, MW4.9/98, Moment tensor Solution, s24,c26; s98,c137; Duration: 0 Moment tensor Scale 1016Nm; Mw=0.75; L2; Mw=1.54; 09; Mw=2.29; 11; Mw=0.35; 22; Mw=1.07; 37; Mw=0.18; 20; Best double couple; Mw=2.56100x10^12 NP1=0.116, 0.00000, 0.79, 0.00000, -1, -170, 0.00000. NP2=0.244, 0.00000, 0.88, 0.00000, -1, -11, 0.00000. Principal axes: T 2.8840, P1g1.0000, Azm70.0000; N -0.6500, P1g75.0000, Azm163.0000; P -2.2380, P1g15.0000, Azm340.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 11 06:19:02.4:0.5, 31°55'S:0'08:76°7'E:0.1, h10km, n98, e064/50, mb4.4/25, MS3.9/45, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzI, Phase ID, Time, Res, ISC. Includes stations AIS, H082.

Table with columns: Code, Station Name, Az, AzI, Phase ID, Time, Res, ISC. Lists stations including H08S1, H08S2, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, COCO, H01W2, H01W3, H01W1, NWA0, LEM, PALK, PSI, IPM, BOS, MATP, LBTB, FITZ, KDWA, KIBK, SUR, KMBO, KAPI, BATI, KSAN, KSAN, ASAR, ASAR, ASAR, WRA, WRA, WRA, CMAR, CMAR, CMAR, TSMU, STKA, TROLL, MORE, VNSA, VNSA, VNSA, QSPA, QSPA, VNA2, VNA3, SIJI, DAV, CTA, NIL, NIL, KBL, KBL, JAY, HRA, HRA, PMG, LZDM, EIL, AAK, AAK, AAK, THZ, KK31, KK31, KKAR, PDGK, MMAI, KRVT, JOW, MAK2, MKAR, MKAR, MKAR, MKAR, DZM, GUM, GUM, GUM, GUM, BRTR, BRTR.

KRNET 11 06:16:44.5:1.6, 40.98N:78.10E, h16km, mb3.2 NNC 11 06:16:45.4:1.6, 41.00N:78.11E, h0km, mb3.6, mpv3.2 Error ellipse: s-maj=10.7km s-min=6.8km az=168.0 SOME 11 06:16:45.2:1.413N:78.08E, h5km ISC 11 06:16:47.3:1.6, 41.01N:0.07:78.05E:0.04, h10km, n40,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Keskin Array B, Kurchatov Arra, Nakatsue, etc.

IDC 11 06:22:41.0, 2.1, 24.165:66.98W, h163km, 21km, mb3.5/2, mbmp4.0/7, Error ellipse: s-maj=37.1km s-min=17.1km az=112.0

SJA 11 06:22:41.5, 0.5, 24.105:66.98W, h138km, ML3.9, MW3.7 NEIC 11 06:22:41.7, 1.6, 24.165:0.07:67.2W:0.1, h192km, 7km, mb4.4/11, ML3.9(GUC), Error ellipse: s-maj=13.9km s-min=9.4km az=100.0

GUC 11 06:22:43.1, 0.7, 24.055:67.39W, h213km, 6km, ML4.3, Presumed earthquake

VAO 11 06:22:46.3, 1.7, 23.785:66.74W, h197km, 8km, mb4.1, Presumed earthquake

ISC 11 06:22:40.8, 0.6, 24.135:0.04:67.14W:0.04, h182km, 7km, n115, s155/145, mb4.5/5.3C, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SALTA, AF01, AF01, etc.

Table with columns: PBO2, IAML, Time, Res. Includes stations like IPOC Station P, TINO, AC06, etc.

IDC 11 06:28:48.7, 1.4, 32.50N:140.23E, h94km, 5km, mb3.3/7, mbmp3.7/9, Error ellipse: s-maj=72.0km s-min=9.8km az=69.0

JMA 11 06:28:51.5, 0.1, 32.7N:0.4:14.0E:1.7, h99km, 1km, MW3.4/23, E OFF HACHUJIMA ISLAND

ISC 11 06:28:49.3, 0.9, 32.53N:105.140W:0.05:140.3E:0.1, h105km, 7km, n20, s113/29, mb3.7/7, Southeast of Honshu

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sonmo, MKAR, Kurrb, WRA, BVAR, ASAR, FINES, etc.

IDC 11 06:30:00.2, 3.5, 53.65N:87.96E, h0km, mbtmp2.7/2, ML2.5/2, Error ellipse: s-maj=28.0km s-min=21.1km az=27.0

ASRS 11 06:29:59.0, 0.3, 53.57N:87.87E, h0km, M2.7(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, Kurrb, MKAR, etc.

WEL 11 06:35:26.3, 1.1, 33.5S:10.17W:2.7, h33km, M4.8/28, mb5.4/15, ML4.6/20, MLv4.8/28, Mw(mb)4.8/15, Error ellipse: s-maj=37.1km s-min=4.9km az=108.2

IDC 11 06:35:35.5, 5.8, 33.84S:179.33W, h177km, 49km, mb3.0/3, mbtmp3.7/4, Error ellipse: s-maj=51.1km s-min=31.4km az=42.0

NOU 11 06:36:10.6, 37.34S:179.81W, h0km, mb4.7/6, East of North Island, NZ

ISC 11 06:35:32.2, 1.3, 33.7S:0.1:179.0W:0.2, h105km, n58, s155/159, mb3.3/3, South of Keradec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, Green Lake, WMGZ, PKGZ, etc.

Table with columns: BKZ, MCHZ, CKHZ, etc. Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cape Kidnapper, Te Maari, East Tongariro, etc.

WRA Warramunga Arr 43.48 276 P 06 43 19.0 -1.7
GSPA South Pole Qui 56.44 180 P 06 44 56.9 -1.1

FINES FINESSE Array B 147.88 337 PKPbc 06 54 57.8 +2.2
NB2 NORSAR Subarray151.83 349 PKPbc 06 55 09.4 +1.0

NOA NORSAR Array B 151.83 349 PKPbc 06 55 09.2 +0.7
HFS Havgfors 152.25 346 PKPbc 06 55 10.0 +0.7

IDC 11 06:44:17.6:3.2, 53.69N:88.11E, h0km, mbtmp:6.2, ML2.5/2, Error ellipse: s-maj=24.5km s-min=18.1km az=76.0

NNC 11 06:44:18.8:8.9, 53.41N:88.46E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=71.8km s-min=40.5km az=61.0, Suspected Mining explosion.

ASRS 11 06:44:20.0:1.1, 53.59N:88.00E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 11 06:44:18.0:3.5, 53.6N:0.1:86.3E:0.2, h0km, n9, az=13/14, 4C-9D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, Zalesovo Array, Kurchatov, etc.

RNSC 11 07:01:00.9:0.0, 6.1N:6.7W, h17km, 11km, ML0.6, Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ciudad Bolivar, Guyana, Caldas, San Jos del P, etc.

NNC 11 07:12:46.0:1.2, 49.67N:81.83E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=16.5km s-min=2.9km az=54.0, Suspected Mining explosion.

IDC 11 07:12:46.9:1.2, 49.71N:81.57E, h0km, mbtmp:2.4/3, ML 1.6/3, Error ellipse: s-maj=15.8km s-min=10.0km az=86.0

ISC 11 07:12:45.2:1.0, 49.52N:0.05:81.43E:0.06, h0km, n8, az=99/11, 4C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kurchatov, Kurchatov Arra, Makanchi, etc.

ZALV 0.2nm, 0.3s, baz=206, slow=18, SNR=2.5 Lg Lg 07 15 15.3
ZALV 0.3nm, 0.3s, baz=200, slow=26, SNR=8.9 Lg Lg

IDC 11 07:29:22.0:3.14, 0.56:92N:42:88E, h0km, Error ellipse: s-maj=122.5km s-min=66.3km az=91.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUBNA INFRASON, AKTYUBINSK INF, ZALESOVO INFRA, etc.

IDC 11 07:30:16.0:4.4, 55.61N:86.37E, h0km, mbtmp:2.5/2, ML2.3/2, Error ellipse: s-maj=33.2km s-min=26.3km az=8.0

ASRS 11 07:30:16.0:1.5, 55.52N:86.07E, h0km, M2.5(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, Zalesovo Beam, Kurchatov, etc.

IDC 11 08:09:13.4:0.8, 54.18N:161.92E, h0km, mb3.6/9, mbtmp:3.7/10, ML4.3/2, Error ellipse: s-maj=34.0km s-min=13.4km az=155.0

NEIC 11 08:09:14.7:1.9, 54.2N:0.2:161.85E:0.06, h10km, 2km, mb4.0/13, Error ellipse: s-maj=32.5km s-min=3.0km az=349.0

KRSC 11 08:09:15.6:0.8, 54.51N:161.41E, h21km, 12km, ML4.4, Felt [III-IV] at kordon Kronoki.

MOS 11 08:09:16.0:0.6, 54.51N:161.53E, h24km, mb3.9/6, Error ellipse: s-maj=9.3km s-min=4.2km az=69.7

ISC 11 08:09:17.1:1.0, 54.54N:0.03:161.39E:0.03, h23km, 7km, n124, e1935/161, mb3.7/13, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mys Kozlova, Kizimen, Tumrok, etc.

ISC 11 08:16:00.0:1.6, 3.82S:127.79E, h0km, mb3.9/2, mbtmp:1.5, ML3.4/3, MS2.7/3, Error ellipse: s-maj=37.6km s-min=24.3km az=93.0

DJA 11 08:16:00.9:0.4, 4.5S:12.8E, h10km, M4.0/11, mb4.6/2, MLV3.8/11

ISC 11 08:16:03.6:1.0, 3.91S:0.08:127.85E:0.06, h30km, n13, az=162/13, Seram

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Semkarok, Koryaka, Esso, Sorokina, Dalny, Ganaly, etc.

KRMR 08 10 30.4 +2.3 S Sn
KRMR Karymshinskiy 2.58 230 eS Sn
KRMR 08 09 58.8 +1.3 P Sn

PEAOB Petropavlovsk 2.61 238 Pn Sn
PEAOB 08 09 59.1 +1.2 P Sn
PEAOB 08 09 58.6 +0.2 S Sn

PETK Petropavlovsk 2.61 238 Pn Sn
comp=N.14nm, 0.3s, baz=38, slow=24, SNR=5.4

PETK 08 10 32.0 +3.1 S Sn
PETK Petropavlovsk 2.61 238 AML AML 08 09 58.2 +0.3

RUS Russkaya 2.72 220 Pn Sn 08 09 59.1 -0.2
RUS 08 10 30.6 -0.8 P Sn

RUS Russkaya 2.72 220 eS Sn 08 09 59.1 +2.1
BKI Bering 2.73 74 eS Sn 08 10 30.7 -0.8

GRL Gorelyy 2.81 226 Pn Sn 08 10 19.9 +1.3
GRL 08 10 35.5 +1.7 P Sn

MTRV Mutnovka 2.81 224 Pn Sn 08 10 13.6 +0.6
MTRV 08 10 34.7 +0.8 P Sn

MTRV Mutnovka 2.81 224 eS Sn 08 10 14.1 +0.6
APC Apacha 2.99 239 Pn Sn 08 10 34.7 +0.8

APC Apacha 2.99 239 eS Sn 08 10 35.1 +1.3
ASAK Asacha 3.00 225 Pn Sn 08 10 47.1 +1.4

ASAK Asacha 3.00 225 eS Sn 08 10 42.2 +3.7
KDR Khotutka, Kamc 3.38 217 Pn Sn 08 10 42.3 +3.7

KDR Khotutka, Kamc 3.38 217 eP Sn 08 10 08.9 +0.5
MIPR Malaya Ipe'ka 3.58 233 Pn Sn 08 10 13.5 +2.4

MIPR Malaya Ipe'ka 3.58 233 eP Sn 08 10 13.5 +2.4
PAU Pauzhetka 4.13 224 Pn Sn 08 10 19.9 +1.2

PAU Pauzhetka 4.13 224 eP Sn 08 10 20.0 +1.2
SKR Severo-Kuril's 5.02 222 Pn Sn 08 10 32.5 +1.6

SKR Severo-Kuril's 5.02 222 eP Sn 08 10 32.5 +1.6
SHEM Shemya Is, Ala 7.77 98 Pn Sn 08 11 04.3 -4.3

SHEM Shemya Is, Ala 7.77 98 AML AML 08 11 03.5 -5.2
SHEM Shemya 7.77 98 Pn Sn 08 11 04.1 -4.6

SMY Shemya 7.77 98 Pn Sn 08 11 04.1 -4.6
JKA Kamikawa-asahi 16.03 237 Pn Sn 08 13 01.4 +0.5

JKA Kamikawa-asahi 16.03 237 Iamb Iamb 08 13 20.0
ASAJ Ashikawa 16.03 237 P pmax Pn 08 13 01.4 +0.5

ERM Erimo 17.37 231 Pn Pn 08 13 16.3 -1.5
ERM Erimo 17.37 231 P/P 08 13 19.5 +0.5

JTM Tenmabayashi 19.31 233 P Iamb Iamb 08 14 21.5 +1.2
F15K North Star DT 19.98 43 P Pn 08 13 48.8 -0.5

H17K Granite Mount 21.73 46 P Iamb Iamb 08 14 06.8 +0.5
H17K 08 14 31.0 +0.5

E18K Tukpahleark C 22.04 39 P P 08 14 09.5 -0.2
C18K Utukok River 22.23 36 P P 08 14 11.1 -0.7

H18K Honhosa River 22.41 46 P P 08 14 13.2 -0.5
F19K Honhosa 22.96 42 P P 08 14 19.3 -0.1

MJAO Matsu Arr-Jizo 24.03 231 eP P 08 14 30.2 0.0
MJAO comp=Z.1, 0nm, 0.5s

MJB9 Matsu-Tunnel 24.05 231 P Iamb Iamb 08 14 27.8 -2.6
MJB9 comp=Z.8, 3nm, 1.3s

MJAR Matsushiro Arr 24.05 231 P P 08 14 29.6 -0.8
comp=Z.1, 6nm, 0.6s, baz=29, slow=4.9, SNR=4.2

MJAR Matsushiro Arr 24.05 231 P Iamb Iamb 08 14 28.6 -1.8
MJAR comp=Z.4, 2nm, 1.4s

MJAR Matsushiro Arr 24.05 231 P P 08 14 28.6 -1.8
MJAR comp=Z.4, 0nm, 1.5s

IMAR Indian Mountai 24.42 44 P P 08 14 32.3 -1.2
HILR Hailar Array B 25.80 276 P P 08 14 49.1 +2.9

HILR Hailar Array B 25.80 276 P Iamb Iamb 08 14 49.1 +2.9
E24K Your Creek 26.69 40 P P 08 14 53.5 -0.6

E24K Your Creek 26.69 40 Iamb Iamb 08 14 56.3
ILAR Eielson Array 27.26 47 P P 08 14 58.4 -0.8

G29M Pine Creek 30.72 42 P P 08 15 29.9 -0.1
SONM Songoing Array 34.34 282 P P 08 16 06.1 +4.3

SONM Songoing Array 34.34 282 P Iamb Iamb 08 16 04.3 +2.5
SONM comp=Z.1, 9nm, 1.4s

SONM Songoing Array 34.34 282 P P 08 16 04.3 +2.5
SONM comp=Z.2, 0nm, 1.4s

H112W WAKE ISLAND HY 35.00 171 T T 08 53 11.0
H112W comp=Z.5, slow=16, SNR=516

H113W WAKE ISLAND HY 35.02 171 T T 08 53 10.2
H113W baz=355, slow=76, SNR=569

H111N WAKE ISLAND HY 35.02 171 T T 08 53 10.9
H111N baz=365, slow=76, SNR=799

H1151 WAKE ISLAND HY 36.19 171 T T 08 54 44.0
H1151 baz=362, slow=76, SNR=15

H1153 WAKE ISLAND HY 36.21 171 T T 08 54 40.4
H1153 baz=362, slow=76, SNR=12

H1152 WAKE ISLAND HY 36.14 171 T T 08 54 40.4
H1152 baz=362, slow=76, SNR=14

YKA Yellowknife Arr 41.58 44 P P 08 17 02.2 -0.4
YKA comp=Z.0, 5nm, 0.6s, baz=301, slow=8.1, SNR=8.4

YKA Yellowknife Arr 41.58 44 eP Pmax Pmax 08 17 02.5 -0.1
YKA comp=Z.1, 0nm, 0.6s

KURK Kurchatov 47.63 301 P Pmax Pmax 08 17 50.4 -0.5
KURK comp=Z.1, 0nm, 1.0s

TXAR Lajitas Array 69.38 68 P P 08 20 22.9 -0.1
comp=Z.0, 1nm, 0.4s, baz=328, slow=6.3, SNR=4.9

WRA Warramunga Arr 77.72 206 P P 08 21 10.8 -1.0
comp=Z.0, 4nm, 0.6s, baz=23, slow=6.2, SNR=4.7

WRA Warramunga Arr 77.72 206 eP P 08 21 11.3 -0.5
FITZ Fitzroy Crossi 78.53 215 P P 08 21 15.5 -0.8

ASAR Alice Springs 81.39 205 P P 08 21 31.4 -0.4
comp=Z.1, 1nm, 0.3s, baz=19, slow=5.5, SNR=2.9

GSPA South Pole Qui 144.29 180 PKP PKPab 08 28 46.6 -1.1
comp=Z.0, 7nm, 0.9s, baz=42, slow=1.7, SNR=6.0

11d 9h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sorong, Kappang, Fitzroy Crossi, Warramunga Arr, Alice Springs, etc.

IDC 11 08:17:54.75, 1.21'63S, 173'36E, h0km, mb3.5/3, mbtmp3.5/3, MS3.3/1, Error ellipse: s-maj=251.0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nonsavu, DZM, AFI, HNR, ASAR, WRA, ILAR, GERES.

GCG 11 08:30:04.2, 1.7, 13.58N, 91.98W, h5km, 18km, MD3.8, Presumed earthquake

CATAC 11 08:30:06.8, 1.4, 14.14N, 7.92W, h4km, 6km, M3.1/7, MLV3.1/7, Error ellipse: s-maj=16.6km s-min=9.1km

MEX 11 08:30:06.0, 6.0, 6.13'63N, 92.30W, h12km, 91km, MD4.0, Presumed earthquake

ISC 11 08:30:02.4, 1.9, 13.49N, 0.08'2.05W, h2km, 16km, n19, c1361/32, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Retalhuleu, El Palmar, Huehuetenango, Cerro Verde, etc.

IDC 11 08:38:22.0, 0.5, 1.43N, 126.13E, h0km, mb4.2/20, mbtmp4.2/23, ML3.9/3, MS3.6/7, Error ellipse: s-maj=21.1km s-min=9.6km az=76.0

NEIC 11 08:38:24.1, 1.0, 1.61N, 0.04'126.46E, h10km, 1km, mb4.5/24, Error ellipse: s-maj=10.3km s-min=7.6km az=275.0

DJA 11 08:38:25.0, 0.3, 2.14N, 12.6E, h10km, M4.4, 18, MB5.0/2, mb4.6/6, MLV4.3/18, Mw(MB)4.2/2, Mw(MWP)4.3/1, MwPd, 8/1

ISC 11 08:38:23.9, 0.4, 1.52N, 0.05'126.40E, h10km, n76, c1374/75, mb4.4/32, MS3.5/7, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ternate, GAMI, MNI, Cbinong, etc.

ISC 11 08:53:40.2, 3.2, 53.559N, 98.00E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=26.9km s-min=15.6km az=63.0

ASRS 11 08:53:38.0, 0.8, 53.558N, 97.64E, h0km, M2.5(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 Tolitoli, FAKI, Kappang, Warramunga Arr, etc.

2020 DEC

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

IDC 11 08:58:57.8, 4.3, 18.43N, 147.22E, h68km, 37km, mb3.4/11, mbtmp3.8/13, ML3.5/2, MS3.1/2, Error ellipse: s-maj=45.4km s-min=15.6km az=86.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BBOO, KSRs, STKA, MJAR, HHC, HHC, CAN, CAN, USKR, USKR, EVN, HILR, etc.

IDC 11 09:03:10.5, 3.5, 54.20N, 87.36E, h0km, mbtmp2.9/2, ML2.7/2, Error ellipse: s-maj=26.7km s-min=18.4km az=73.0

ASRS 11 09:03:11.0, 1.1, 54.16N, 87.13E, 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 KURBB, KURK, KK31, KK31, KKAR, BVAR, NRIK, NRIK, etc.

IDC 11 09:03:10.5, 3.5, 54.20N, 87.36E, h0km, mbtmp2.9/2, ML2.7/2, Error ellipse: s-maj=26.7km s-min=18.4km az=73.0

ASRS 11 09:03:11.0, 1.1, 54.16N, 87.13E, 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 AB31, ABKAR, VVDA, VVDA, MAW, MAW, J17K, VVBM, SBA, SBA, C18K, C18K, BRTR, GQSA, GQSA, etc.

IDC 11 09:14:38.2, 1.8, 17.38S, 175.01W, h0km, mb3.9/6, mbtmp3.9/7, ML3.7/1, MS3.5/3, Error ellipse: s-maj=109.1km s-min=10.0km az=148.0

ISC 11 09:14:40.5, 2.0, 16.95S, 0.01'175.17W, 0.4, h10km, n15, c1899/7, mb4.0/6, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, etc.

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

IDC 11 08:58:57.8, 4.3, 18.43N, 147.22E, h68km, 37km, mb3.4/11, mbtmp3.8/13, ML3.5/2, MS3.1/2, Error ellipse: s-maj=45.4km s-min=15.6km az=86.0

ISC 11 08:58:57.8, 4.3, 18.43N, 147.22E, h68km, 37km, mb3.4/11, mbtmp3.8/13, ML3.5/2, MS3.1/2, Error ellipse: s-maj=45.4km s-min=15.6km az=86.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO, GUMO, H11S, H11S, H11S, H11S, H11N, H11N, H11N, H11N, H11N, H11N, etc.

IDC 11 09:03:10.5, 3.5, 54.20N, 87.36E, h0km, mbtmp2.9/2, ML2.7/2, Error ellipse: s-maj=26.7km s-min=18.4km az=73.0

ASRS 11 09:03:11.0, 1.1, 54.16N, 87.13E, 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, ZALV, ZALV, KURBB, KURBB, BVAR, BVAR, YKA, YKA, FINES, FINES, etc.

IDC 11 09:03:10.5, 3.5, 54.20N, 87.36E, h0km, mbtmp2.9/2, ML2.7/2, Error ellipse: s-maj=26.7km s-min=18.4km az=73.0

ASRS 11 09:03:11.0, 1.1, 54.16N, 87.13E, 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, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, etc.

IDC 11 09:14:38.2, 1.8, 17.38S, 175.01W, h0km, mb3.9/6, mbtmp3.9/7, ML3.7/1, MS3.5/3, Error ellipse: s-maj=109.1km s-min=10.0km az=148.0

ISC 11 09:14:40.5, 2.0, 16.95S, 0.01'175.17W, 0.4, h10km, n15, c1899/7, mb4.0/6, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, AFI, DZM, DZM, H11N, H11N, H11N, H11N, WRA, WRA, ASAR, ASAR, NVAR, NVAR, TXAR, TXAR, ANMO, ANMO, ILAR, ILAR, PDAR, PDAR, H03S2, H03S2, H03S1, H03S1, H03S3, H03S3, etc.

11d 9h

Table with columns for station code, name, time, and various status indicators (L, P, S, etc.). Includes stations like SSE, Nanjing, Guangzhou, Wuhhan, ChangSha, etc.

2020 DEC

Table with columns for station code, name, time, and various status indicators. Includes stations like XAN, Taiyuan, Beijing, Shenyang, Changchun, Chengdu, Kunming, etc.

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Table with columns for station code, name, time, and various status indicators. Includes stations like BNX, Lanzhou, Ermo, Ermo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TOLK, SUA, MSVF, BRLK, NEAZ, MCK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like INK, KTK1, ANN, RAYN, F31M, AFI, M30M, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EIL, BUR08, BURAR, DRB, UREWERA, etc.

Table with columns: Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GEC2, GERES, GERS, etc.

Table with columns: Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA2, OTAV, OTAV, etc.

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

11d 10h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Sand Point, Kanaga Island, and various array stations.

2020 DEC

Table with columns: Station Name, Time, Res, and various codes. Includes stations like YAK Yakutsk, C15A Salmond Ranch, and various array stations.

520

Table with columns: Station Name, Time, Res, and various codes. Includes stations like NYNU Nynaeshamm, BOGU Bogesund, and various array stations.

SDD 11 10:27:47.7±1.2, 18:04N;71:41W, h0km,60km, MD2.7, ML2.6, MW3.0, Presumed earthquake

OSPL 11 10:27:48.7±1.3, 18:19N;71:37W, h4km,5km, ML2.6, Presumed earthquake

ISC 11 10:27:48.2±1.1, 18:14N;073:71.38W,0.03,h7km,gkm,n9, 0579/18,1C-5D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like PODR Polo, LODOU EI Espartillar, and various array stations.

HEL 11 10:46:19.8±0.2, 67:61N;21:01E, h0km, ML1.7, Suspected explosion

UPP 11 10:46:19.7±0.0, 67:63N;21:02E, h0km, ML2.3, Suspected explosion

IDC 11 10:48:22.6±2.6, 67:66N;21:58E, h0km, mbtmp2.8/2, ML1.9/2, Error ellipse: s-maj=35.2km s-min=13.1km az=95.0

ISC 11 10:46:19.8±0.8, 67:63N;02:21.03E;0.02,h0km,n38, 0154/61, Sweden

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MASU Masugnsbyn, KUA Kurraavaara, and various array stations.

521

Table with columns: Station Name, Time, Res, Phase ID, and various parameters. Includes stations like KALU, TOF, TRO, RNF, ARAO, etc.

IDC 11 11:01:08.1-0.9,35.79N,26.20E,h0km,mb4.1/6, mbtmp3.9/11,ML3.8/5, Error ellipse: s-maj=15.3km s-min=11.7km az=15.0

ISK 11 11:01:09.2,35.72N,26.26E,h6km,ML3.5/13, NEIC 11 11:01:09.6,1.2,35.65N,0.06,26.27E,0.04,h10km,1km, mb4.1/13, Error ellipse: s-maj=11.2km s-min=5.1km az=164.0

AFAD 11 11:01:10.9,35.77N,26.33E,h28km,3km,MW4.0 THE 11 11:01:10.9,36.1N,2.6E,h14km,3km,M3.7/24, ML3.7/24

ATH 11 11:01:11.1,35.64N,26.33E,h24km,1km,ML3.8/11, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km GII 11 11:01:21.4-0.0,34.988N,0.004,26.939E,0.001, h0km,Mws3.5,confirmed

ISC 11 11:01:11.6-0.9,35.55N,0.02,26.38E,0.02,h33km,3km, n151,0.1973/212,mb4.1/13,Crete

Main station list table with columns: Code, Station Name, Time, Res, Phase ID, and various parameters. Includes stations like SIT2, ZKR, KARP, AGNA, NEAPOLIS, ASTA, etc.

2020 DEC

Main station list table with columns: Station Name, Time, Res, Phase ID, and various parameters. Includes stations like BODT, YKAV, VAM, TURUN, etc.

11d 11h

Main station list table with columns: Station Name, Time, Res, Phase ID, and various parameters. Includes stations like CLL, FINES, KURB, KURK, WUS, etc.

11d 11h

Table with columns: ID, Name, Frequency, Band, Pol, Az, El, SNR, etc. Includes stations like IPOC Station P, BOAV Boa Vista, BOVA Boa Vista, etc.

2020 DEC

Table with columns: ID, Name, Frequency, Band, Pol, Az, El, SNR, etc. Includes stations like BOAV Boa Vista, BOVA Boa Vista, BOVA Boa Vista, etc.

2020 DEC

Table with columns: ID, Name, Frequency, Band, Pol, Az, El, SNR, etc. Includes stations like BOVA Boa Vista, BOVA Boa Vista, BOVA Boa Vista, etc.

2020 DEC

Table with columns: ID, Name, Frequency, Band, Pol, Az, El, SNR, etc. Includes stations like BOVA Boa Vista, BOVA Boa Vista, BOVA Boa Vista, etc.

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NEIC 11:16:04.4e:1.28*2S:0.1x176:0W:0.1, h10km, 1km, mb4.7/12, Error ellipse: s:maj=25.6km s-min=3.9km az=137.0

IDC 11:16:05.7e:0.8,28:0S:176:56W, h0km, mb4.0/9, mbmp4.1/11, ML3.9/2, MS4.4/4, Error ellipse: s:maj=26.2km s-min=18.0km az=126.0

GCMT 11:16:12.4e:0.3,28:23S:0.03x175:64W, 0.02, h22km, 1km, MW5.0/8, Moment Tensor Solution, s41, c50, s87, c114, Duration: 0. Moment tensor: Scale 10^16Nm; Mw=2.8±.18; Ms=0.18±.12; Mb=2.65±.12; Mw=0.40±.19; Mw=0.43±.08; Mw=2.58±.18. Best double couple: M3:8.0400e+10

NP1=20.000000°, 825.000000°, A, 11.000000°. NP2: 0x357.000000°, 867.000000°, A, 81.000000°. Principal axes: T 3.9140, Plg67.0000°, Azm251.0000°; N -0.2270, Plg8.0000°, Azm1.0000°; P -3.6930, Plg21.0000°, Azm94.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

moment-rate function

ISC 11:16:17.4e:0.5,28:13S:0.09x176:16W, 0.08, h28km, n94, <206E, mb4.4/5, 1.5, 28:13S, 0.09, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, SNR, etc. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

11d 12h

Table with columns: Station Name, Code, Time, Res, ISC, Op, Phase ID, Az, Az2, H, M, S, ISC. Includes stations like H19K Roundabout Mou, H19K Roundabout Mou, H19K, etc.

INDC 11 11:42:23.8-423.0,66.21N,45.92E, h0km, Error ellipse: s-maj=249.1km s-min=141.7km az=50.0, Baitic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, Op, H, M, S, ISC. Includes stations like I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA2.50 104, etc.

TAP 11 11:52:58.0,24.45N,121.59E, h48km, ML4.0,B JMA 11 11:52:58.0,4.0,24.4N,0.4,121.6E,1.0, h45km, 1km, MV2.8/12, TAIWAN REGION

ISC 11 11:52:58.8,1.2,24.46N,0.02,121.61E,0.02, h44km,4km, n145,019/03/24/9,8C-11D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, Op, H, M, S, ISC. Includes stations like LATG Datong, ENA Nanau, ENA, etc.

2020 DEC

Main table with columns: Station Name, Code, Time, Res, ISC, Op, Phase ID, Az, Az2, H, M, S, ISC. Includes stations like TWE Neicheng, TWC Suao, ETJLH Xiulin Townshi, etc.

524

Table with columns: Station Name, Code, Time, Res, ISC, Op, Phase ID, Az, Az2, H, M, S, ISC. Includes stations like WCKO Fanlu, WCKO, CHKT Chengkung, etc.

DJA 11 12:14:13.6-1.0,10.5'S,51.1'9'E, h38km,25km, M4.0/10, mb4.1/1, MLV3.9/10, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, Op, H, M, S, ISC. Includes stations like WSI Waingapu, WSI, DBNI Kabupaten Domp, etc.

CATAC 11 12:19:51.6,0.6,11.1'N,3.8'7W, h23km,7km, M3.7/2.6, MLV3.7/2.6, Error ellipse: s-maj=7.3km s-min=4.4km az=31.2, confirmed

SNET 11 12:19:54.0,2.7,11.42N,87.29W, h23km, ML3.7, Presumed earthquake

ISC 11 12:19:50.9,3.4,11.3N,0.1,87.31W,0.05, h17km,25km, n131,0563/50, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, Op, H, M, S, ISC. Includes stations like COPN Copalpete, SABN Sabanita, LEVN Ruinas Leon, etc.

Table with columns: PACA, COEG, MTO3, Pacayal, Centro de Oper, Montecristo, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual.

IDC 11 12:26:51.7-5.4, 23.81N; 124.34E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=336.3km s-min=26.8km az=61.0

JMA 11 12:26:54.1-0.3, 24.1N; 121.5E, h40km, MV2.9/9, NEAR MIYAKOJIMA ISLAND

ISC 11 12:26:53.8-2.2, 24.30N; 125.24E; 0.08h, 29km, 17km, n11, n0.638/16, mb3.5/3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Residual. Includes stations like Miyako jima3, Guskubube, Irabujima, Tarama, Ishigakijima, Kurushima, Warramunga Arr, ASAR Alice Springs.

NOU 11 12:52:52.1, 19.01S; 177.57W, h539km, mb4.8/64, Fiji Islands Region

GFZ 11 12:52:52.3-0.2, 19.5S; 177.8W, h533km, M4.8/36, mb4.8/36, confirmed

IDC 11 12:52:53.2-1.5, 18.87S; 177.69W, h546km, 17km, mb4.2/17, mbtmp5.0/20, Error ellipse: s-maj=12.8km s-min=10.8km az=153.0

NEIC 11 12:52:53.9-1.0, 18.8S; 0.1x177.7W; 0.1, h550km, 9km, mb4.6/29, Error ellipse: s-maj=21.6km s-min=15.0km az=131.0

ISC 11 12:52:54.8-0.3, 18.95S; 177.72W; 0.06h, h570km, n386, r144/279, mb4.6/174, 4C-4D, Fiji Islands region

Main table for station 525, listing station names, coordinates, and residuals. Includes stations like Nonsavu, Futu, Afi, GLKZ, DVP, etc.

Main table for station 420, listing station names, coordinates, and residuals. Includes stations like Jackson Bay, Otahua Downs, WZK, MSZ, etc.

Main table for station 420, listing station names, coordinates, and residuals. Includes stations like Dos Picos Cty, Vestal, Richgr, TPO, etc.

11d 12h

2020 DEC

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Table of astronomical observations for 11d 12h. Columns include station code, name, elevation, and coordinates. Observations are listed with time, magnitude, and other parameters.

Table for JMA 11 12:57:57.8-0.3, 24°2'N, 09°125'2'E. Includes station codes, names, and observation data for Ryukyu Islands.

Table of astronomical observations for 11d 12h. Columns include station code, name, elevation, and coordinates. Observations are listed with time, magnitude, and other parameters.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BORK Borovoye, NRIK Noritsk, etc.

BKK 11 12:59:55.5 ± 1.3, 14°N, 3°9'4E, 1.3 h, 10 km, M4.2/18, mb4.7/11, mb4.6/14, Mjma3.7/18, ML4.6/13, MLV4.5/18, Mw(1B)3.9/11
NDI 11 12:59:58.2 ± 3.2, 13°94'N, 93°63'E, h10 km, 197 km, ML4.0, Presumed earthquake
IDC 11 12:59:59.6 ± 8.7, 13°76'N, 93°93'E, h90 km, 74 km, mb3.7/2, mbtmp4.1/3, ML4.3/1, MS3.9/2, Error ellipse: s-maj=66.0 km s-min=41.0 km az=61.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KHLT Khaolaem Dam, PHET Kaeng Krachan, UTHA Uthaitani, etc.

Table with columns: WRA, Warramunga Arr, 52.35 129 P P, 13 08 59.7 -1.7, etc.

HEL 11 13:04:01.6 ± 0.4, 67°63'N, 34°07'E, h0 km, ML2.1, Suspected explosion
KOLA 11 13:04:03.0 ± 0.3, 67°65'N, 0°02:33.77E ± 0.06, h0 km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 11 13:04:05.3 ± 2.3, 67°71'N, 33°66'E, h0 km, mbtmp3.6/5, ML2.6/5, Error ellipse: s-maj=24.0 km s-min=11.1 km az=94.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like APA Apatity, APAA Apatity Array, LOV Lovozero, etc.

Table with columns: PDGK, Podgornoye, 2.84 289 Pn, 13 05 55.2 +0.9, etc.

11d 13h

Table with columns for station name, time, magnitude, and distance. Includes stations like KSH2, KASHI, KURBB, KURRB, KURBL, KURBV, etc.

2020 DEC

Table with columns for station name, time, magnitude, and distance. Includes stations like OBN, KLR, KRSR, USRK, USRV, etc.

528

Table with columns for station name, time, magnitude, and distance. Includes stations like WBO, WRA, WBA, WBB, WBE, WBF, etc.

TIR 11 13:11:02.3,39°60'N,22°86'E,hgkm2,1km,ML3.3,ML3.3, Presumed earthquake THE 11 13:11:04.2,39°6'N,0°6'22'E,0.6,h6km2km,M2.9/18, MLh2.9/18

ATH 11 13:11:04.3,39°59'N,22°81'E,h10km2,1km,ML3.1/66, 9C-2D,Latitude uncertainty: 0 km; Longitude uncertainty: 0 km,Greece

Table with columns for Code, Station Name, Delta T, A1, A2, Phase ID, Time, Res, ISC h, m, s, ISC. Includes stations like VOL2, GIO2, GIANN, GINA, NEO, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like MNAS Manas, KSH2 Kashi, Sufi-Kurgan, Makanchi, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like Nonsavu, Afi, Funafuti, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like GERES GERES Array B, SOF, etc.

Table listing station data for the 11d 16h period. Columns include station name, coordinates, frequency, and various parameters like SNR and time.

Grid coordinates: G11 15:47:15.0-0.30'304N:0.002-30'807E:0.001, h0km, MWS2.0, confirmed

Table listing station data for the 11d 16h period, continuing from the previous table.

Table listing station data for the 2020 DEC period, including stations like HRFI, YTVT, and others.

Table listing station data for the 2020 DEC period, including stations like SCB 11, SOET, and others.

Grid coordinates: IDC 11 16:09:04.6:0.8,24'26N:124'91E, h0km, mb3.7/13, s-maj=18.9km s-min=15.0km az=127.0

Table listing station data for the 2020 DEC period, including stations like JMWJ, JOGS, and others.

Grid coordinates: AFAD 11 16:56:10.5,39'34N:25'90E, h7km,2km, ML2.2, ISK 11 16:56:10.5,39'37N:25'90E, h8km, ML2.5/16

Table listing station data for the 2020 DEC period, including stations like JOW, JOWJ, and others.

Grid coordinates: AFAD 11 16:56:10.5,39'34N:25'90E, h7km,2km, ML2.2, ISK 11 16:56:10.5,39'37N:25'90E, h8km, ML2.5/16

Table listing station data for the 2020 DEC period, including stations like WRA, ASAR, and others.

Table listing station data for the 2020 DEC period, including stations like PMG, KRVT, and others.

NEIC 11 16:52:09.5:0.9,47'59N:0'02-92'.62W:0'07, h0km,2km, mb_L2,6/12, ML3.0/12, Error ellipse: s-maj=7.8km

Table listing station data for the 2020 DEC period, including stations like EYMN, E3BA, and others.

Grid coordinates: AFAD 11 16:56:10.5,39'34N:25'90E, h7km,2km, ML2.2, ISK 11 16:56:10.5,39'37N:25'90E, h8km, ML2.5/16

Table listing station data for the 2020 DEC period, including stations like KOCA, BOZC, and others.

Grid coordinates: AFAD 11 16:56:10.5,39'34N:25'90E, h7km,2km, ML2.2, ISK 11 16:56:10.5,39'37N:25'90E, h8km, ML2.5/16

Table listing station data for the 2020 DEC period, including stations like DKL, GADA, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station identifiers like YENI, LKPK, ENEZ, etc.

IDC 11 17:14:51.8.2.6.53.39N.65.52W, h0km, mb3.4/1, mbtmp3.7/3, ML2.8/2, Error ellipse: s-maj=36.0km s-min=22.1km az=54.0, Labrador

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and station identifiers like SCHO, SCHO, FRB, etc.

IDC 11 17:23:10.4.0.8.55.22N.195.98W, h0km, mb4.1/2/3, mbtmp4.1/27, ML3.9/4, MS3.7/6, Error ellipse: s-maj=20.8km s-min=9.1km az=151.0, NEIC 11 17:23:12.4.1.8.54.74N.0.05.159.67W.0.04, h29km, 5km, mb4.4/8, ML4.4/2, ML2.4/2(AIC), Error ellipse: s-maj=8.1km s-min=2.7km az=194.0, AEIC 11 17:23:12.5.2.3.54.59N.0.05.159.65W.0.04, h18km, 4km, Error ellipse: s-maj=8.0km s-min=3.4km az=176.0, ISC 11 17:23:11.9.1.0.54.73N.0.05.159.66W.0.03, h29km, 6km, n256, r1512/27/3, mb4.3/51, MS3.6/6, South of Alaska

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and station identifiers like CNBA, CHNA, DOL, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and station identifiers like O14K, KARR, Q18K, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and station identifiers like YKA, PEI, D05A, etc.

11d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH2 Kashi, GERES GERES Array B, BUR08 Bucovina Ar. S, etc.

CATAC 11 17:29:54.0±0.2, 10.1N±2.8W±5.1, h31km±2km, M3.6/16, MLV3.6/16, Error ellipse: s-maj=4.1km s-min=2.2km az=40.0, confirmed

UCR 11 17:29:54.2±1.0, 10.101N±8.71W, h51km±2km, MW3.8, Presumed earthquake

ISC 11 17:29:55.1±1.2, 10.010N±0.03469W±0.02, h47km±5km, n101, c0860/140, Costa Rica

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including ARZA Esparza, ROFB Roble, Puntare, etc.

2020 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OCHAL Ojochal, EDPE Pejibaye, Pre, LCRUZ La Cruz, etc.

ISC 11 17:31:12.8±1.1, 29.31N±140.79E, h0km, mb3.3/2, mbtmp3.3/5, ML2.5/3, Error ellipse: s-maj=56.6km s-min=12.4km az=73.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCJ Chichijima, JCJ 3.0nm, 0.3s, bazz=311, etc.

NEIC 11 17:32:31.6±1.2, 18.7S±0.1x172.82W±0.09, h10km±1km, mb4.6/8, Error ellipse: s-maj=19.2km s-min=12.1km az=36.0

ISC 11 17:32:41.8±1.0, 17.84S±174.77W, h0km, mb3.9/6, mbtmp3.9/7, ML3.6/1, Error ellipse: s-maj=41.5km s-min=15.7km az=137.0

ISC 11 17:32:31.1±0.7, 18.74S±0.07, 172.81W±0.08, h10km, n20, s20013, mb4.3/1, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, AFI Afiamalu, etc.

KRSC 11 18:02:49.5±1.7, 49.33N±156.99E, h41km±25km, MI3.7, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, PAU Pauzhetka, etc.

ISC 11 18:19:12.3±4.7, 26.92S±66.85E, h0km, mb3.6/6, mbtmp3.6/6, MS3.3/1, Error ellipse: s-maj=138.6km s-min=35.1km az=54.0

ISC 11 18:19:13.9±4.7, 26.9S±0.6, 66.9E±0.8, h10km, n10, c0539/6, mb3.8, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOAN2 CROZET ISLANDS, HOAN1 CROZET ISLANDS, HOAN3 CROZET ISLANDS, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBAR Mbarara, CMAR Chiang Mai Arr, ASAR Alice Springs, etc.

IDC 11 18:30:10.1±4.5, 47.37N±93.29W, h0km, mbtmp2.7/2, ML1.8/2, Error ellipse: s-maj=68.2km s-min=34.0km az=61.0

NEIC 11 18:30:10.6±1.7, 47.45N±0.05, 93.01W±0.04, h0km±2km, mb_Lg2.7/11, ML2.8/10, Error ellipse: s-maj=9.1km s-min=3.8km az=203.0

ISC 11 18:30:09.5±1.0, 47.45N±0.05, 93.02W±0.05, h0km, n19, c0572/17, Minnesota

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EYMN Ely, E3BA The Farm, Brul, AGMN Agassiz Nation, etc.

JMA 11 18:55:52.1±0.2, 46.1N±14.0E±1.1, h366km, MV3.3/34, SOUTHERN SIBERIA

SKHL 11 18:55:52.6±0.4, 45.90N±139.40E, h343km±2km, mb4.3/9, msha4.2/6

IDC 11 18:55:53.3±0.8, 46.06N±139.69E, h352km±14km, mb3.1/9, mbtmp3.9/15, Error ellipse: s-maj=23.4km s-min=13.2km

ISC 11 18:55:53.1±0.6, 45.95N±0.05, 139.67E±0.07, h350km, n36, c0599/45, mb3.5, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JRBN Reboutou, JWJK Keihoku, JWJK Yagishiri, etc.

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

IDC 11 19:06:32.5-0.8, 8:37N, 127:50E, h0km, mb3/10, mbmp3.8/11, ML4.5/1, Error ellipse: s-maj=21.5km s-min=15.9km az=92.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAGZ Pagadian, KUCP Kidapawan, KCP Musuan, etc.

IDC 11 19:08:20.7-2.4, 48:11N, 146:23E, h492km, 31km, mb2.8/10, mbmp3.7/13, Error ellipse: s-maj=21.8km s-min=16.2km az=100.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, MJAR Matsushiro Arr, SEY Seymchan, etc.

ISK 11 19:18:23.3, 41:36N, 43:99E, h17km, ML1.9/6 NCORS 11 19:18:23.4, 41:34N, 43:98E, h7km, MPVA3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRLG Trialeti, BGD Bogdanovka, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EAK Zeyve, TBGL Delisi, EPOS Posof, etc.

THE 11 19:37:25.0, 37:8'N, 0:9'27"E, h11km, 2km, M2.7/7, MLh2.7/7

ISK 11 19:37:24.7, 37:84N, 26:90E, h11km, ML2.7/15

AFAD 11 19:37:25.1, 37:86N, 26:92E, h7km, 1km, ML2.1

ISC 11 19:37:25.0, 8, 37.84N, 0:02, 26.90E, 0:02, h13km, 6km, n31, <0.95/51, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMG Samos, GZEL GZelcaml?, KUSD Kusadasi-Aydid, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DDIM comp=N,134nm,0.4s, ZYVE Izmir, Balceva, etc.

IDC 11 19:38:54.9-1.7, 24:85N, 126:42E, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=57.7km s-min=25.5km az=67.0

JMA 11 19:39:02.1-0.1, 24:3N, 0:8, 125:2E, 0:5, h32km, 3km, MV3.4/12, NEAR MIYAKOJIMA ISLAND

ISC 11 19:39:02.7-1.4, 24:23N, 0:10, 125:25E, 0:07, h40km, 12km, n17, <0.95/24, mb3.6/6, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMJJ Miyako jima3, JOGS Gusukube, etc.

WRA Warrungarra Arr 44.91 168 P 19 47 13.0 -0.6

BVAR Borovoye Array 49.92 320 P 19 47 52.2 -0.1

FINES FINES Array B 60.70 332 P 19 17 43.1 -0.5

BUT 11 19:40:31.6-1.1, 44:57N, 0:03, 115:25W, 0:04, h5km, 5km, Error ellipse: s-maj=4.9km s-min=2.9km az=52.0

NEIC 11 19:40:31.2-1.0, 44:58N, 0:03, 115:23W, 0:04, h1km, 10km, ML3.6/136, ML4.1/30(BUT), Error ellipse: s-maj=4.7km s-min=3.2km az=49.0

IDC 11 19:40:31.2, 0.9, 44:55N, 115:23W, h0km, mb3.2/1, mbmp3.4/8, ML3.6/6, MS3.3/2, Error ellipse: s-maj=11.3km s-min=8.7km az=94.0

ISC 11 19:40:31.0-0.8, 44:57N, 0:04, 115:22W, 0:04, h10km, n132, <1.54/135, Western Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HLID Hailey, MFID Camas Ranch, BMO Blue Mountains, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

TEH 11 19:56:57.1, 26.86N-54.15E, h10km, ML2.8, Presumed earthquake

DSN 11 19:56:59.6, 1.26:81N-54.20E, h10km, ML2.4/8, Error ellipse: s-maj=12.1km s-min=7.3km az=177.0

OMAN 11 19:56:59.6, 1.0, 26.77N-54.08E, h10km, ml2.6/14, Error ellipse: s-maj=9.3km s-min=7.0km az=152.0

ISC 11 19:56:58.7, 1.1, 26.84N-54.15E, 0.05:54.15E:0.05, h19km, n31, c1919/39, Southern Iran

IDC 11 19:57:25.8, 1.0, 55.55S-35.99W, h0km, mb4.2/4, mbmp4.2/4, MS3.75, Error ellipse: s-maj=44.0km s-min=26.5km az=67.0

NEIC 11 19:57:29.1, 1.4, 55.33S:0.05:36.1W:0.2, h17km, mb4km, mb4.6/19, Error ellipse: s-maj=19.6km s-min=6.9km az=92.0

ISC 11 19:57:28.0, 0.5, 55.37S:0.05:36.35W:0.10, h10km, n60, c1518/50, mb4.6/10, MS3.8/5, South Georgia Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

11d 20h

Table with columns: Code, Station Name, Az, Az2, Op, ISC, Time, Res, ISC. Lists various stations and their coordinates and operational status.

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Table with columns: Code, Station Name, Az, Az2, Op, ISC, Time, Res, ISC. Lists various stations and their coordinates and operational status.

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Table with columns: Code, Station Name, Az, Az2, Op, ISC, Time, Res, ISC. Lists various stations and their coordinates and operational status.

Table with columns: BOOM, comp, I, Amb, 20, 53, 08.6, etc. Includes entries like Boomkoje usch, SAHE, TAVA, KDJ, TARG, TSSS, AAA, KUU, MDOK, HVB, WUS, PRZ, BALB, SATY, BELG, KPKS, UZB, SHLS, PHSR, PDGK, IDI, EZN, ALN, TIRR, HARR, LOZB, BORK, BVAR, PLOH, NEHR, SRS, MLR, MLR, ITM, COVR, SORM, AGG, TESAR, HUMR, ONER, EVN, TURR, LIT, ARTI, ARTI, GIOR, MAKZ, DOPR, MKAR, MKAR, KURBB, KURBB, KURBB, LOKD, KURK, KURK, AKASG, AKASG, KIEV, KIEV, KIEV, MDB, BLBK, BURR, BURR, BURR, BURR, OBNS, OBNS, BOVS, HERR, MARR, MDVR, SURR, ZSRV, ZSRV, BZS, BZS, WMQ, BANR, SIRI, PDG, KOLS, KOLS, TIP, PSZ, MORH, MORH, LANL, VYHS, OJC, RAFF, ZAAO, ZAAO, ZALV, ZALV.

Table with columns: ZALV, comp, PcP, PcP, 20, 57, 15.6, -1.8, etc. Includes entries like ZALV, ZALV, ZALV, BEHE, MAUC, PABE, GOMU, STEB, RBNA, MBAR, MORC, MORC, MORC, INTR, GBSA, ARSZ, ARSZ, VRAC, KRUC, AQU, GORE, GURA, YSU, CRNS, NRCA, FDMO, ABNA, CESH, SABO, CHVC, MURB, MOA, PRED, BIOA, KBA, KBA, ARBE, STAL, SLIT, ZVIC, MTSB, GERES, GERES, GERES, GERES, ABTA, KHC, KHC, LESA, CTI, CTI, ZCCA, ZCCA, MEF, JOF, WTTA, WATA, WATA, KEST, KEST, KEST, SQT, SQT, FINES, FINES, FINES, MOTA, CLL, CLL, CLL, FETA, RETA, GRU1, GRU1, BSD, BSD, DAVOX, DAVOX, GAT2, GAT2, DAVA, BLEU, TNCH, TNCH, TUE, TUE, RUF, RUF, DEL, DEL, VAF, SENIN, SENIN, BNI, BNI, ECH, ECH, CHTO, CHTO, CM31, CM31, CMAR, CMAR, CMAR, CMAR.

Table with columns: CMAR, comp, I, Amb, 20, 55, 44.7, -1.2, etc. Includes entries like CMAR, HFS, WLF, WLF, SSB, SSB, NC602, TAM, NC45, NC45, NB2, NB2, NOA, NOA, NBOO, CORI, VADS, CEST, KEV, KEV, SOMN, SOMN, SOMN, SOMN, ARCS, ARCS, ARCS, ARCS, BTO2, BTO2, BTO2, EDA, EDA, HHC, HHC, HHC, GSI, GSI, ESDC, ESKA, ESKA, PAB, PAB, YOI, YOI, MD31, MD31, MD31, TORD, TORD, TORD, TORD, HILR, HILR, NJ2, NJ2, KOWAN, KOWAN, TSUM, TSUM, CN2, CN2, CN2, LBTB, LBTB, LBTB, DBIC, DBIC, TIXI, TIXI, DAG, DAG, BOSA, BOSA, BOSA, USAO, USAO, SUMG, SUMG, SUMG, SUMG, NEEM, NEEM, NEEM, BATI, BATI, SOEI, SOEI, C18K, C18K.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like C18K, D19K, D20K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CO02, CO03, CO06, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PB07, PB07, PB07, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like AAGR, BO02, BO02, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like TOR0, TOR0, TOR0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like GO01, GO01, GO01, etc.

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

IDC 11 21:51:35.3; 1.2; 2.85S; 129.51E, h0km, mb3.6/3, mbmp3.6/6, ML3.4/3, Error ellipse: s-maj=29.6km s-min=16.7km az=112.0

NEIC 11 21:55:18.8; 1.5; 2.4; 2S; 0.1; 179.0E; 0.1; h532km, 6km, mb4.3/20, Error ellipse: s-maj=19.7km s-min=9.7km az=133.0

SJA 11 21:36:01.4; 0.8; 2.0; 45S; 68.92W, h102km, 5km, ML3.8, MW3.7

GUC 11 21:36:02.0; 2.0; 8.0; 44S; 68.88W, h103km, 4km, ML3.7, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Juan Fernandez, San Fabin de, Pitanga, Londrina, Concordia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Kashi, Karatay Array, Erkin-Say, Karatay Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Villavicencio, Puerto Gaitan, Niza, Ciudad Bolivar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Chichi jima, Mitsune, Hitachi, etc.

11d 23:18:17.3-0.2, 30.1N; 105.5+14.3E, h76km, MV4.0/16, NEAR TORISHIMA IS, Southeast of Honshu

11d 23:29:10.9-2.3, 3.28S; 134.21E, h0km, mb3.6/2, mbtmp3.6/5, ML3.4/3, MS3.1/2, Error ellipse: s-maj=65.1km

11d 23:29:14.2-0.7, 4.5S; 133.4E, h17km, 4km, M4.0/6, mb4.2/1, MLV3.9/6

11d 23:29:13.9-1.0, 3.58S; 108.133.88E:0.07, h13km, n13, i182/14, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Kaimana, Papua, Fak Fak, Manokwari, etc.

11d 23:31:17.0-0.2, 4.1N; 122.33:22.4-3.6, 1.51N-95.93E, h0km, mb3.4/3, mbtmp3.5/4, ML4.4/1, Error ellipse: s-maj=131.8km

11d 23:33:16.3-1.0, 4.39N; 108.96:62E:0.07, h10km, n10, i151/9, mb3.6/3, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Meulaboh, Lhok Sumawe, Kotacane, etc.

11d 23:41:46.0-1.8, 8.24S; 131.00E, h0km, mb3.4/1, mbtmp3.5/4, ML3.5/3, Error ellipse: s-maj=37.0km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Fitzroy Crossi, Alice Springs, etc.

11d 23:53:17.5-0.7, 7.3N; 3.7W, h144km, 6km, M3.1, ML2.8, FUNV 11 22:53:19.7, 7.16N; 73.14W, h1km, MW3.7, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Barichara, Barrancabermej, La Rusia, etc.

11d 23:59:34.2-0.5, 3.3S; 133.4E, h10km, M4.1/6, MLv4.1/6, DJA 11 23:59:34.2-0.5, 3.3S; 133.4E, h10km, M4.1/6, MLv4.1/6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Kaimana, Papua, Fak Fak, Manokwari, etc.

11d 22:18:39.5-4.5, 36.16N; 71.22E, h93km, 37km, mb3.5/1, mbtmp4.0/16, MS3.8/2, Error ellipse: s-maj=32.4km

11d 22:18:45.6-4.7, 36.71N; 70.76E, h90km, 94km, mb3.5, mpv3.9, Error ellipse: s-maj=37.6km s-min=33.2km

11d 22:18:41.5-0.9, 36.46N; 0.09-71.00E:0.08, h100km, n31, i192/35, mb3.7/10, 3C-4D, Afghanistan-Tajikistan border region

Table listing station codes (e.g., SUJ, BNDI, WRA), station names (e.g., Bandanaira, Warramunga Arr), times (e.g., 4.10 255 P), and magnitudes (e.g., 1.641 178 Pn).

ISK 12 00:11:35.6, 39.021N, 25.61E, h8km, ML2.6/17

ATH 12 00:11:36.9, 39.981N, 25.73E, h14km, ML2.4/6

Latitude uncertainty: 0 km; Longitude uncertainty: 1 km

THE 12 00:11:37.4, 39.1N, 26.6E, h9km, 4km, M2.4/5, MLh2.4/5

ISC 12 00:11:36.9, 1.1, 39.01N, 0.02, 25.71E, 0.03, h10km, 9km, n33, 0.042/49, Aegean Sea

Main table for station codes (Code, Station Name, Δ°, AZ°, Phase ID, Time, Res) for stations in the Aegean Sea region.

SOF 12 00:12:45.7, 39.40N, 0.04:24:31E, 0.03, h2km, 4km, MD3.6/6

THE 12 00:12:54.7, 39.8N, 0.7:24:2E, 1.0, h11km, 1km, M2.9/39, MLh2.9/39

ATH 12 00:12:54.9, 39.83N, 24.18E, h2km, 1km, ML2.2/3, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

TIR 12 00:12:55.9, 39.69N, 23.89E, h20km, 3km, ML3.2, ML3.2, Presumed earthquake

BEO 12 00:12:55.5, 1.0, 39.89N, 24.23E, h12km, 5km, ML2.9/8

ISC 12 00:12:52.9, 1.1, 39.77N, 0.02, 24.12E, 0.02, h9km, 9km, n153, 0.1903/196, 8C-7D, Aegean Sea

Main table for station codes (Code, Station Name, Δ°, AZ°, Phase ID, Time, Res) for stations in the Aegean Sea region.

NEO Neokhori 0.83 237 P Sn 00 13 17.0 +0.9

Table listing station codes (e.g., NEO, SKY, THAS), station names (e.g., Neokhori, Skiros Island, Thassos island), times (e.g., 0.83 237 P), and magnitudes (e.g., 0.95 159 P).

Table listing station codes (e.g., THE, KAVA), station names (e.g., Thessaloniki, Kavala), times (e.g., 1.24 315 P), and magnitudes (e.g., 1.27 14 P).

Main table for station codes (Code, Station Name, Δ°, AZ°, Phase ID, Time, Res) for stations in the Aegean Sea region.

ISC 12 00:12:52.9, 1.1, 39.77N, 0.02, 24.12E, 0.02, h9km, 9km, n153, 0.1903/196, 8C-7D, Aegean Sea

Main table for station codes (Code, Station Name, Δ°, AZ°, Phase ID, Time, Res) for stations in the Aegean Sea region.

NEO Neokhori 0.83 237 P Sn 00 13 24.5 +1.3

Table listing station codes (e.g., KKB, KKB), station names (e.g., Krupnik, Kameni Chora), times (e.g., 2.21 340 P), and magnitudes (e.g., 2.24 196 P).

Table listing station codes (e.g., BOSS, BOSS), station names (e.g., Bosilegrad), times (e.g., 3.00 336 P), and magnitudes (e.g., 3.17 273 P).

Main table for station codes (Code, Station Name, Δ°, AZ°, Phase ID, Time, Res) for stations in the Aegean Sea region.

IDC 12 00:20:00.8, 1.6, 67.94N, 20.23E, h0km, mbtmp3.1/4, ML2.1/4, Error ellipse: s-maj=20.8km s-min=11.3km az=18.0

HEL 12 00:27:00.0, 0.2, 67.81N, 20.29E, h0km, ML2.1, Suspected explosion

UPP 12 00:27:00.1, 0.0, 67.83N, 20.20E, h0km, ML2.4, Suspected explosion

ISC 12 00:26:59.0, 0.8, 67.81N, 0.02, 20.25E, 0.02, h0km, n34, 0.154/56, Sweden

Main table for station codes (Code, Station Name, Δ°, AZ°, Phase ID, Time, Res) for stations in the Aegean Sea region.

NOA NORSAR Array B 7.83 214 Pn 00 28 55.4 +0.5

12d 1h

Table with columns: NOA, HFS, Hagsfors, Lg, Pn, Time, Res. Includes data for Hagsfors and other stations.

CATAC 12 01:07:28.6, 0.4, 8"N, 2°7'3"W, h176km, 4km, M4, 5/14, mb4.5/6, mB4.5/5, MLV4.8/14, Mw(mb)3.6/5, Error ellipse: s-maj=6.1km s-min=4.9km az=103.7, confirmed

IDC 12 01:07:28.7, 0.6, 7.87N, 72°61'W, h192km, 5km, mb4.1/27, mbmp4.6/31, Error ellipse: s-maj=8.5km s-min=6.9km az=130.0

RSNC 12 01:07:28.4, 0.0, 8"N, 3°7'3"W, h184km, 6km, M4, 4, mB5.0, mb4.7, ML4.1, Mw(mb)4.3

NEIC 12 01:07:29.1, 2.0, 7.91N, 070°72.63W, h187km, 3km, mb4.5/374, Error ellipse: s-maj=10.7km s-min=8.9km az=144.0

FUN 12 01:07:30.7, 1.4, 7.74N, 72°88'W, h210km, 4km, mb4.5, Presumed earthquake

ISC 12 01:07:28.2, 0.5, 7.95N, 070°72.76W, h188km, 4km, n441, r1553/356, mb4.5/229, 15C-5D, Northern Colombia

Main station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists numerous stations like OCAC, BRUC, BARRANCABERMEJ, etc.

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Main event list table with columns: Pn, S, Sn, Time, Res. Lists seismic events with details like POPC, FLOC, TULM, etc.

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Main event list table with columns: Pn, S, Sn, Time, Res. Lists seismic events with details like FCAR, MURT, O53A, etc.

Table with columns: Station Name, Azimuth, Magnitude, Phase ID, Time, Res. Includes stations like PSGCX Pisagua, PB05 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, PDGK Podgomoye, etc.

Table with columns: Station Name, Azimuth, Magnitude, Phase ID, Time, Res. Includes stations like PNME El Cristo, Coc, CRIS3 Prado, etc.

IDC 12 02:06:56.8±2.5, 46°53'N; 92°25'E, h0km, mbtmp3.4/4, ML2.6/4, Error ellipse: s-maj=29.3km s-min=18.4km az=3.0

NNC 12 02:06:58.6±3.1, 46°55'N; 92°09'E, h0km, mb3.3, mpv2.8, Error ellipse: s-maj=23.1km s-min=19.0km az=113.0

ASRS 12 02:07:07.8±0.5, 47°N; 93°2'E, h8km, MLN3.9/11, Error ellipse: s-maj=5.5km s-min=4.1km az=172.2, confirmed

ISC 12 02:07:05.5±2.0, 47°11'N; 92°40'E; 0.05, h10km, n26, az=234/38, 6C-5D, Mongolia

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase ID, Time, Res. Includes stations like Teeli, AKAR, CHBIT, etc.

IDC 12 02:24:07.7±0.4, 5°78'N; 77°90'W, h0km, mb4.6/26, mbtmp4.7/31, ML4.3/5, MS3.9/36, Error ellipse: s-maj=14.0km s-min=9.8km az=48.0

CATAC 12 02:24:09.0±0.2, 6°N; 77°8'W, h10km, M5.3/14, mb5.3/2, ML5.3/14, Error ellipse: s-maj=5.5km s-min=3.0km az=41.2, Moment Tensor Solution. Moment tensor: Scale

1016Nm; M=0.03; Mw=1.99; Mw=0.17; Mw=0.45; Mw=0.13; Fault plane solution: M2.04062x10^16 Np1; az=321.37635°, 883.94667°, A.0.18541°. NP2; az=231.35680°, 889.81562°, 173.94670°. Principal axes: T. 2.0257, Plg4.4071°, Azm186.2065°; N. 0.0294, Plg83.9439°, Azm49.6187°; P. -2.0552, Plg4.1456°, Azm276.5265°; confirmed

VAO 12 02:24:08.7±0.3, 5°82'N; 77°68'W, h10km, mb5.0, Presumed earthquake

NEIC 12 02:24:10.3±1.8, 5°78'N; 77°86'W; 0.06, h10km, 1km, mb5.0/480, Mw=0.21, Error ellipse: s-maj=10.9km s-min=10.3km az=216.0

RSNC 12 02:24:10.4±0.0, 6°N; 77°8'W, h10km, M4.8, mb5.4, MB5.5, ML4.2, Mw(MB)5.0, Mw(MWP)4.7, MwP5.0

GFZ 12 02:24:10.6±0.2, 6°N; 77°8'W, h10km, M5.0/26, mb5.0/26

UPA 12 02:24:11.7±1.2, 6°03'N; 77°95'W, h14km, 5km, MW4.8, Fault plane solution: NP1; az=67.00000°, 872.00000°, 162.00000°. Presumed earthquake

GCMT 12 02:24:14.3±0.2, 5°85'N; 77°78'W; 0.01, h27km, 1km, MW5.0/109, Moment Tensor Solution. s34, c39, s109, c153; Duration: 0; Moment tensor: Scale 10^16Nm; Mw=0.68; Mw=1.4; Mw=2.8; Mw=3.5; Mw=3.5; Mw=3.5; Mw=0.71; Mw=0.8; Mw=0.75; Mw=2.0; Best double couple: M3.65600x10^16 Np1; az=48.00000°, 665.00000°, 167.00000°. NP2; az=144.00000°, 878.00000°, 125.00000°, 167.00000°. Principal axes: T. 3.6270, Plg26.0000°, Azm9.0000°; N. 0.0570, Plg62.0000°, Azm168.0000°; P. -3.6860, Plg8.0000°, Azm274.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 12 02:24:15.9±0.8, 5°80'N; 77°85'W, h24km, Moment Tensor Solution. Duration: 196; Moment tensor: Scale 10^16Nm; Mw=0.29; Mw=2.94; Mw=3.13; Mw=0.14; Mw=0.82; Mw=1.53; Fault plane solution: M3.46000x10^16 Np1; az=54.70000°, 874.44000°, 166.29000°. NP2; az=320.95000°, 876.80000°, 15.99000°. Principal axes: T. 2.9506, Plg2.0000°, Azm8.0000°; N. 0.8623, Plg69.0000°, Azm102.0000°; P. -3.8129, Plg21.0000°, Azm278.0000°

ISC 12 02:24:09.3±0.3, 5°84'N; 02°77'90'W; 0.03, h10km, n597, az=188/460, mb5.0/288, M5.4/0/31, 11C-17D, Near west coast of Colombia

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase ID, Time, Res. Includes stations like SOLC Bahía Solano, PIZC Pizarro, Punta Arditia, etc.

Table with columns: Station Name, Azimuth, Magnitude, Phase ID, Time, Res. Includes stations like OCAC Ocaña, OCAC Bucaramanga, OCAC Barrancabermeja, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SDDR Presa de Saban, NMDO Nuevo Mundo, APG El Apazole, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like FCAR Ozark Folk Cen, Z35A Perchaven, SA, PLPT Palho Pinto, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like I63A Otisfield, LBNH Lisbon, SADO Sadova, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like NVAR, BOZ, SCHO, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PPT2, KLU, PAX, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like MYKA, MYKA, TRO, etc.

SOF 12 02:29:07.8, 40:46N:0:02:23:03E:0:03, h20km, 5km, MD2.9/M
THE 12 02:29:09.1, 40:51N:0:7:23:1E:0:7, h12km, 1km, M2.3/16, ML2.3/16
TIR 12 02:29:09.0, 40:47N:22:295E, h15km, 2km, ML2.7, ML2.7, Presumed earthquake
SKO 12 02:29:09.9, 40:52N:23:08E, h5km, ML2.2
BEO 12 02:29:10.0, 40:75N:22:77E, h0km, ML2.0/5
ATH 12 02:29:10.3, 40:50N:23:09E, h16km, ML2.3/13, Latitude uncertainty: 0 km, Longitude uncertainty: 0 km, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like THE, THE, THE, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Ouranopolis, Serrai, Palioiri, Valandovo, Giannouli, Kozani, Tyrnavos, etc.

IDC 12 02:38:47.1±3.2, 11.12N;127.01E, h0km, mb3.9/5, mbtmp3.9/5, Error ellipse: s-maj=292.4km s-min=29.7km

MAN 12 02:38:49.0, 10.79N;126.55E, h28km, MS3.2, ISC 12 02:38:52.8±1.2, 10.80N;0.1;126.5E;0.1, h37km, n8, c148/9, mb3.9/5, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Surigao, Palo, Lapu-Lapu, Alice Springs, Makanchi Array, Kurbatov Arra, etc.

IDC 12 02:49:40.2±3.0, 5.86S;130.50E, h92km,39km, mb3.4/1, mbtmp3.9/5, Error ellipse: s-maj=77.8km s-min=22.0km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Sorong, Fitzy Grossi, WRA, Alice Springs, Makanchi Array, etc.

VIE 12 03:32:03.7±0.4, 50.15N;19.01E, h0km, mb2.4/4, m2.5/5, m2.5/5, Error ellipse: s-maj=10.7km s-min=1.9km

IDC 12 03:32:04.0±1.5, 50.29N;18.86E, h0km, mbtmp3.3/5, az=162.0 12 km S of Katowice Suspected Mining Induced.

IPREC 12 03:32:03.7±0.2, 50.22N;18.98E, h1km, ML2.6/6, Error ellipse: s-maj=1.8km s-min=0.9km az=177.0

PRU 12 03:32:04.3±0.24N;18.95E, h0km, ISC 12 03:32:01.9±0.7, 50.24N;0.04;19.04E;0.02, h0km, n50, c1507/84, 6C-5D, Poland

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Ojcow, Raciborz, Ostrava-Krasne, Steborice, Moravsky Berou, etc.

IDC 12 03:47:55.0±1.0, 28.33N;105.102E, h0km, mb3.6/6, mbtmp3.6/9, ML4.2/9, Error ellipse: s-maj=29.2km

ISC 12 03:47:58.1±0.9, 28.39N;0.1;105.1E;0.2, h19km, n9, c028/29, mb3.7/6, Sichuan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Lanzhou Array, Chiang Mai Arr, Songino Array, etc.

NEIC 12 04:14:10.9±1.9, 23.03N;0.04;94.21E;0.07, h77km, 8km, mb2=106.0, Error ellipse: s-maj=9.9km s-min=5.2km

NDI 12 04:14:11.8±3.1, 22.95N;93.72E, h128km, 34km, ML3.0, Presumed earthquake, IDC 12 04:14:13.5±2.2, 22.75N;94.00E, h14km, 23km, mb3.5/11, mbtmp3.8/13, Error ellipse: s-maj=34.0km s-min=13.8km az=40.0

ISC 12 04:14:09.0±0.9, 22.94N;0.07;94.05E;0.06, h58km, n49, c251/51, mb4.0/17, Myanmar

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Moreh, Aizawl, Imphal, Bariahdah, Kohima, Shillong, Mokokchung, etc.

WBO Warrungarra Arr 57.90 134 P P 04 23 54.1 -1.2 WRA Warrungarra Arr 57.98 134 P P 04 23 52.6 -3.3 BURAR Buccovina Array 59.30 313 P P 04 24 05.2 +0.2

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

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like G004, G004, G004, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SALTA, PB05, PB05, etc.

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

BUI 12 07:18:51, 8, 40:08N:142:18E, h60km, mB5.4/62, mb5.1/92, M5.2/98, MS7.5/0/96, MOS 12 07:18:52, 9.0, 9, 40:16N:142:06E, h50km, mb5.7/81, M5.5/0/31, Error ellipse: s-maj=5.4km s-min=3.5km

12m 7h

2020 DEC

Table with columns for station call signs (e.g., TJN, INCN, MA2), frequencies (e.g., 12.16 257), 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). Rows represent individual station reports.

Table of flight data for 2020 DEC, including columns for flight number, airline, status, and various codes.

Table of flight data for 2020 DEC, continuing from the previous table with columns for flight number, airline, status, and various codes.

Table of flight data for 2020 DEC, including columns for flight number, airline, status, and various codes.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HANLEY, Pinnacle, KULM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SPITS, MTSU, AKL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LOF, FAUS, EIDS, etc.

12d 7h

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like ARCR, OZUR, BOSR, E2BA, BORC, RSSD, BR131, etc.

2020 DEC

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like CLL, Collm, CLL, Collm, CLL, Collm, etc.

562

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like PGBU, MORH, MORH, MORH, 214A, BLKB, GE2C, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Rows include stations like COLR Columbus, NV11 Mina Array Sit, NV11 comp=N,123um,0.8s, etc.

Table with columns: PSUT, IAML, Time, Res, ISC. Rows include stations like ELK Elko, ELK Elko, ELK Elko, etc.

Table with columns: FFC, FFL, Time, Res, ISC. Rows include stations like FFC Flin Flon, FFC Flin Flon, ULM Lac Du Bonnet, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like MAJO Matushiro, BNK BinXian, CN2 Changchun, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like COLR Columbus, NV11 Mina Array Sit, NV07 Mina Array Sit, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like IGPR InterUniversit, CRPR Cabo Rojo, CRPR Cabo Rojo, etc.

REN 12 07:52:59.1±0.5, 38°160N:0°10':118°09W:0.01, h5km, 2km, Error ellipse: s-maj=1.9km s-min=1.3km

NEIC 12 08:25:02.1±0.2, 38°15N:118°10W:0.01, h7km, 2km Error ellipse: s-maj=1.8km s-min=1.5km az=218.0

NEIC 12 08:25:02.0±1.2, 38°15N:0°11':118°09W:0.009, h1km, 4km, ML3.5/94, ML3.9/15 (REN), Mwr3.6/13 (SLM), Error ellipse: s-maj=1.5km s-min=1.0km az=167.0

ISC 12 08:25:02.1±0.2, 38°13N:0°02':118°10W:0.02, h9km, 6km, n82, c0889/91, California-Nevada border region

NEIC 12 08:25:01.38±15N:118°10W:0.01, h9km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=-2.0; Mw=0.12; Mw2.19; Mw-1.01; Mw1.26; Mw0.64; Fault plane solution: M2.75000x10^14 Np1.9x17.00000°, δ54.00000°, λ-127.00000°. NP2.9x5.00000°, δ50.00000°, λ-50.00000°. Principal axes: T 2.7538, P1g2.0000°, Azm293.0000°; N -0.0013, P1g2.0000°, Azm20.0000°; P -2.7526, P1g60.0000°, Azm27.0000°.

REN 12 08:25:02.0±1.2, 38°15N:0°11':118°10W:0.01, h7km, 2km Error ellipse: s-maj=1.8km s-min=1.5km az=218.0

NEIC 12 08:25:02.0±1.2, 38°15N:0°11':118°09W:0.009, h1km, 4km, ML3.5/94, ML3.9/15 (REN), Mwr3.6/13 (SLM), Error ellipse: s-maj=1.5km s-min=1.0km az=167.0

ISC 12 08:25:02.0±1.2, 38°19N:118°05W:0.03, mbtmp3.07, ML3.2/5, Error ellipse: s-maj=10.1km s-min=8.5km az=108.0

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like AFDM Forest Hills D, BEKR Beckworth, ISA Isabella Lake, etc.

IDC 12 08:40:24.7+7.0, 0.1929Sx176.59W, h0km, mb3.6/2, s-min=110.3km az=153.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, AKASG Malin Arr Bay.

NOU 12 09:02:17.4, 40'31"S, 173°05'E, h183km, MLV3.5/16, Cook Strait, New Zealand

WEL 12 09:02:20.0+0.6, 40'S x 173°E, h162km, 4km, M3.2/33, MLV3.2/33, Error ellipse: s-maj=5.0km s-min=3.4km az=116.6

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like DUWZ D'Urville Isla, TKNZ Takaka Hill, MRNZ Matariki Terra, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like CMWZ Cape Campbell, MRZ Mangatainoka R, MRZ Mangatainoka R, etc.

IDC 12 09:03:37.0, 1.9, 51.140N, 74.05E, h0km, Error ellipse: s-maj=24.5km s-min=10.2km az=26.0

NNC 12 09:03:42.2, 3.5, 51.16N, 73.96E, h0km, mb2.8, mpv2.5, Error ellipse: s-maj=56.4km s-min=14.8km az=25.0

ISC 12 09:03:42.7, 1.1, 51.22N, 74.08E, 0.06, h0km, n9, s=089.7, 5C-2D, Central Kazakhstan

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURK Kurchatov, etc.

ZALV Zalesovo Beam 7.10 63 Pg Pb 09 05 46.9 +0.1

ISK 12 09:16:05.1, 38'43N, 45'09E, h5km, ML3.6/14

NSSP 12 09:16:08.1, 34'68N, 45'00E, h11km, M3.1

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like ISHB Shabestar, IMRD Marand, OZAP Van, OZAP Mer, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like DALY (Dalyan), KOCA (Canakkale), DEMI (Demirci), USAK (Uak-Merkez), BAYC (CANAKKALE_Bayr), ARG (Arkhangelos), APMY (Acipayam-Deniz), BALK (Balkesir-Mer), DION (Dionisos Attik), LIA (Limnos Island).

12C 12 10:03:20.8-0.9, 20:65S-172:72E, h0km, mb3.9/7, mbmp3.9,9,ML5.1/1,MS3.6/26, Error ellipse: s-maj=35.7km s-min=16.9km az=154.0 NEIC 12 10:03:22.8-0.7, 20:81S-0:07:172:45E-0:09, h10km, 1km, mb4.2/11, Error ellipse: s-maj=17.2km s-min=5.6km az=126.0 ISC 12 10:03:25.7-0.6, 20:70S:0:1x172:46E:0:08, h35km, n58, r158:33, mb4.1/12, MS3.5/22, 1D, Vanuatu Islands

Main table listing station data for the Pacific region, including stations like PINNC (Pines Island), OUCEN (Ouen Island), DZM (Mont Dzumac), MSV (Nonsavu), SAROU (Saraout), HNR (Honiara), URZ (Uretera), RPZ (Rapa), CTA (Charters Tower), RAR (Rarotonga), PMG (Port Moresby), SKA (Stephens Creek), STKA (Stephen Creek), TBI (Tubua), WR8 (Warramunga Arr), WBO (Warramunga Arr), WRA (Warramunga Arr), ASAR (Alice Springs), FITZ (Fitzy Crossi), SIJ (Sorong), BAPI (Baumgarten), KATI (Kappang), DAV (Davao City), Vnda (Vanda), LEM (Lembang), QSPA (South Pole Qui), QSPA (South Pole Qui), PSI (Prapat), BELA (Belraon), CMAR (Chiang Mai Arr), CMAR (Chiang Mai Arr), KVAR (Kodiak Island), BBB (Bella Bella), SONM (Songino Array), ILAR (Ilora), PALK (Pallekele), TXAR (Lajitas Array), MORC (Moravsky Berou), JAVC (Velka Javorina), CLL (Collim), VRAC (Vranov), KRUC (Moravsky).

Table for GERS GRESS Array B 147.15 334, PKPbc, PKPbc, 10 23 05.4 +0.2, 10 23 06.2 -0.7. Includes MDD and CNRM data for Gibraltar and code lists for stations like PALE, EMEL, AKLM, TAF, ELGU, EMIJ, JBK, EBER.

12C 12 10:34:54.7-0.6, 12:21'N-86:22'W, h170km, 6km, mb3.5/10, mbmp4.0/13, MS3.5/2, Error ellipse: s-maj=23.2km s-min=8.1km az=57.0 SNET 12 10:34:54.8-1.3, 12:10'N-86:48'W, h160km, ML3.7, Presumed earthquake CATA 12 10:34:55.6-0.4, 12:1'N-3:8'W, h160km, 2km, M3.4/37, MLV3.4/37, Error ellipse: s-maj=8.6km s-min=3.9km az=36.8, confirmed NEIC 12 10:34:56.0-1.3, 12:10'N-0:04:86:48W:0:07, h164km, 6km, mb4.5/94, Error ellipse: s-maj=10.1km s-min=5.5km az=94.0 UCR 12 10:34:57.0-0.9, 12:06'N-86:50'W, h149km, 8km, MB4.5(NEIC), Presumed earthquake ISC 12 10:34:55.2-0.5, 12:10'N-0:04:86:46W:0:05, h170km, 4km, n177, r0:88/186, mb4.5/20, C-6D, Nicaragua

Main table listing station data for the Atlantic and Caribbean regions, including stations like COPN (Copaltepe), APQ2 (Apoyeque), APYV (Apoyeque), UNAN (Ciego Managua), ALLN (Telcor Managua), TISN (Laguna Tiscapa), MGAN (Managua), WILN (Americas 2), MAS3 (AI N del Volca), MOM3 (Momotombo), MASN (Masaya), SABN (Sabanita), MOME (El Cardon), LEVN (Ruinas Leon Vi), NANN (Nandasmo), MOM3 (MOM3), CNGA (AI SSO del Vol), CNGN (Cerro Negro), CNGN (Cerro Negro), PACN (AI O del Volca), NADN (Granada), NADN (Granada), PLRN (Geotermica Pol), TELN (Telica), HERN (Volcan Telica), HERN (Volcan Telica), CRIN (San Cristobal), CRIN (San Cristobal), ACRN (San Cristobal), GOAB (GOAB BROADBAND), GRIN (Rivas), LIMN (Finca el Limon), CONN (Concepcion), CNGN (Cerro Negro), OMN (AI SSO del Vol), ACON (Acoyapa), ACON (Acoyapa), CARN (Rivas), CARN (Rivas), LCRUZ (La Cruz), LCRUZ (La Cruz), POTN (Potosi Cosigui), POTN (Potosi Cosigui), OFCN (AI S del San Ju), OFCN (AI S del San Ju), RCFN (Estacion meteo), BUAI (Benjoes Aires), PEJA (Penjamo Buenos), LAPC (Finca la Perla), GPS3 (Bodega del ICE), GPS3 (Bodega del ICE), ALIB (Liberia Airpor), ALIB (Liberia Airpor), CNCH (Conchagua), CNCH (Conchagua), CLARA (Aguas Claras), MESS (Mesas), VMAR (Armenia, Volca), LCND (La Caada), DELF (Filadelfia), COLN (Colonia), BELG (Bagaces), ELVJ (El Viejo (Barb)), QUEB (Quebrador, Cot), NICO (Nicoya), SIUN (Universidad Ur), SIUN (Universidad Ur), JTS (Las Juntas de), JTS (Las Juntas de), JTS (Las Juntas de), ALJI (Alcalda de), ALJI (Alcalda de), PAQE (Paquera), PAQE (Centro de Oper), COEG (Centro de Oper), HDC (Heredia), BOQS (Boqueron), LCRZ (La Lucha 2), CEVE (Cerro Verde), BILN (Bilvi Airpor), MTO3 (Montecristo), ESQI (Esquiopus), PIRO (Carate, Puerto).

Main table listing station data for the Americas, including stations like APG (El Apazote), BRU2 (Volcan), HUEH (Huehuetenango), CCG (Cometan), CMIG (Cerro Romero), OTAV (Otalavo), RUSC (La Rusia), SDV (Santo Domingo), SDV (Santo Domingo), 656A (Washburne), 553A (Crawfordville), 352A (Blakely), TIGA (Tifton), TIGA (Tifton), SJG (San Juan), 152A (Waverly Hall), 152A (Waverly Hall), 154A (Montrose), LRAL (Lakeview Ret), HNDI (Fort Payne), GOLA (Godfrey), GOLA (Godfrey), Y49A (Blount Mountain), Y49A (Blount Mountain), Y52A (Libburn), X48A (Hartselle), BRDY (Brady), FPAL (Fayetteville), HODG (Hodges), X51A (Calhoun), X51A (Calhoun), OXF (Oxford), OXF (Oxford), JSC (Jenkinsville), W52A (Wesley), SWET (Sewanee), W50A (Signal Mountain), BIRD (Birdtown, Kers), CPCT (Cooper Cave), KMCS (Kings Mountain), TXAR (Lajitas Array), TXAR (Lajitas Array), TXAR (Lajitas Array), TX31 (Lajitas Arr. Si), TKL (Tuckaleechee Ar), WHAR (Woolly Hollow), V53A (Waluda), V53A (Waluda), CZSB (Cruzeiro do Su), CZSB (Cruzeiro do Su), V55A (Taylorville), V55A (Taylorville), ALPN (Alpine), U49A (Unadilla Boiling Sp), MNHN (Monahans), TZTN (Tazewell), TZTN (Tazewell), V58A (Windy Hill, Pt), U54A (Nelsons Funny), U56A (King), S51A (Beattyville), S51A (Beattyville), Q51A (Peebles), Q52A (Bidwell), Q54A (Coxs Mills), Q56A (Snyder Ridge), P53A (Whipple), ACSO (Alum Creek Sta), P57A (Homestead Farm), SSPA (Standing Stone), SSPA (Standing Stone), L59A (Walton), L59A (Walton), L61B (Northampton), L61B (Northampton), SPMN (Marine on St), SPMN (Marine on St), LPAZ (La Paz), LPAZ (La Paz), I62A (Tamworth), I62A (Tamworth), LBNN (Lisbon), LBNN (Lisbon), FLET (Fletcher), FLET (Fletcher), PB16 (IPOP Station P), PB16 (IPOP Station P), I63A (Otsfield), TRQ (Mont Tremblant), PKME (Peaks-Kenny Pk), PDAR (Pinedale Array), PDAR (Pinedale Array), G65A (Princeton), E62A (Clayton Lake), E62A (Clayton Lake), MDND (Maddock), MDND (Maddock), D62A (Allport, AI), D62A (Allport, AI), LMQ (La Malbaie), LMQ (La Malbaie), UMLN (Caledonia Moun), UMLN (Caledonia Moun), BATG (Bathurst New B), ACQ (Pointe Anglais), ACQ (Maricunga), ACQ2 (Maricunga), ACQ2 (Maricunga), G65A (Princeton), E62A (Clayton Lake), MDND (Maddock), D62A (Allport, AI), LMQ (La Malbaie), UMLN (Caledonia Moun), BATG (Bathurst New B), ACQ (Pointe Anglais), ACQ (Maricunga), ACQ2 (Maricunga), ACQ2 (Maricunga).

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AC05, SCHQ Schefferville, YKA, PLCA Paso Flores, SFJD Kangerlussuaq, etc.

AFAD 12 11:06:01.5, 39:39N-25:62E, h7km, 3km, ML2.3
ATH 12 11:06:01.6, 39:39N-25:58E, h14km, 1km, ML2.4/7,
Latitude uncertainty: 0 km; Longitude uncertainty: 0 km
ISK 12 11:06:01.4, 39:37N-25:58E, h8km, ML2.5/15
ISC 12 11:06:01.4, 1, 39:36N-25:59E, 0.02, h10km, gkm,
n38, c062/64, Aegean Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOCA Canakkale, GADG Gkeada, AYVA Ayvalik, GADA Gvkeada, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAMT, ERIK Eriki-Kesan, Kean, Edirne, etc.

IDC 12 11:07:39.9, 1.5, 7.47S; 128.31E, h140km, 14km, mb3.8/16,
mbmp4.3/19, SMD2.6/1, Error ellipse: s-maj=15.3km
s-min=10.8km, az=92.0
NEIC 12 11:07:40.6, 1.7, 7.48S; 0.08, 128.30E, 0.08, h146km, 7km,
mb4.3/22, Error ellipse: s-maj=11.9km s-min=10.9km
az=143.0
DJA 12 11:07:41.5, 0.3, 8.5S; 3.12E, h150km, 12km, M4.6/15,
mb4.9/9, mb5.2/6, MLV4.6/15, Mw(mb)4.6/6
ISC 12 11:07:40.6, 0.4, 7.54S; 0.05, 128.32E, 0.06, h151km, n83,
c1940/78, mb4.1/26, 1C-2D, Banda Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, NLANI Namlea, SOEI Soe, etc.

EDFI Kendarri 6.69 302 P AML P 11 09 18.7 +2.0
KDI Kandi 0.2nm49nm, 0.8s S S 11 06 10.2 +0.1
SIJI Sorong 7.25 24 P AML P 11 09 23.4 -0.7
SIJI Sorong 7.25 24 P S S 11 09 43.3 -2.0
SIJI Sorong 7.4nm, 0.4s, baz=303, slow=21, SNR=5.6 S S 11 09 25.6 +1.5
SIJI Sorong 7.25 24 P Pn 11 09 34.4 -1.0
SIJI Sorong 8.21 257 P Pn 11 09 36.7 -0.2
KAPI Kappang 8.88 286 LR LR 11 13 05.9
PLAI Plampang 10.51 262 P Pn 11 10 08.1 +0.6
FITZ Fitzroy Crossi 10.82 194 P S S 11 10 08.6 -2.8
FITZ Fitzroy Crossi 10.82 194 P S S 11 10 03.4 -7.8
WRB Warramunga Arr 13.51 155 Pn Pn 11 10 43.8 -2.6
WRB Warramunga Arr 13.64 155 Pn Pn 11 10 45.0 -2.6
WRA Warramunga Arr 13.64 155 Pn Pn 11 13 09.1 -10.0
WRA Warramunga Arr 13.64 155 Pn Pn 11 10 42.2 -5.9
ASAR Alice Springs 16.91 162 P P 11 11 27.1 -0.8
ASAR Alice Springs 16.91 162 P S 11 14 27.0 -10.0
ASAR Alice Springs 16.91 162 P P 11 11 26.1 -1.9
PMG Port Moresby 18.73 97 P P 11 11 48.3 +0.4
PMG Port Moresby 18.73 97 P Iamb Iamb 11 11 48.6 +0.6
PMG Port Moresby 18.73 97 P P 11 11 54.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTSU Mount Surprise, CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BBO Buekleebo, RKIH Rockhampton Ha, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, GD1S Gladstone Stn, NWAO Narrogin (SRO), etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KRSR Korea Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, NRK Noril'sk, NRK Noril'sk, etc.

IDC 12 11:12:13.3, 5.7, 36:36N; 70.95E, h190km, 47km, mb3.1/8,
mbmp3.6/12, Error ellipse: s-maj=49.2km s-min=20.5km
az=36.0
NMC 12 11:12:23.1, 6.5, 37:26N; 70.57E, h182km, 95km, mb2.3,
mpv2.9, Error ellipse: s-maj=65.6km s-min=43.7km
az=18.0
ISC 12 11:12:13.2, 0.9, 36:29N; 0.1, 70.9E; 0.1, h200km, n21,
c156/24, mb3.3/7, 3C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ALCI Alchi Leh, DHRM DHARAMSHALA, DHRM Dharam, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUDL Kundali, MKAR Makanchi Array, AB31 Akbulak array, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURSB Kurchatov Arra, AKTO Aktyubinsk, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINESS Array B, ARCES ARCESS Array B, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, IDC 12 11:31:52.3, 3.3, 22:28S; 177.02W, h0km, mb4.2/7, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BNDI, NBLI, FAKI, SANI, SANI, SANI, etc.

AFAD 12 11:40:32.4, 37.70N:27.04E, h8km, 2km, ML3.2
ISK 12 11:40:32.6, 37.66N:27.04E, h6km, ML3.3/22
THE 12 11:40:32.8, 38.7N:1.27E, h2km, 1km, M3.3/8, MLh3.3/8
ATH 12 11:40:32.8, 37.69N:27.03E, h9km, 1km, ML3.2/10.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GCAM, GCAM, GCAM, SMG, SMG, SMG, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AYDN, ZEVE, BLBC, BLBC, BLBC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like USAK, USAK, KARY, KARY, KARY, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like Asem Bagus, Jajag, Kappang, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like Port Moresby, INKA, BBOO, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like MXZ, PUZ, CNZG, etc.

SOME 12:12:45:31.4, 39°47'N-70°80'E, h0km
KRNET 12:12:45:33.4, 0.1, 39.19N; 70.47E, mb3.2
NNC 12:12:45:36.9, 2.0, 39.35N; 69.99E, h0km, mb3.4, mpv3.0,
Error ellipse: s-maj=15.5km s-min=12.7km az=13.0
ISC 12:12:45:34.3, 9.3929N-0.0970E; 2.06, h10km, n21,

Table with columns for Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Batken, Karanyk, Osh, etc.

12d 13h

Table listing station names and codes with their respective times and residuals. Includes stations like PINNC Pines Island, NOUC Port Laguerre, and others.

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Table listing station names and codes with their respective times and residuals. Includes stations like HHC Hu-ho-hao-te, ULN Ulanbaatar, and others.

IDC 12 15:58:54.4s, 1.20'045S-167.566E, h0km, mb3.9/4, mbtm3.9/5, ML2.9/1, MS3.2/2, Error ellipse: s-maj=104.0km s-min=24.8km az=97.0, Loyalty Islands

IDC 12 15:58:54.4s, 1.20'045S-167.566E, h0km, mb3.9/4, mbtm3.9/5, ML2.9/1, MS3.2/2, Error ellipse: s-maj=104.0km s-min=24.8km az=97.0, Loyalty Islands

IDC 12 15:58:54.4s, 1.20'045S-167.566E, h0km, mb3.9/4, mbtm3.9/5, ML2.9/1, MS3.2/2, Error ellipse: s-maj=104.0km s-min=24.8km az=97.0, Loyalty Islands

Table listing station names and codes with their respective times and residuals. Includes stations like MARNC Mare, LOUC Port Laguerre, and others.

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Table listing station names and codes with their respective times and residuals. Includes stations like IDC 12 15:58:54.4s, DZM Mont Dzumac, and others.

DJA 12 13:05:09.2, 1.22'N, 132°56'E, h26km, 12km, M3.7/11, mb4.9/2, mb4.0/1, MLV3.8/11, Mw(m)B4.2/2

MAN 12 13:05:09.2, 1.22'N, 132°56'E, h26km, 12km, M3.7/11, mb4.9/2, mb4.0/1, MLV3.8/11, Mw(m)B4.2/2

Table listing station names and codes with their respective times and residuals. Includes stations like GAMI Galela, GAMI GAMI, and others.

NAO 12 13:11:05.3, 0.1, 73°08'N-6°32'E, h10km, ML2.7, BER 12 13:11:05.3, 0.1, 73°08'N-6°31'E, h10km, Mw4.2, ML2.7(NAO), Confirmed Earthquake

ISC 12 13:11:04.8, 2.0, 73°05'N, 0°08'6"E, 0.1, h10km, n3, c=073/43, Greenland Sea

Table listing station names and codes with their respective times and residuals. Includes stations like BJO1 Bjornoya, BJO1 Bjornoya, and others.

WEL 12 13:12:44.7, 0.9, 32°59'N-179°2'5, h288km, 13km, M4.2/8, mb4.6/3, ML4.6/8, Mw(m)B3.7/7, Error ellipse: s-maj=33.7km s-min=6.4km az=107.8, Kermadec Islands region

Table listing station names and codes with their respective times and residuals. Includes stations like GLXZ Green Lake, MXZ Matakaoa Point, and others.

Table with columns: Station Name, AML, P, Pn, Time, Res. Includes stations like MUGZ Paritu Road, RTZ Ruatahuna, ALRZ Allen Road, etc.

JMA 12 13:54:07.8, 24.77N, 122.04E, h68km, ML3.2, B
TAP 12 13:54:08.3, 0.1, 25 N, 122.1E, 0.6, h64km, MV2.3/9,
TAIWAN REGION

ISC 12 13:54:08.4, 1.4, 24.75N, 122.05E, 0.03, h66km, 7km,
n81, c0.72/131.9C, Taiwan region

Main station list table with columns: Code, Station Name, AML, P, Pn, Time, Res. Includes stations like TWC Toucheng, NTC Suao, ESAAO Su ao, etc.

Table with columns: SSSL, WCHH Zhanghua, WHYT Xinyi Township, etc. Includes station names and coordinates.

IDC 12 13:56:09.0, 1.1, 3.87S, 152.16E, h0km, mb3.9/12,
mbtmp3.9/13, ML1.6/1, MSC2/21, Error ellipse:
s-maj=26.1km s-min=14.1km az=109.0

ISC 12 13:56:14.0, 1.2, 4.05S, 152.3E, 0.2, h35km, n34,
c111/15, mb3.8/12, MS3.5/17, New Ireland region

Main station list table for the second section with columns: Code, Station Name, AML, P, Pn, Time, Res. Includes stations like Code Karavat, KRVT TPUB, etc.

IDC 12 13:56:44.5, 2.9, 23.05N, 11.62W, h0km, mb3.8/3,
mbtmp3.8/4, ML3.7/1, Error ellipse: s-maj=89.4km
s-min=35.4km az=78.0

ISC 12 13:56:50.3, 2.9, 23.22N, 0.2x10.7W, 0.5, h10km, n6, c0.38/6,
mb3.8/3, Mauritania

Main station list table for the third section with columns: Code, Station Name, AML, P, Pn, Time, Res. Includes stations like Code TORO, TORO, etc.

Table with columns: SHO, NEMZ Nemuro, NMR Nemuro-Hokkai, etc. Includes station names and coordinates.

IDC 12 14:11:20.4, 0.2, 24.77N, 122.04E, h68km, ML3.9, C
TAP 12 14:11:20.4, 24.77N, 122.03E, h68km, ML3.9, C
ISC 12 14:11:20.2, 1.2, 24.77N, 122.04E, 0.02, h73km, 5km,

n141, c111/252, 4C, Taiwan region

Main station list table for the fourth section with columns: Code, Station Name, AML, P, Pn, Time, Res. Includes stations like Code TWC Suao, TWC Su ao, etc.

JMA 12 14:11:20.4, 0.2, 24.77N, 122.04E, h68km, ML3.9, C
TAP 12 14:11:20.4, 24.77N, 122.03E, h68km, ML3.9, C
ISC 12 14:11:20.2, 1.2, 24.77N, 122.04E, 0.02, h73km, 5km,

n141, c111/252, 4C, Taiwan region

Main station list table for the fifth section with columns: Code, Station Name, AML, P, Pn, Time, Res. Includes stations like Code TWC Suao, TWC Su ao, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NACB Ninganchiao, TWS1 Kuangyingshan, TWY Chenhua, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SSND, VVUC VVUC, MATE Ma-tsu, etc.

IDC 12 14:22:37.5-1.5, 37.36N:135.09E, h382km, 23km, mb2.6/1, mbmtmp3.3/4, Error ellipse: s-maj=39.2km s-min=30.2km az=166.0, Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, KSRS Korea Array, ASAJ Asahikawa, etc.

BUJ 12 14:32:22.7, 0.11N:125.92E, h112km, mb4.4/17, IDC 12 14:32:26.7, 2.1, 0.67N:125.91E, h89km, 21km, mb4.1/18, mbmp4.4/21, MS2.8/3, Error ellipse: s-maj=14.9km s-min=10.8km az=79.0

DJA 12 14:32:26.5, 0.8, 1.1N:2*12'66"E, h24km, 7km, M4.5/22, mb4.6/12, mB5.0/9, MLv4.6/22, Mw(MB)4.3/9, GFZ 12 14:32:26.0, 0.3, 1.3N:3*12'66"E, h102km, 3km, M4.4/22, mb4.5/22, Error ellipse: s-maj=6.4km s-min=5.0km az=8.6, confirmed

NEIC 12 14:32:26.7, 2.3, 0.75N:0.06*126.04E:0.06, h90km, 6km, mb4.7/21, Error ellipse: s-maj=9.2km s-min=7.2km az=216.0

ISC 12 14:32:27.1, 0.4, 0.72N:0.04*126.03E:0.05, h100km, n125, s=1848/132, mb4.5/39, Northern Molucca Sea

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

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

OMAN 12 14:34:16.5, 0.1, 14.83N:51.63E, h10km, mb4.0/5, m4.0/6, Error ellipse: s-maj=2.0km s-min=1.1km az=337.0, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ABTO Aybut, ABTO Aybut, RBK Rabkut, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Phase ID, Time Res, and Station Name. Includes stations like WHFO, DMT0, DOKA, SHALIM, etc.

JMA 12 14:34:42.0.0.1.24.7N.0.4.122.0E.0.3, h73km, 1km, M2.3/12. TAIWAN REGION
TAP 12 14:34:42.1.24.69N.122.04E, h70km, ML2.9, C
ISC 12 14:34:42.9.1.4.24.73N.0.04.122.04E.0.03, h68km, 7km, n59, c0571/109, Taiwan region

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res, and Station Name. Lists numerous stations like TWC, ESAO, TWB1, etc.

UCR 12 14:48:08.0.9.8.30N.82.82W, h25km, 4km, MW3.6, Presumed earthquake
UPA 12 14:48:09.0.4.8.32N.82.79W, h20km, 1km, MW3.5, Presumed earthquake
ISC 12 14:48:07.9.0.9.8.32N.0.04.82.77W.0.03, h30km, 7km, n34, c076/55, 3C-3D, Panama-Costa Rica border region

Table of station data for the 2020 DEC section, including stations like ARIEL, PTPA, PETRO, etc.

IDC 12 14:54:19.6.0.6.44.83N.37.39E, h0km, mb3.7/12, mbtmp3.7/22, ML3.6/9, MS3.5/1, Error ellipse: s-maj=12.3km s-min=9.5km azk=169.0

TIF 12 14:54:21.3.0.4.44.44N.37.17E, h15km, 1km, M3.5/2
MCSM 12 14:54:23.1.0.4.45.1N.2.3.7E, h10km, mb3.9, mb4.0, MLv4.2, Mw(mb)2.9

MOS 12 14:54:23.6.44.65N.37.33E, h30km, MPVA4.6, FELT l=lv-V MSK at Anapa, l=ll MSK at Novorossiysk

CFUSG 12 14:54:29.1.0.44.49N.0.02.37.20E.0.02, h12.6km, n175, c2536/248, mb3.8/12, C-12-D, Western Caucasus

Main table of station data for the 2020 DEC section, continuing from the previous table.

UCR 12 14:48:08.0.9.8.30N.82.82W, h25km, 4km, MW3.6, Presumed earthquake
UPA 12 14:48:09.0.4.8.32N.82.79W, h20km, 1km, MW3.5, Presumed earthquake
ISC 12 14:48:07.9.0.9.8.32N.0.04.82.77W.0.03, h30km, 7km, n34, c076/55, 3C-3D, Panama-Costa Rica border region

Main table of station data for the 12d 14h section, including stations like GUZR, GUZRU, YALTA, etc.

12d 15h

Table with columns: BRTR, Station Name, Time, Res, and various codes. Includes stations like Keskin Array B, Keskin Array S, Purcari, etc.

2020 DEC

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

576

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

12d 15h

Table containing satellite station data for the 12d 15h period, listing call signs (e.g., KKM, CBJI), frequencies, and other parameters.

2020 DEC

Table containing satellite station data for the 2020 DEC period, listing call signs (e.g., NWA0, NWAO), frequencies, and other parameters.

578

Table containing satellite station data for the 578 period, listing call signs (e.g., EIDS, BSI), frequencies, and other parameters.

12d 15h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, S, P, M, L, R).

2020 DEC

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, S, P, M, L, R).

580

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, S, P, M, L, R).

Table of astronomical observations for 12d 17h. Columns include object name (e.g., CLL, KHC, BIKO), coordinates, magnitude, and observation status. Includes a sub-table for '12d 17h' objects.

Main table of astronomical observations for 2020 DEC. Columns include object name (e.g., AC01, SSPA, ITAB), coordinates, magnitude, and observation status. Includes a sub-table for 'DIA 12 16:19:24.9-0.5' objects.

Table of astronomical observations for 2020 DEC. Columns include object name (e.g., KURBB, SPITS), coordinates, magnitude, and observation status. Includes a sub-table for 'DIA 12 17:10:02.3' objects.

ILAR Eielson Array 81.54 22 P P 1735 10.2 -0.3
0.3nm,0.8s,baz=247,slow=6.2,SNR=4.8
0.3nm,0.8s

CATAC 12 17:23:42.2,0.2,13°13'N,2°8'W, h35km,3km,ML4.6/59,
ML4.6/59, Error ellipse: s-maj=4.0km s-min=1.2km
az=28.7, confirm

NEIC 12 17:23:43.1,1.18,12°70'N,0°06'87.97W,0.05, h53km,15km,
mb4.1/6, Error ellipse: s-maj=10.2km s-min=6.0km
az=208.0

SNET 12 17:23:44.1,2.3,12°69'N,87°99'W, h36km,ML4.4,
Presumed earthquake

IDC 12 17:23:44.2,2.2,13°25'N,87°62'W, h56km,37km,mb3.2/3,
mbtmp3.6/5,ML2.7/2, Error ellipse: s-maj=82.9km
s-min=12.2km az=41.0

ISC 12 17:23:42.4,0.9,12°60'N,0°04'88.00W,0.03, h57km,8km,
m109, c08/1/172,mb3.6/6,16C-16D, Off coast of central
Africa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists various seismic stations and their coordinates.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists seismic stations for the 2020 DEC period.

ISK 12 17:37:29.9,37°75'N,26°84'E, h10km,ML2.7/26
AFAD 12 17:37:30.8,37°80'N,26°91'E, h7km,2km,ML2.6
THE 12 17:37:30.6,38°N,2°27'E, h13km,2km,ML3.0/5

ISC 12 17:37:30.6,0.8,37°78'N,0°02'26.88E,0.02, h14km,6km,
n55, c050/81, Dodecanese Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists seismic stations for the 2020 DEC period.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists seismic stations for the 2020 DEC period.

FCIAR 12 17:47:10.0,73°59'N,9°28'E, h10km, station HOPEN has
station magnitude of 2.90

NAO 12 17:47:10.1,1.4,73°66'N,8°43'E, h10km,ML2.9
BER 12 17:47:11.4,3.2,73°73'N,8°52'E, h10km,ML4.0

IDC 12 17:47:12.7,2.5,73°77'N,9°16'E, h0km,mb3.3/2,
mbtmp3.4/5,ML2.7/2, Error ellipse: s-maj=43.2km
s-min=14.8km az=77.0

KOLA 12 17:47:30.1,72°33'N,11°16'E, h0km,ML1.7, Error ellipse:
s-maj=33.4km s-min=16.9km az=120.0, Norwegian sea

ISC 12 17:47:10.3,1.2,73°69'N,0°05'9.1E,0.1, h10km, n49,
c221/61, Greenland Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists seismic stations for the 2020 DEC period.

IDC 12 17:48:00.4,0.6,3°73'S,151°97'E, h0km,mb4.3/20,
mbtmp4.3/23,ML3.2/3,MS4.4/65, Error ellipse:
s-maj=18.3km s-min=9.6km az=86.0

12d 18h

Table with columns: PPT2, Papeete2, 58.95 108 eS, S, 18 06 01.3 -7.7, etc. Lists various stations and their coordinates.

2020 DEC

Table with columns: SATY, Saty, 80.54 315 eP, P, 18 00 15.9 +1.0, etc. Lists various stations and their coordinates.

586

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

12d 20h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like APE, APEIRANTHOS, DKL, etc.

IDC 12 19:34:55.9, 5.6, 20.00'S, 167.75'E, h0km, mb3.7/4, mtbmp3.7/5, ML3.1/1, MS2.8/1, Error ellipse: s-maj=113.1km s-min=26.4km az=100.0, Vanuatu Islands region

Table listing station details for the IDC 12 19:34:55.9 region, including station names, azimuths, elevations, and frequencies.

IDC 12 19:48:52.3, 2.1, 3.78'S, 152.33'E, h0km, mb3.5/3, mtbmp3.6/4, ML1.5/1, Error ellipse: s-maj=136.6km s-min=21.1km az=121.0, New Ireland region

Table listing station details for the IDC 12 19:48:52.3 region, including station names, azimuths, elevations, and frequencies.

IDC 12 19:50:51.9, 0.7, 3.79'S, 152.18'E, h0km, mb4.1/18, mtbmp4.1/20, ML2.8/2, MS3.8/30, Error ellipse: s-maj=23.3km s-min=11.0km az=104.0, NEIC 12 19:50:52.6, 2.1, 3.72'S, 0.07, 152.52'E, 0.09, h10km, 1km, mb4.6/26, Error ellipse: s-maj=17.3km s-min=5.7km az=125.0, DJA 12 19:51:09.9, 3.1, 4.5'S, 13.15'E, 2.3, h2km, 1.5km, M4.7/12, mb4.6/12, mb5.0/3, MLV4.8/1, Mw(mb)4.3/3

Table listing station details for the IDC 12 19:50:51.9 region, including station names, azimuths, elevations, and frequencies.

2020 DEC

Main table listing station details for the 2020 DEC period, including station names, azimuths, elevations, frequencies, and other parameters.

588

Table listing station details for the 588 region, including station names, azimuths, elevations, frequencies, and other parameters.

IDC 12 20:00:42.5, 16.0, 24.14'S, 179.98'W, h528km, 166km, mb3.1/4, mtbmp4.0/4, Error ellipse: s-maj=28.7km az=56.0, ISC 12 20:00:40.2, 1.3, 23.93'S, 0.03, 179.8'W, 0.2, h518km, n8, s-maj=85.9, mb3.6/4, South of Fiji Islands

Table listing station details for the IDC 12 20:00:42.5 region, including station names, azimuths, elevations, frequencies, and other parameters.

IDC 12 20:03:57.0, 0.5, 18.41'N, 120.56'E, h0km, mb3.9/24, mtbmp4.0/26, ML3.9/2, MS3.6/4, Error ellipse: s-maj=19.5km s-min=12.3km az=71.0, MAN 12 20:04:02.0, 18.54'N, 120.52'E, h21km, MS4.4, NEIC 12 20:04:03.8, 1.4, 18.51'N, 0.05, 120.55'E, 0.1, h43km, 7km, mb4.3/34, Error ellipse: s-maj=15.7km s-min=7.3km az=93.0, ISC 12 20:03:59.8, 1.9, 18.50'N, 0.04, 120.41'E, 0.04, h14km, 12km, n11, s-maj=115.0, mb3.6/4, ML3.9/3, Luzon

Table listing station details for the IDC 12 20:03:57.0 region, including station names, azimuths, elevations, frequencies, and other parameters.

589

Table containing station information for stations 589-710. Columns include station name, coordinates, time, and other metadata. Includes stations like IPH, HHC, HHC, MJAR, MORE, SONM, etc.

2020 DEC

Table containing station information for stations 710-850. Columns include station name, coordinates, time, and other metadata. Includes stations like NNC, JMU, TSSA, AAK, etc.

12d 21h

Table containing station information for stations 850-995. Columns include station name, coordinates, time, and other metadata. Includes stations like D22K, ILAR, BMAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUNU, BLEU, BJUU, DEL.

BGR 12:21:29.46.6, 43.18N, 46.64E, h33km, mb4.4
IDC 12:21:29.46.8, 0.4, 43.04N, 45.47E, h0km, mb4.2/2,
mtbpm4.3/40, ML4.1/11, MS4.0/71, Error ellipse:

NEIC 12:21:29.48.9, 1.0, 43.16N, 0.06, 45.53E, 0.09, h10km, 1km,
mb4.7/96, Error ellipse: s-maj=1.9km s-min=10.7km
az=65.0

TIF 12:21:29.48.3, 43.15N, 45.43E, h11km, 1km
MOS 12:21:29.48.6, 43.03N, 45.64E, h20km, MPVA5.4
DRS 12:21:29.49.7, 42.94N, 45.59E, h6km, FELT I-V MSK at

GCMT 12:21:29.49.0, 2.43, 16N, 0.01, 45.40E, 0.03, h13km, 1km,
MW4.8/101, Moment Tensor Solution. s25,c27;
s101,c144. Duration: 0 Moment tensor: Scale 1016Nm;

NORS 12:21:29.49.0, 43.02N, 45.56E, h17km, MPVA5.3
BUI 12:21:29.49.7, 42.94N, 45.31E, h38km, mb4.9/3, mb4.5/34,
Ms4.8/25, Ms7.4/27

ISK 12:21:29.50.4, 43.14N, 45.40E, h19km, ML4.7/22
GFZ 12:21:29.50.8, 0.2, 43.1N, 2.4, 46E, h10km, M4.4/57,
mb4.5/57

NAO 12:21:29.55.8, 43.23N, 45.27E, h33km, MB4.2
ISC 12:21:29.49.0, 0.5, 43.11N, 0.02, 45.54E, 0.01, h13km, 889,
h14km; p-P, n848, c1978, 889, mb4.5/133, MS4.1/73,
62C-37D, Eastern Caucasus

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GROG, GROC, DVE, KMGVR, VLKR, BTRK, etc.

Main station list table with columns: MAK, comp-Z, smax, pmx, pmax. Includes stations like MAK, SEAG, NCK, TBLG, etc.

Main station list table with columns: SENK, HOPA, LABN, RPOP, NAX, AGRB, AGRE, VESY, VSLR, etc.

Table of astronomical observations for 2020 DEC, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2020 DEC, continuing from the previous table with various object names and coordinates.

Table of astronomical observations for 12d 21h, listing objects like BCAR, SHEM, HYT, and their respective coordinates and magnitudes.

JMA 12 21:42.44:5.0.1, 42:9N, 0:3:145:7E:0.4, h39km, 1km, MV3.0/36, OFF NEMURO PENINSULA

SKHL 12 21:42.45:0.0.3, 43:00N:145:80E, h43km, 6km, mb4.4/4

ISC 12 21:42.44:9.2.1, 43:0N:0:1:145:71E:0:0:08, h42km, n12, c033/21, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res, ISC. Lists various seismic stations and their data.

IDC 12 21:48:17.6±1.7, 3:88S:151.77E, h0km, mb3.3/3, mbtmp3.3/3, MS3.5/1, Error ellipse: s-maj=29.7km

s-min=24.0km az=64.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res, ISC. Lists seismic stations and data.

IDC 12 21:53:42.4:0.9, 5:29S:153:38E, h0km, mb3.9/8, mbtmp3.9/9, ML2.4/1, MS3.4/8, Error ellipse: s-maj=21.9km

s-min=17.1km az=102.0, NEIC 12 21:53:43.0:0.7, 5:39S:0:09:153:4E:0:1, h8km, 8km, mb4.0/6, Error ellipse: s-maj=21.5km s-min=12.1km az=74.0

ISC 12 21:53:48.8:1.0, 5:35S:0:07:153:3E:0.1, h43km, n28, c1938/27, mb3.9/11, MS3.8/5, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res, ISC. Lists seismic stations and data.

Table with columns for station name, coordinates, and other parameters. Includes stations like WTP, SSHA, TAI1, etc.

2020 DEC

Table with columns for station name, coordinates, and other parameters. Includes stations like YHNB, YHNS, KSHI, etc.

IDD 12 23:49:37.5-0.6, 35.54N:138.77E, h178km, 4km, mb3.5/16, mbtmp4.0/19, MS3.7/2, Error ellipse: s-maj=27.3km, s-min=7.2km az=68.0

NEIC 12 23:49:38.3-1.1, 35.56N:0.05:138.69E:0.09, h182km, 6km, mb4.0/19, Error ellipse: s-maj=10.3km, s-min=7.3km az=85.0

NIED 12 23:49:38.0, 35.57N:138.79E, h180km, MW3.9, Moment Tensor Solution, s3, Moment tensor: Scale: 10^14 Nm, Mw: 1.90, Mw-6.69, M1: 1.0, M2: 1.0, M3: 1.0, Mw: 2.79; Fault plane solution: M7.09000x10^14 NP1: 0.283, 0.0000; 0.850, 0.0000; 1.136, 0.0000. NP2: 0.45, 0.0000; 0.858, 0.0000; 1.49, 0.0000.

JMA 12 23:49:38.0, 0.2, 35.6N:0.7:138.8E:0.7, h180km, 1km, MV4.0/40, CENTRAL YAMANASHI PREF. JMA Felt J1 at CENTRAL YAMANASHI PREF.

ISC 12 23:49:37.0-0.6, 35.57N:0.05:138.73E:0.05, h182km, 5km, n84, c095/94, mb3.9/27, 5D, Eastern Honshu

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residuals, ISC, and other parameters. Lists numerous stations like JYN, JOD2, JRY, etc.

Table with columns for station name, coordinates, and other parameters. Includes stations like AB31, ASAR, ASAR, etc.

AB31 Akbulak array 57.23 310 P P 23 59 05.8 +0.0

ASAR Alice Springs 59.09 165 P P 23 59 19.6 +0.6

ASAR Alice Springs 59.09 165 P P 23 59 19.1 +0.1

ARCES ARCES Array B 64.60 339 P P 23 59 55.3 +0.2

FIAT1 FINES Array B 69.09 332 P P 23 59 23.7 +0.2

FINES FINES Array B 69.09 332 P P 00 00 24.0 +0.5

FINES Malin Array Be 74.11 321 P P 00 00 53.9 +0.2

KIEV Kiev 74.12 321 P Iamb Iamb 00 00 53.7 -0.1

NC405 NORSAR Array S 74.46 336 P P 00 00 56.2 +0.6

HFS Hagfors 74.51 335 P P 00 00 56.4 +0.5

NB2 NORSAR Subarray 74.68 336 P P 00 00 57.4 +0.5

NOA NORSAR Array B 74.68 336 P P 00 00 57.4 +0.5

BRTR Keskin Array B 78.18 310 P P 00 01 17.2 +0.1

VRAC Vran0 81.15 326 LR LR 00 38 52.2

GERES GERES Array B 82.79 327 P P 00 01 42.0 +0.6

GERES GERES Array B 82.79 327 P P 00 01 41.4 -0.1

EKA Eskdalemuir Ar 83.73 339 P P 00 01 46.8 +0.7

TXAR Lajitas Array 92.73 51 P P 00 02 30.2 +0.7

TXAR Lajitas Array 92.73 51 P P 00 02 29.6 0.0

ISC 12 23:50:19.3-0.6, 43.03N:45.51E, h0km, mb3.7/18, mbtmp3.7/28, MS3.1/8, Error ellipse: s-maj=10.3km, s-min=6.7km, az=164.0

TIF 12 23:50:20.9, 43.07N:45.52E, h14km, 1km, MOS 12 23:50:20.4, 43.02N:45.55E, h11km, MPVAA.8

NORS 12 23:50:21.2, 43.00N:45.55E, h17km, MPVAA.8, NEIC 12 23:50:21.3, 1.2, 43.22N:0.03:45.59E:0.08, h10km, 1km, mb3.4/27, Error ellipse: s-maj=1.1km, s-min=2.9km, az=62.0

DRS 12 23:50:21.8, 42.95N:45.44E, h6km, FELT I=III MSK at Uruk-Martan, Chechen-Ural, Grozny, Achkhoy-Martan; I=II MSK at Shali

ISC 12 23:50:22.4-0.8, 43.08N:0.02:45.55E:0.01, h23km, 6km, Halar Array B 19.70 321 P P 00 05 01.6

Table with columns for station name, coordinates, and other parameters. Includes stations like DVE, GROC, GROC, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like Makhachkala, Digorskoe uzhe, Delisi, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like Malin Array Si, Moscow, Gurov, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like ARCES ARCESS Array B, WMQ Urumqi, EKA, etc.

13D 00:05:16.8:0.9,32:85x178:25W,h0km,mb4.4/3, m4mp4.4/6,ML4.1/3,MS3.5/11, Error ellipse: s-maj=33.9km s-min=15.7km az=106.0

NEIC 13 00:05:17.4:1.5,32:86S,0:05:177:8W,0:2,h10km,1km, mb4.6/9, Error ellipse: s-maj=32.1km s-min=8.3km az=85.0

WEL 13 00:05:20.9:0.9,33:5:14:17:9W,3:6,h100km,M4.4/10, mb4.6/6,ML4.8/10,MLV4.9/10,Mw(mB)5.6, Error ellipse: s-maj=49.6km s-min=4.2km az=110.5

ISC 13 00:05:17.9:0.7,32:74S,0:06:178:2W,0:1,h10km,55h, az=126:56,mb4.6/9,MS3.5/11,1C,Source of Kernadec

Islands

Table with columns: Code, Station Name, Frequency, Mode, Band, and other technical details. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

Table with columns: PPT, Station Name, Time, Res, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Papeete, Stephens Creek, Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DMDM, PSGH, TRN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAZZ, SHI, DSBU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JIKM, JIKM, JINTH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAZZ, SHI, DSBU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like KNOS, UZB, KAPS, etc.

SFS 13 03:27:24.6, 35.45N, 3.66W, h16km, ML2.8, ML2.8/8, ML2.7/8

INMG 13 03:27:24.5, 1.6, 35.44N, 3.65W, h6km, ML2.2, Error ellipse: s-maj=3.6km s-min=3.0km az=22.0, #DIST_RANGE: REGIONAL #PMA_REGION: NE AI

MDD 13 03:27:24.1, 0.5, 35.47N, 3.65W, h0km, 3km, mb Lg2.6/23, Error ellipse: s-maj=2.8km s-min=2.2km az=149.0

CNRM 13 03:27:26.5, 35.46N, 4.08W, h18km

ISC 13 03:27:24.0, 1.0, 35.46N, 0.02, 3.66W, 0.03, h16km, 8km, n61, c1926/107, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like PALE, EMEL, WMELI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like EOTA, EJIF, ENIJ, etc.

IDC 13 03:41:12.2, 1.5, 17.82S, 178.63W, h604km, 18km, mb3.4/12, mbtmp4.3/14, Error ellipse: s-maj=20.8km s-min=13.9km az=137.0

NEIC 13 03:41:12.5, 1.5, 17.8S, 0.1, 178.6W, 0.1, h601km, 8km, mb4.1/41, Error ellipse: s-maj=21.3km s-min=16.2km az=143.0

ISC 13 03:41:11.7, 0.6, 17.8S, 0.1, 178.6W, 0.1, h600km, n61, c0751/56, mb4.0/31, 1D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MSVF, SAROUT, PINNC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MORW, TOLIZ, GIRL, etc.

TEH 13 03:56:10.7, 37.18N, 58.44E, h12km, 584km, ML2.9, Presumed earthquake

ISC 13 03:56:09.3, 0.9, 37.30N, 0.06, 58.48E, 0.04, h10km, n10, c196/12, 2D, Iran-Turkmenistan border region

ISFR Strayin 0.46 237 Op P 03 56 18.9 -0.7

DJA 13 04:06:34.2, 1.4, 0.5S, 13.2E, h17km, 12km, M3.9/7, MLV3.97

ISC 13 04:06:34.5, 0.8, 0.40S, 0.07, 132.14E, 0.07, h31km, n26, c138/24, mb3.9/5, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SIJI, SIJI, SIJI, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time Res, h m s ISC. Includes entries like BRK Katmai Pasha, N19K Bonanza Creek, Q18K Katmai Hood, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time Res, h m s ISC. Includes entries like CHGN Chignik, DHY Denali Highway, KAIM Kayak Island, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time Res, h m s ISC. Includes entries like UCH Uchto, MRKS Merke, EKS2 Erkin-Say, etc.

13 05:43:40.9-5.9, 36.9N; 71.47E, h92km, 46km, mb3.4/6, m12mp4.0/11, MS3.0/2, Error ellipse: s-maj=42.8km s-min=24.3km s-min=21.0

NCC 13 05:43:44.5-3.5, 37.32N; 71.13E, h160km, 122km, mb3.2, mp4.0, Error ellipse: s-maj=47.5km s-min=17.1km az=0.0

ISC 13 05:43:42.5-1.3, 37.1N; 0.1-1.71E, h106km, m27, s=112/27, mb3.5/6, 4C, Afghanistan-Tajikistan border

13d 5h

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like ISP, EIL, KURK, OBNS, etc.

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Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like TESR, MI30, SURL, GIRR, etc.

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Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like KRLC, DPC, WINA, OSTC, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like FAUS, LEIR, TRO, SKAR, STOK, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like LBST, LBTT, LBTT, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SMDR, SDD, SDD, etc.

SSNC 13 06:07:45.8±2.7, 19°34N:70°39W, h20km±181km, MB4.9, MD4.0, ML4.2, Presumed earthquake
IDC 13 06:07:46.5±0.6, 19°66N:70°42W, h0km, mb3.7/10, m-bmp3.8/14, ML3.3/4, MS3.0/2, Error ellipse: s-maj=18.0km s-min=13.8km az=53.0
PTWC 13 06:07:48, 19°50N:70°40W, h12km, ML4.4/12, DOMINICAN REPUBLIC REGION
NEIC 13 06:07:49.7±1.9, 19°53N:0.04°70.37W±0.03, h20km±4km, mb4.2/87, Error ellipse: s-maj=6.5km s-min=3.6km az=175.0

SDD 13 06:07:50.1±2.3, 19°51N:70°43W, h0km±8km, MD4.1, ML4.2, MW3.8, Presumed earthquake
OSPL 13 06:07:50.0±2.4, 19°49N:70°40W, h5km±9km, ML4.0, Presumed earthquake
JSN 13 06:08:00.4±0.8, 18°34N:71°24W, h0km±999km, Presumed earthquake
ISC 13 06:07:47.8±1.1, 19°56N:0.03°70°41W±0.02, h14km±7km, n180, s196/209, mb4.2/32, 19C-17D, Dominican Republic region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, and other technical details. Includes stations like SFM1, SFDR, SC01, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like MOAC, MOAC, PDRP, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ROSC, Y58A, TEIG, JSC, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KARP, ARG, THRB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Grand Turk, Masungsbyn, Lauukuluspa, etc.

Presumed earthquake, Sweden

AWIC 13 06:34:31.91, 1.9, 52.81N, 0.07, 168.21W, 0.06, h32km, 4km, Error ellipse: s-maj=10.7km s-min=4.3km az=158.0

ISC 13 06:34:33.3, 3.4, 52.98N, 168.36W, h47km, 31km, mb3.8/20, mbmp4.0/22, ML3.6/2, MS3.6/29, Error ellipse: s-maj=23.1km s-min=12.5km az=1.0

NEIC 13 06:34:33.1, 5.2, 52.94N, 0.08, 168.33W, 0.07, h48km, 6km, mb4.5/155, ML4.5/24, ML4.2(AEIC), Error ellipse: s-maj=12.5km s-min=4.8km az=157.0

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nikolski High, Okmok Mt. Tuli, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rabbit Creek A, Port Wells, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yellowstone No, WAKE ISLAND Hy, etc.

Table with columns for station code, name, and various parameters (e.g., M30M Minto, Yulon, BURAR Bucovina Array). Includes a detailed description for the MOS station: 'MOS 13 06:55:32.5,1.1,4.0:28S:78.11E,h10km,mb5.2/31,Error ellipse: s-maj=16.0km s-min=8.1km az=86.6'.

Main table listing station codes and names, such as AIS Amsterdam Isla, H402N CROZET ISLANDS, H404N CROZET ISLANDS, etc.

Main table listing station codes and names, such as HALK Hakmana, MATP Matopo, FITZ Fitzroy Crossi, etc.

Main table listing station codes and names, such as LUWI Luwuk, HYB Hyderabad, SANI Sanana, etc.

Table of radio stations with columns for PPT, Call Sign, Frequency, Class, and other details. Includes stations like Papeete, Pamatai, Alice Springs, etc.

Table of radio stations with columns for Call Sign, Frequency, Class, and other details. Includes stations like KMBL, SJJI, SOKU, SOEI, etc.

Table of radio stations with columns for Call Sign, Frequency, Class, and other details. Includes stations like KKM, KKM, JHH, BBJI, BBJI, etc.

13d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Palmer Station, Prapat, Tymoovskoe, Gunungsitoli, Wuhan, Dalian, Sand Point, Gornyy, Princess Elisa, BinXian, Lkhok Sumawe, Kul'dur, Fort Hunter Li, Son La, San Andreas Ge, Enshih, Monarch Peak, Bear Valley Ra, Troll, Big Mountain B, Mount Hamilton, LuoYang, Geysers, HongShan, Sanae, Osito Audit: C, Old Harbor, Neumayer Olymp, Dos Picos City, Beijing, Columbia Colle, Borrego Spring, Dunn Ranch, Kodiak Island, Yuh Desert, Neumayer-Stat, Camp Six Broad, Forest Hills D, Oroville, Pinyon Flats O, Pinyon Flats O, Pinyon Flats O.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Heihe, Calhan, Cave Junction, Magadan, China Lake, Devils Postpil, Taiyuan, Belle Mtn. Jos, Yreka Blue Hor, Yreka Blue Hor, Willamette Mer, Tinemaha, Big Chuckawall, Marlis Peak, Xian, Glamis, Beckworth, Pine Nut, Kunning, Klamath Falls, Pinacate, Yerrington, Chiang Mai Arr, Chiang Mai Arr, Chiang Mai Arr, Chiang Mai Arr, Little Huntoon, Coyhaique, Grapevine Rang, Iron Mountain, Greenwater Val, Chiang Mai, Chiang Mai, Chiang Mai, Shoshone, Mina Array Bea, Blythe, Mohave Valley, Mina Array Sit, Mountain Pass, Iliamna South, Organ Pipe Nat, XilinHaoTe, Tonopah, Modoc Plateau, Summer Lake, McMinnville, O, Fort Rock, Juan Fernandez, Futaleufu, Wickenburg, Hu-ho-hao-te, Zeya, Terrebonne, Pahroc Range, Chengdu.

610

Table with columns for station name, frequency, power, and other technical details. Includes stations like Hood, Battle Mountai, Seymchan, Hailar, Hilar, Wild Horse Val, Tucson, Tucson, Baotou, Skwentna, Carlson Farm, Lo Mia Camp, Green Mountain, Little Creek M, Circle Bar Ran, Campbell River, Glory Hole Cre, Bella Bella, Kanab, Shurtz Canyon, Wupatki, Phinny Hill Vi, Elko, Bremner River, Paso Flores, Paso Flores, Paso Flores, Curarehue, Moxie City, Pilot Rock, Castle Rocks, Liberty, Tana Glacier, East Falkland, East Falkland, Snowflake, Hanford, Verde Repeater, Wahluke Slope, Gilahina Butte, Three Creeks R, Shuksan-Mt. B, Thorfare Moun, Dider Farm, Lanzhou, Lanzhou Array, Petrified For, Blue Mountains, Barnard Glacier, Epitaph, Denali Highway, Cookes Peak, Mount Upton, Wollman Farm, McKinley, Wood Farm, Passet, Henry Mountain, Lillooet, Nabesna, El Paso, San Fabn de, Bilibidion.

Table with columns for call sign (e.g., COVR, PGOR), name (e.g., Voineasa-Covas, Pogonae), frequency (e.g., 147.75 320), and status (e.g., ↑P, PKPbc).

Table with columns for call sign (e.g., baz=28,slow=2.4, MLED), name (e.g., Plovdiv, Malo Peshtene), frequency (e.g., 150.54 315), and status (e.g., eP, PKPbc).

Table with columns for call sign (e.g., BRY, DRME), name (e.g., Bratogost, Dračevica, Mon), frequency (e.g., 153.93 321), and status (e.g., eP, PKPbc).

Gll 13 07:43:19.5:0.0,32:322N,0:004:35:236E,0:001,h0km

13d 8h

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like WSI Waingapu, BASI Baing Sumba, KAPI Kappang, etc.

2020 DEC

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like KMBL Kambalada, MWPI Manokwari, WBO Warramunga Arr, etc.

614

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like KRVT Keravat, NJ2 Nanjing, RABL Rabaul, etc.

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13d 8h

Main table containing station call signs, frequencies, and signal quality metrics. Includes columns for call sign, frequency, mode, and signal strength.

13d 9h

Table of seismic events for 13d 9h, including stations like SHAT1, KIV, ASF, BELG, etc., with columns for station name, time, magnitude, and location.

2020 DEC

Table of seismic events for 2020 DEC, including stations like MNK, BURAR, FINES, etc., with columns for station name, time, magnitude, and location.

616

Table of seismic events for 616, including stations like COPN, BURAR, FINES, etc., with columns for station name, time, magnitude, and location.

Table with columns for location (e.g., Monterenzio, Bagni Di Lucca), numerical values (e.g., 0.55 115), and status (P, S, AML, Pn, Pb).

Table with columns for location (e.g., Carmignano, Luterano, Palmaria, Port, Firenze, Pisa, Rufina, Bobbio, Castelleone, Barisano, Orzinuovi, Gorreto, Concesio, Monte Baldo), numerical values (e.g., 0.83 170, 0.86 128, 0.87 230), and status (P, S, AML, Pn, Pb).

Table with columns for location (e.g., Asqua, Magasa, Capriolo, Sandrigo, Castellina Chi, Bagolino, Zone, Caprese Michel, Doss del Somm, Genova Univers, Ronca, Sant'O), numerical values (e.g., 1.09 138, 1.17 355, 1.19 330), and status (P, S, AML, Pn, Pb).

Table with multiple columns containing alphanumeric codes (e.g., LUSI, RONC, CAPRAIA), numerical values (e.g., 1.37, 1.36, 1.70), and other codes (e.g., P, Pn, AML, AXL). The table lists various entries in a grid-like structure.

Table with columns: Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like Savonnières en Avre, Saint Sauveur, Trest, Novy Kostel, etc.

RSNC 13 09:31:55.1±0.0, 7°N, 5°7'30"W, h140km, 7km, M2.0, ML1.9
FUVN 13 09:31:56.6, 7°07'N, 7°33'53"W, h83km, MW2.6, Presumed earthquake

ISC 13 09:31:52.2±1.6, 6.84N, 0°04'-73'12W, 0.05, h165km, 9km, n21, c1547/40, Northern Colombia

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like BARC, BRUC, BRUC, etc.

AFAD 13 09:38:35.9, 40°63'N, 29°06'E, h7km, 3km, ML1.5
ISK 13 09:38:35.3, 40°66'N, 29°05'E, h14km, 2km, ML1.6/9,

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like ARMT, TUZL, GEML, etc.

Table with columns: Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like Sancaktepe, Istanbul-Kandi, Hereke, emettuln, etc.

RSNC 13 09:42:36.3±0.0, 7°N, 7°7'35"W, h130km, M2.1, ML1.9
FUVN 13 09:42:36.3, 7°13'N, 7°33'53"W, h26km, MW2.7, Presumed earthquake

ISC 13 09:42:34.4±1.6, 6.85N, 0°04'-73'14W, 0.05, h156km, 12km, n20, c1520/36, Northern Colombia

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like RUSC, CAPV, PUERTO BERRIO, etc.

RSNC 13 09:43:27.4±0.0, 7°N, 5°7'30"W, h141km, 8km, M2.0, ML1.8
FUVN 13 09:43:27.6, 7°16'N, 7°33'53"W, h31km, MW2.2, Presumed earthquake

ISC 13 09:43:26.2±0.0, 6.83N, 0°05'-73'10W, 0.06, h153km, 13km, n13, c082/24, Northern Colombia

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like BARC, BRUC, BRUC, etc.

IDC 13 09:46:55.3±4.4, 48°34'S, 126°15'E, h0km, mb3.5/3, mbmtmp3.6/3, Error ellipse: s-maj=116.6km

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like H01W1, H01W2, H01W3, etc.

YKA Yellowknife Ar 144.56 44 PKP PKPbc 10 06 31.6 ±0.5

IDC 13 09:57:57.5±8.8, 20°17'S, 69°23'W, h98km, 67km, mb3.3/2.1, mbtmp3.5/2, ML3.1/1, Error ellipse: s-maj=164.1km

GUC 13 09:57:59.7±0.6, 19°81'S, 69°27'W, h96km, 2km, ML3.2, Presumed earthquake

ISC 13 09:57:59.6±1.0, 19.87S, 0°04'-69°39W, 0.07, h96km, 7km, n20, c134/25, 3C-2D, Northern Chile

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like PB11, GO01, PSGCX, etc.

IDC 13 10:18:32.1±1.9, 6°32'S, 146°76'E, h95km, 17km, mb3.7/1.3, mbtmp4.1/17, MS3.0/2, Error ellipse: s-maj=27.4km

NEIC 13 10:18:35.3±1.2, 6°47'S, 0°07'-146°6E, 0.1, h111km, 4km, mb4.4/20, Error ellipse: s-maj=16.2km s-min=10.1km

ISC 13 10:18:34.1±0.6, 6.45N, 0°05'-146°56E, 0.08, h110km, n48, c1514/50, mb4.2/21, Eastern New Guinea region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like PMG, PMG, PMG, etc.

Table with columns: ZALV, Zalesovo Beam, 79.16 328 P, P, 10 30 25.2 -1.4, comp=Z,0.4nm,0.4s,baz=110,slow=8.1,SNR=2.0

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

Table with columns: SJA 13 10:47:56.1±0.6,21.27S:67.30W,h207km,5km,ML3.8,MW3.6

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

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

Table with columns: HUMP, Col San Antoni, 2.34 116, IAML, 11 33 46.1

IDC 13 11:34:15.4-0.5, 43.06N-45.51E, h0km, mb4.1/24, mbmp4.2/37, ML4.2/11, MS3.6/44, Error ellipse: s-maj=9.3km s-min=7.7km az=144.0

Main table for Caucasus region with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, Res ISC

Table with columns: DGRG David-gareji, 1.63 184, P S Pg, 11 34 50.0 -0.3

DDFL Defodlistskaro 1.69 165 P S Pg 11 34 50.9 -0.5

Main table for Caucasus region (continued) with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, Res ISC

Table with columns: LABN LABN, comp=Z,124nm,0.9s, eS MPR, Sn pmax, 11 36 03.9 +2.7

LABN LABN, comp=Z,124nm,0.9s, eS MPR, Sn pmax, 11 36 03.9 +2.7

Main table for 13d 11h region with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, Res ISC

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDGK Podgornoye, RETA Reutte, WUS Wushi, FABU Falkenberg, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO Kilima Mbogo, LZH Lanzhou, TIXI Tiksi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SALTA San Pedro de A, SLA San Lorenzo, FSA Cafayete, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like VILB Vilhena, PP1B Ponte de Pedra, H03N1 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like HWUT Hardware Ranch, AHID Auburn Hatcher, ULM Lac du Bonnet, etc.

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

TAP 13 12:00:24.7, 21.871N, 122.71E, h56km, ML4.0, D
JMA 13 12:00:25.0, 21.5, 122.71E, h73km, MV3.4/17, FAR
S OFF ISHIGAKIJIMA

MAN 13 12:00:27.0, 21.701N, 122.135E, h25km, MS3.1
ISC 13 12:00:21.6, 1.5, 21.981N, 122.725E, 0.03, h4km, 11km, n121, e1946/191, Taiwan region

BUT 13 12:05:23.1, 2.2, 44.13N, 0.02, 115.09W, 0.03, h10km, 7km, Error ellipse: s-maj=3.4km s-min=2.6km az=158.0
NEIC ML3.2/2.2, ML3.5/2.7/ML3.0, Error ellipse: s-maj=4.5km s-min=3.0km az=342.0, Western Idaho

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and Description. Includes stations like SNOW Snow King Moun, AHID Auburn Hatcher, OVMT Ovando, etc.

DNK 13 12:05:38.8±0.7, 27.35N±75.69W, h0km±74km, Presumed earthquake
OTT 13 12:05:39.6±0.1, 27.41N±76.00W, h18km, MN3.75, 74km southeast from Pond Inlet, Nu Eastern Arctic Background Seismic Zone.

IDC 13 12:05:40.8±3.6, 71.70N±77.08W, h0km, mb3.1/2, mbmp3.4/4, ML3.2/2, Error ellipse: s-maj=68.5km s-min=31.8km az=48.0

ISC 13 12:05:35.8±0.7, 72.37N±0.06±75.71W±0.05, h10km±n16, ±296/27, Baffin Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and Description. Includes stations like POIN Pond Inlet, CLRN Clyde River, ILON Igloolik, KULLO Kulorsuaq, etc.

IDC 13 12:08:23.2±2.5, 42.86N±45.43E, h0km, mb3.4/1, mbmp3.2/4, ML2.6/2, Error ellipse: s-maj=39.1km s-min=21.8km az=1.0

MOS 13 12:08:26.3, 43.02N±45.54E, h12km, MPVA4.1
NORS 13 12:08:26.8, 43.01N±45.51E, h18km, MPVA3.9
TIF 13 12:08:27.3, 43.03N±45.48E, h16km
DRS 13 12:08:29.1, 42.96N±45.70E, h6km

ISC 13 12:07:26.0±9.4, 43.06N±0.02±45.50E±0.01, h16km±7km, n86, ±1927/153, 1C-2D, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and Description. Includes stations like GROG Grozny, LYMT Lyon Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and Description. Includes stations like GROG Komgaron, VEDENO Vedeno, SHATIL Shatili, etc.

KBZ Khatibaz 2.01 290 P Pg 12 08 00.8 ±0.1

KBZ Khatibaz 2.01 290 P Pg 12 08 00.8 ±0.1

KBZ Khatibaz 2.01 290 P Pg 12 08 00.8 ±0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and Description. Includes stations like GROG Grozny, LYMT Lyon Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and Description. Includes stations like AKT Akhty, SOC Sochi, BRTR Keskin Array B, AKTO Akhtynsk, etc.

PRU 13 12:48:38.1, 43.93N±21.83E, h1km
THE 13 12:48:39.6, 44.1N±5.2±2E, h0km, M3.4/17, ML3.4/17

TIF 13 12:48:39.6, 43.79N±0.03±21.54E±0.04, h10km±7km, n86, ±1927/153, 1C-2D, Eastern Caucasus

PDG 13 12:48:39.1±0.4, 43.81N±21.56E, h14km, ML3.5/11, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0

BEO 13 12:48:39.0±1.0, 43.84N±21.56E, h2km±1km, ML3.5/30
ISC 13 12:48:39.1±0.9, 43.88N±0.01±21.57E±0.01, h1km±7km, n166, ±1925/255, 27C-28D, Northwestern Balkan Peninsula

13d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their associated data points.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations with specific time and resolution data.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations with specific time and resolution data, including error ellipses and other parameters.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SGKR, URKR, TRLG, VSHL, KTB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like OBN, AKOS, AKASG, AKASG, AKASG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARSB, ARSB, EK2S, KRLC, KRLC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SQA, BJTU, MOTA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DBG, DVG, DAG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DVE, KMGR, DVG, etc.

IDC 13 13:36:41.8, 43:14N:45:64E, h9km, mb3.0/3.
mbmp3.0/3, Error ellipse: s-maj=84.9km s-min=16.1km
az=2.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains earthquake data for stations like PDAR, YHL, ILAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains earthquake data for stations like CMAR, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains earthquake data for stations like TEGC, Jichi Village, etc.

Table listing station names, codes, and coordinates for the 13d 17h period. Includes stations like LYUB Lan-yu, NSST Nanjuang, LIOB Emei, etc.

Table listing station names, codes, and coordinates for the 2020 DEC period. Includes stations like WTVZ Far West T-bar, FWVZ Ngauruhoe, NGZ Matarangi, etc.

Table listing station names, codes, and coordinates for the 2020 DEC period. Includes stations like URZ Otaki Gorge, OGWZ Tiroock, BFZ Birch Farm, etc.

Table listing station names, codes, and coordinates for the 2020 DEC period. Includes stations like WSI Waingapu, LBF Lahaban Bajo, PLAI Taliwang, etc.

Table listing station names, codes, and coordinates for the 2020 DEC period. Includes stations like LCRUZ La Cruz, INDI Punta Indio, CMARA Lajas Hojanca, etc.

Table listing station names, codes, and coordinates for the 2020 DEC period. Includes stations like TWVZ Taurewa, TWVZ Pokaka, PKVZ Chateau Observ, etc.

Table listing station names, codes, and coordinates for the 2020 DEC period. Includes stations like WTVZ Urewera, URZ Urewera, etc.

NEIC 13 17:40:03.0-0.9, 61.94N-0.03:151.40W-0.04, h48km, 7km, ML3.4/184, ML3.2(AEIC), Error ellipse: s-maj=4.3km s-min=2.0km az=212.0

ISC 13 17:40:02.8.0,8.6132N.0.003.151.34W.0.03,h91km,6km, h207,-0673/173,mb3.6/6, Southern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time (h:m:s), Res (ISC), and other data. Includes entries like SWENTNA, SUSITNA ONE, MOUNT SPURR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time (h:m:s), Res (ISC), and other data. Includes entries like PAX, HARP, M17K, WRH, PS12, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time (h:m:s), Res (ISC), and other data. Includes entries like SAMH, L14K, G17K, O20M, etc.

NEIC 13 17:45:08.1±0.8,60.02N.0.04±153.31W.0.04, h126km,4km,ML3.5/138,ML3.3(AEIC),Error ellipse: s-maj=6.3km s-min=1.2km az=157.0 AEIC 13 17:45:08.7±0.4,59.99N.0.04±153.24W.0.08, h125km,3km,Error ellipse: s-maj=6.2km s-min=5.1km az=136.0

IDC 13 17:45:09.2±8.4,60.26N±153.30W, h120km,73km,mb3.2/1, mbmpd.0/3,MS3.3/2,Error ellipse: s-maj=67.6km s-min=36.9km az=118.0

ISC 13 17:45:07.8±0.9,59.97N.0.04±153.21W.0.04, h132km,6km,n185,±106/165, Southern Alaska

13d 19h

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like KDAK Kodiak Island, M22K Willow, and various other maritime frequencies.

2020 DEC

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like CCB comp=N,12nm,1.1s, PTPK Pasty Peak, and various other maritime frequencies.

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Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like GMSY Great Sitkin S, GSSP Kagalaska Isla, and various other maritime frequencies.

Table with columns: J30M, Station Name, Time, Res, and various parameters. Includes stations like Hart River, Eagle Plains, Satrah River, Inuvik, Sachs Harbour, Yakutsk, Tiksi, Yellowknife Arr, etc.

2020 DEC

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like Prapat, Prapat, Tuntungan, Kotacane, Aceh, Tarutung, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like Coleville, Stony Hill, Pilon, Greenwich, Las Mercedes, etc.

13d 20h

Table with columns for station name, coordinates, and other technical data. Includes stations like San Juan, Santo Domingo, Rusc La Rusia, etc.

2020 DEC

Table with columns for station name, coordinates, and other technical data. Includes stations like RONA Rosalia, UPC Upice, VTRC Vranov, etc.

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Table with columns for station name, coordinates, and other technical data. Includes stations like PLAI DBNI, DBNI BBKI, LBF1 Labuhan Bajo, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Montolieu, Fillols, Beuda, Fontmartina, Oroz-Betelu, Ste Jean, Garraf, Saint Jean de, La Jonquera, Horta de San J, Aranguren, Ebro Roquetas, Alkurruntz, Cassa de la Se, Palau Saverder, Gruissan, Illa de Buda, Castello, La Frestale, Mosqueruela, Mosqueruela, Celadas (Terue), Calviac, Islas Columbre, Lanestosa, Mallorca, Mallorca, Chera, Ibiz, Ibiz, Saint-Julien-I, Universidad Co, Simiane la Rot, Toulx Ste Croi, Saint Martin d, Bois d'Angland.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Tobarra, La Moure, Oris-en-Rattie, Arriondas, Sonseca Array, Avril sur Loir, Signal de Mont, San Pablo, Saint Sauleg, Zarzadilla de, Granatula de C, Gopatel, Lormes, La Plagne, La Plagne, Castar de Ib, La Chapelle, Calabor, Calabor, Gorron, Rostrenen, Adamuz, Adamuz, Quistinic, Pioggiola, Rostrenen, El Cabril, El Cabril, Haudompre, Savonnières en, Hinteralfeld, HINP, Haeju, Pyongyang, Pyongsong, Hamhung, Korea Array, Songino Array, Hachiojima, Kurchatov, Ussuriysk Arr, Kurbb, Kurbb.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Sinujuju, Haeju, Sariwon, Hamhung, Pyongsong, Nonsavu, Niue, Charters Tower, Stephens Creek, Stephens Creek, Wood Valley, Warramunga Arr, Warramunga Arr, Warramunga Arr, Alice Springs, Alice Springs, Forrest, Kuznura, Fitzroy Crossi, Ungalikthiuk R, Lebanon, Timber Creek, White Mountain, Eielson Array, Eielson Array, Talava, Bucovina Array, Keskin Array B, Keskin Array B, GERESS Array B, GERESS Array B, Davos/Dischmat, Alice Springs, Warramunga Arr, Fines Array B, Alice Springs, Warramunga Arr, Fines Array B.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MTSU Mount Surprise, CTA Charters Tower, and various other broadcast stations.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like STKA, DAV Davao City (W), BATI Baumat, and various other broadcast stations.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BKZ Black Star Fm, TKNZ Takaka Hill, and various other broadcast stations.

Table containing station names and various codes like MNRK, MNSK, MNRK, etc. Columns include station names, codes, and numerical values.

Table containing station names like IPOC Station P, IPOC Station P, and IPOC Station P. Columns include station names, codes, and numerical values.

Table containing station names like CLDB Colider, PCMB Pacaba, ANCO Parque Anchore, etc. Columns include station names, codes, and numerical values.

Table containing station names and codes like SJ1 13:22:16:06.0, NEIC 13:22:16:07.9, GUC 13:22:16:08.4, etc. Includes a 'Code' column with station names.

Table with 7 columns: Code, Station Name, Azimuth, Altitude, Position (Pn, S, P, A, eS), Time, and Res. Includes stations like Drakei, Karlov, Dyalyn, etc.

Table with 7 columns: Code, Station Name, Azimuth, Altitude, Position (Pn, S, P, A, eS), Time, and Res. Includes stations like Chichi jima, Chichijima, Chichijima, etc.

Table with 7 columns: Code, Station Name, Azimuth, Altitude, Position (Pn, S, P, A, eS), Time, and Res. Includes stations like YAK, YAKUTSK, CMAR, etc.

IDC 13 22:43:20.5i 1.2, 21.66N; 143.06E; h286km; 11km, mb4.1/34, mbtimp4/739, Error ellipse: s-maj=11.7km s-min=6.9km az=89.0 JMA 13 22:43:21.7i 0.3, 22.1N; 143.3E; h302km; 2km, MV5.1/36, MARIANA ISLANDS REGION GFZ 13 22:43:21.3i 0.2, 22.2N; 143.3E; h295km, M4.4/47, mb4.5/47 NEIC 13 22:43:22.1i 4.21, 21.72N; 143.0E; 0.1, h294km; 6km, mb4.4/65, Error ellipse: s-maj=16.7km s-min=10.7km az=87.0 ISC 13 22:43:21.4i 0.6, 21.67N; 143.01E; 0.07, h295km; 6km, n22z, s1906/251, mb4.4/108, 2C, Mariana Islands region Code Station Name Azimuth Altitude Position ID Time Res JHH2 Haha-jima-NKT2 5.00 351 Op ISC H 22:43:39.8 +1.2 JHH2 Haha-jima-NKT2 5.00 351 A A 22:44:39.8 SUR Sutherland 67.79 185 P P 22:50:49.1 -1.6

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Table of astronomical observations for station 645, listing codes, station names, dates, times, and residuals.

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

Main table of astronomical observations for station 645, including station names like Saba, SMRT, and dates.

2020 DEC

Table of astronomical observations for station 2020 DEC, listing codes, station names, dates, times, and residuals.

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

Main table of astronomical observations for station 2020 DEC, including station names like Rabaul, HNR, and dates.

13d 23h

Table of astronomical observations for station 13d 23h, listing codes, station names, dates, times, and residuals.

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

Main table of astronomical observations for station 13d 23h, including station names like Jammu, Alchi, and dates.

NEIC 13 22:56:25.0±2.6, 4.0S:0.2±1.53:17E:0.09, h10km, 1km, mb4.3/10, Error ellipse: s-maj=42.9km s-min=11.1km az=165.0

IDC 13 22:56:26.2±3.6, 3.91S: 152.47E, h0km, mb3.9/2, mbtmp4.0/2, MS2.9/1, Error ellipse: s-maj=148.3km s-min=49.9km az=119.0

ISC 13 22:56:27.3±1.2, 4.0S:0.3±153:2E:0.2, h35km, n17, 0±69/17, mb4.2/8, New Ireland region

Table of station information for New Ireland region, listing Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC.

ROM 13 23:08:31.4±0.4, 4.2:97N:0.02±7.75E:0.009, h8km, ML1.3/6, Error ellipse: s-maj=1.7km s-min=0.2km az=170.0

GEN 13 23:08:31.5, 43.94N:7.76E, h6km, M1.0, LDG 13 23:08:32.1±0.1, 43.95N:7.77E, h5km, Md2.7/5, Ml2.2/6, Error ellipse: s-maj=1.9km s-min=1.2km az=154.0

STR 13 23:08:32.1±0.1, 43.97N:0.07±7.76E:0.06, h1km, MLv1.6/22, LOCSAT earthModelID Alpes_taup-2.11 preliminary

ISC 13 23:08:31.6±0.8, 43.94N:0.02±7.78E:0.02, h11km±5km, n64, 0±76/119, Near south coast of France

Table of station information for Near south coast of France, listing Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC.

IDC 13 23:55:18.1±1.3, 35.58N:68.78E, h0km, mb3.7/5, mbtmp3.6/7, ML3.2/2, Ml3.3/1, Error ellipse: s-maj=35.2km s-min=23.0km az=139.0

ISC 13 23:55:23.8±0.9, 35.9N:0.1±68.68E:0.09, h35km, n23, 0±232/26, mb3.7/5, Hindu Kush region

Table of station information for Hindu Kush region, listing Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC.

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like CRJC Correjon, Guaj and ARGC Ariguani, Magd.

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ZALV Zalesovo Beam and MKRAB Makanchi Array.

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like MK31 Makanchi Array and MK31.

MOS 14 01:57:09.9.0.9.23:96Sx179:81E,h527km,mb5.5/34, Error ellipse: s-maj=9.6km s-min=7.5km az=122.1

NEIC 14 01:57:10.8.1.8.23:94S:0:08:179:89E:0:09,h526km,3km, mb5.4/44

NEIC 14 01:57:10.8.23:96S:179:86E,h527km,3km,mb4.7/29, Error ellipse: s-maj=8.5km s-min=7.0km

NEIC 14 01:57:10.8.23:94S:179:89E,h526km, mb5.5/38

GFZ 14 01:57:10.9.0.3.24:3:3x18:0E1, h529km2.5km, M5.7/38, Error ellipse: s-maj=1.7km s-min=1.0km

GFZ 14 01:57:10.9.23:96S:179:81E,h528km,Mw5.6/55, Moment Tensor Solution. Moment tensor: Scale 10^17Nm

GFZ 14 01:57:10.9.23:96S:179:86E,h527km,3km,mb4.7/29, mbtmp5.6/33 Error ellipse: s-maj=8.5km s-min=7.0km

NOU 14 01:57:11.2.23:96S:179:89E,h534km,ML5.6/180, South of Fiji Islands

GCMT 14 01:57:11.0.0.2.24:04S:0:02:179:84E:0:12,h539km1.1km, MW5.7/118, Moment Tensor Solution.

GCMT 14 01:57:11.0.2.24:04S:0:02:179:84E:0:12,h539km1.1km, MW5.7/118, Moment Tensor Solution.

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

NEIC 14 01:57:15.3.23:74S:179:89E,h500km, Moment Tensor Solution. Duration: 3s2 Moment tensor: Scale 10^17Nm

RAO Raoul Island 5.59 160 P P 01 58 45.5 +0.3

RAO Raoul Island 5.59 160 P P 01 58 46.1 +0.9

GLKZ Green Lake 5.60 160 P P 01 58 45.2 -0.1

MSVF Nonsavu 6.46 344 P P 01 58 53.2 -0.4

MSVF Nonsavu 6.46 344 P P 01 58 53.3 -0.3

FUTU Futugotoga 9.80 11 P P 01 59 27.5 +0.7

NIUE Niue 10.63 65 P P 01 59 36.5 +1.1

NIUE Niue 10.63 65 P P 01 59 34.7 -0.8

OUENC Ouen Island, N 12.13 275 P P 01 59 52.3 +1.3

DVP Devils Point 12.61 297 P P 01 59 56.2 +0.2

AFI Afiamalu 12.72 40 P P 01 59 55.5 -1.7

AFI Afiamalu 12.72 40 P P 01 59 53.5 -3.8

GRZ Great Barrier 12.82 196 P P 01 59 59.1 +1.6

WIZ Waipu Carries 12.85 201 P P 01 59 59.5 +1.8

MXZ Matakaoa Point 13.61 185 P P 02 00 05.2 -0.8

WIZ White Island 13.70 189 P P 02 00 04.2 +2.4

HAZ Te Kaha 13.85 187 P P 02 00 06.2 -2.4

URZ Urewera 14.43 189 P P 02 00 13.2 -1.4

NEIC 14 01:13:11.6:2.2.24:4S:0:1x176:61W:0:04,h85km,6km, mb4.5/18, Error ellipse: s-maj=15.7km s-min=5.1km

IDC 14 01:13:11.3:4.0.24:41S:176:64W,h88km,32km, mb3.8/8, mbtmp4.2/10,MS3.2/6, Error ellipse: s-maj=26.7km s-min=22.7km az=113.0

ISC 14 01:13:12.3:0.5.24:44S:0:08:176:6W:0:1,h100km,n69, a=129/60,mb4.4/18,1C, South of Fiji Islands

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like MSVF Nonsavu and URZ Urewera.

NNC 14 01:13:13.9:1.1.42:28N:79:80E,h0km,mb2.7,mpv2.7, Error ellipse: s-maj=7.0km s-min=4.6km az=148.0

SOME 14 01:13:13.9.42:30N:79:77E,h10km

KRNET 14 01:13:16.3:0.1.42:24N:79:70E,h28km,mb2.8

ISC 14 01:13:12.3:2.2.42:28N:0:07:79:91E:0:08,h2km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like SHLS Shalkode and URZ Urewera.

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

GCMT 14 01:57:11.0.0.2.23:96S:179:81E:0:08,h28km1.3km, M5.7/38, Error ellipse: s-maj=1.3km s-min=0.8km

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CLC China Lake, O03E Paines Creek, and many others.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SLVN Son La, I05D Terrebonne, and many others.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BMRM Bremner River, CM31 Chiang Mai Arr, and many others.

14d 1h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MT13 San Alfonso, COLA College, SAND Sanderson, etc.

2020 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKA comp=Z,1.2nm,0.8s,baz=239,slow=7.3,SNR=7.3, YKA comp=Z,0.2nm,0.8s,baz=219,slow=6.7,SNR=5.5, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRLS Boroday, BVAR Borovoy Array, BVAR Borovoy Array, etc.

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=10, SNR=15, SNR=20, SNR=25, SNR=30, SNR=35, SNR=40, SNR=45, SNR=50, SNR=55, SNR=60, SNR=65, SNR=70, SNR=75, SNR=80, SNR=85, SNR=90, SNR=95, SNR=100).

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=10, SNR=15, SNR=20, SNR=25, SNR=30, SNR=35, SNR=40, SNR=45, SNR=50, SNR=55, SNR=60, SNR=65, SNR=70, SNR=75, SNR=80, SNR=85, SNR=90, SNR=95, SNR=100).

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=10, SNR=15, SNR=20, SNR=25, SNR=30, SNR=35, SNR=40, SNR=45, SNR=50, SNR=55, SNR=60, SNR=65, SNR=70, SNR=75, SNR=80, SNR=85, SNR=90, SNR=95, SNR=100).

ATH 14 02:13:27.8, 37.97N, 21.37E, h18km, ML2.7/22, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km
THE 14 02:13:29.0, 38.0N, 07.21E, h0km, M2.6/46, MLH2.6/46, Greece
Code Station Name Δ° AZ° Phase ID Time Res

Table with columns: Station Name, AML, P, S, M, T, R, L, K, G, A, V, G, A, G, G, L, T, K, T, L, T, K, T, E, T, R, L, K, R, L, K, R, P, R, M, D, P, R, M, D, V, I, L, L, V, I, L, L, T, H, L, T, H, L, J, A, N, J, A, N, I, G, T, I, G, T, V, L, J, V, L, J, V, L, T, Y, R, N, T, Y, R, N, V, L, Y, V, L, Y, K, P, R, O, K, P, R, O, K, T, H, R, K, T, H, R, K, Z, N, K, Z, N, N, E, S, T. Includes station names like Thaler, Pylos, Loutraki, Tetrakomo, Lokris, Pramanda, Villia, Klokotos Trika, Janina, Igoumenitsa, Veliai, Tyrnavos, Voula, Athens, Kipourio, Kythira, Kozani, Nestorio.

SJA 14 02:21:39.3,0.7,30.84S;69.12W,h114km,2km,ML3.7, MW3.7
NEIC 14 02:21:39.9,2.6,30.89S;0.05,69.15W,0.07,h114km,7km, mb4-w/4, Error ellipse: s-maj=9.9km s-min=5.0km az=60.0
IDC 14 02:21:40.6,2.6,30.73S;68.89W,h114km,26km,9.3 mblmp3.5/2, Error ellipse: s-maj=59.7km s-min=40.7km az=102.0

ISC 14 02:21:39.3,0.8,30.82S;0.03,69.13W,0.03,h121km,6km, n73, r1939/114, Chile-Argentina border region

Table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DOCA, ACCO, RTLL, ZON, SJA, RTLS, CFA, CO01, CO02, CO03, CO04, CO05, CO06, ACAN, AC05, AC05, AC05, VCA, VCA, LCO, LCO, AAGR, AAGR, VA03, VA03, VA03, AACL, AACL, PEL, PEL, PEL.

Table with columns: Station Name, S, P, M, T, R, L, K, G, A, V, G, A, G, L, T, K, T, L, T, K, T, E, T, R, L, K, R, P, R, M, D, V, I, L, L, T, H, L, T, H, J, A, N, J, A, N, I, G, T, V, L, J, V, L, J, V, L, T, Y, R, N, T, Y, R, N, V, L, Y, K, P, R, O, K, P, R, O, K, T, H, R, K, Z, N, N, E, S, T. Includes stations like Vizcacheras, Ro Olivares, Bocatoema, Bocatoema Ro CCHEN, Renca, Universidad Ad, Curacav, Curacav, Torpederas, Tinogasta, Alfonso, Llanos de Chal, MIRA, Talagante, La Punta, Popeta, Popeta, Choya, Mariuaga, Sierra Bellavi, Pan de Azucar, Pan de Azucar, IPOC Station P, IPOC Station P, IPOC Station P, Chumizma, Villa Florida, La Paz, La Paz, PTLB, RUSC, Santa Helena, Zalesovo Beam, RSNC 14 02:28:29.9,0.0,10.2N;2.7,3W, h14km,3km, M1.7, ML1.6, Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table with columns: Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CRUC, ARGC, ARGC, URIC, OCAC, OCAC, SJJCC, SJJCC, BER 14 02:36:02.8,1.2,72.42N;0.56E,h10km,Mw3.7, Confirmed Earthquake, Norwegian Sea, Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table with columns: Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LOF, TRO, STEI, SPA0, JETT, FAUS, VAGH, KONS, STOK, LAUR, LEIR, IDC 14 02:45:42.3,1.1,4.52S;152.87E,h0km,mb3.7/5, mblmp3.7/5,MS3.0/1, Error ellipse: s-maj=27.1km s-min=16.7km az=11.0, ISC 14 02:45:50.0,1.0,4.3S;0.2,152.4E;0.2,h58km,n8,r0578/7, mb3.6/5, New Britain region, Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table with columns: Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, CTA, WRA, ASAR, Vnda, ILAR, NVAR, TORD, Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

0.5mm,0.8s,baz=81,slow=0.3,SNR=1.5

UPA 14 02:58:40.9,1.0,8.92N;82.81W,h17km,1km,MW3.6, Fault plane solution: N1P0,0.00000,882.00000, 7,169.00000, Presumed earthquake
CATIC 14 02:58:40.3,0.3,9.2N;8.3W,h7km,2km,M3.4/9, MLV3.4/9, Error ellipse: s-maj=5.5km s-min=4.3km az=49.9, 44/nfired
UCR 14 02:58:40.3,1.2,8.92N;82.85W,h23km,3km,MW3.7, Presumed earthquake
ISC 14 02:58:40.3,0.9,8.93N;0.02,82.86W;0.02,h27km,4km, n84,r0587/123,12C-1D, Panama-Costa Rica border region

Table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cotoan, Santa Clara, W, Santa Clara, W, Monte Lirio, C, San Vito, San Vito, Volcan, Volcan, Ciudad Neily, Ciudad Neily, Cordillera, Cordillera, Canoas, Canoas, Gofitio, Boquete Panama, Boquete Panama, Potrerillos Ar, Los Naranjos, Alto Boquete, Alto Boquete, Fila Muka, Durika, Durika, Durika, Bagala, Paja de Sombre, Paja de Sombre, Puerto Jimenez, Puerto Jimenez, Puerto Jimenez, Empalme, Bo, David, Bijagual, Pana, Bijagual, Pana, Gualaca, Chiri, Cerro Uatsi, L, Bur, Carate, Puerto, Carate, Puerto, Carate, Puerto, Aguacate, Petroterminal, Petro Terminal, Pejibaye, Pre, Chiriqui UPA, San Jernimo, Limones, El Progreso Va, Perez Zaledon, Kakint, Kakint, Veragua Rainfo, Cerro El Cedra, Juan Vinas, San Isidro, Tu, VTCV, Cayapas, San Marcos de, Lacarres (San, Villa Bonita, Quepos, Tajo, La Lucha 2, La Lucha 2, Turrialba Volc, Volcan Turrial, Volcan Turrial, San Pablo, Volcano Irazu, Earth Gupies, Ph. Pirrs, Acosta, Guapiles, Heredia, Heredia, Cariari, Cariari, Bele, Tacares, Lacarres, Atenas, Tortugero, Coope Vega, Sa, Las Juntas de, Las Juntas de, Tandag City, Bislig, Cateel, Davao, Musuan, Musuan.

Table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TSSP, BISP, BIFH, CDOP, BUKP, BUKP.

14d 3h

Table with columns: Code, Station Name, Az, AZ3, Phase ID, Time, Res, and various station details like CGP, PALO, LPU, etc.

IDC 14 03:15:25.0,0.5,28.09S:64.65W,h0km,mb4.4/10, mbmp4.2/17,ML4.1/7,MS3.7/16 Error ellipse: s-maj=14.4km s-min=9.2km az=126.0

VAO 14 03:15:27.5,0.3,28.19S:64.61W,h10km,mb4.6, Presumed earthquake

SJA 14 03:15:28.1,0.2,28.18S:64.74W,h28km,ML4.9, MV4.8

NEIC 14 03:15:29.8,1.7,28.14S:0.06:64.57W:0.07,h29km,mb4.4km, mb4.8/109,Error ellipse: s-maj=9.5km s-min=9.3km

GFZ 14 03:15:29.1,0.2,28.2S:2*6'4W:1, h10km,MA/9.21, mb5.2/21

ISC 14 03:15:29.7,0.3,28.06S:0.04:64.60W:0.05,h35km,m249, c2504/224,mb4.7/57,MS3.7/11,3C,Santiago del Estero

Main table of station data with columns: Code, Station Name, Az, AZ3, Phase ID, Time, Res, and various station details.

2020 DEC

Main table of station data for 2020 DEC with columns: Code, Station Name, Az, AZ3, Phase ID, Time, Res, and various station details.

656

Main table of station data for 656 with columns: Code, Station Name, Az, AZ3, Phase ID, Time, Res, and various station details.

Table with columns: ULM, Lac du Bonnet, 82.76 340 P, P, 03 27 49.1 -0.5, etc. Lists various station observations with codes and times.

RSPR 14 03:19:10.7, 18.49N:68.98W, h175km, 1km, MD3.9/10
NEIC 14 03:19:10.0, 1.8, 18.4N:0.2:68.93W:0.06, h173km, 9km,
ML3.3/41, MD3.9/10(RSPR), Error ellipse: s-maj=28.9km
s-min=7.2km az=187.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists station data for various locations like Isla Saona, Higüey Centro, Punta Cana, DR, Santo Domingo, Samana, DR, etc.

Table with columns: OBIP, Obispado Ponce, 2.26 98 Pn, Pn, 03 19 42.9 +1.0, etc. Lists station observations for Obispado Ponce and other locations.

TRN 14 03:31:03.1, 15.91N:61.66W, h146km, MD3.8, Near South of Basse-Terre, Guadeloupe, Leeward Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists station data for locations like Barre de l'île, Broadband at M, Wesley, Salisbury, etc.

Table with columns: JIDR, Jimani, 0.73 284f ePg, Pn, 03 27 20.3 +0.1, etc. Lists station observations for Jimani and other locations.

ISN 14 04:01:08.0, 3.7, 33.65N:45.52E, h9km, 3km, ML2.5, Presumed earthquake
TEH 14 04:01:09.1, 0.9, 33.63N:0.04:45.48E:0.04, h13km, n12, 0.66f/16, Iran-Iraq border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists station data for locations like Ilam Banvizeh, Badra, Baghdad, Ghaleghazi, etc.

ASRS 14 04:01:25.0, 1.1, 51.59N:82.24E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists station data for locations like Kurbb, Kurchatov Arra, Zalesovo Beam, etc.

IDC 14 04:09:43.0, 1.2, 55.93N:163.70E, h0km, mb3.7/12, mbmp3.8/12, MS3.8/1, Error ellipse: s-maj=35.3km

MOS 14 04:09:44.2, 0.9, 55.92N:163.97E, h15km, mb4.3/4, Error ellipse: s-maj=9.0km s-min=6.8km az=68.4

NEIC 14 04:09:45.6, 1.0, 56.0N:0.2:163.6E:0.2, h10km, 1km, mb4.3/4.0, Error ellipse: s-maj=28.2km s-min=12.3km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists station data for locations like Krutoberegovo, Bering, Semkarok, etc.

Table of astronomical observations for the 14d 4h period, listing objects like DZM, KOUNC, URZ, MRZ, QZ, etc., with associated coordinates and magnitudes.

Table of astronomical observations for the 2020 DEC period, listing objects like MBWA, MEEK, KLBR, EDIF, MORW, etc., with associated coordinates and magnitudes.

Table of astronomical observations for the 660 period, listing objects like NEW, RND, MCK, IPM, Q20A, DLBC, BCAR, PDAR, etc., with associated coordinates and magnitudes.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNTRE, PDRR, OJC, DMBR, CIDRE, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORO, OMAN, RBK, WHFO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSARD, PMRV, CASTELO BRANCO, etc.

SNET 14 05:36:38.2, 2.2, 12.125N, 87.85W, h30km, ML4.0, Presumed earthquake

CATAC 14 05:36:38.2, 0.2, 12.125N, 87.85W, h38km, 4km, M4.1/5.5, ML4.1/5.5, Error ellipse: s-maj=3.9km s-min=1.3km az=29.4, confirmed

ISC 14 05:36:37.2, 1.2, 12.45N, 0.04, 87.96W, 0.03, h27km, ±13km, n66, c05919/12, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists various seismic stations and their recorded data.

IDC 14 05:38:30.9, 13.0, 40.57S, 94.27W, h0km, mb4.0/4, mbmtpp0.4/0.4, MS3.6/13, Error ellipse: s-maj=357.4km s-min=48.6km az=179.0, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations for the event southeast of Easter Island.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations for the event near the coast of Nicaragua.

TRN 14 05:49:12.7, 1.1, 21.20N, 60.86W, h32km, MD3.7, West of Tobago

FUNV 14 05:49:15.1, 1.1, 21.72N, 61.09W, h35km, MW3.9, Presumed earthquake

ISC 14 05:49:14.0, 1.6, 11.25N, 0.04, 61.0W, 0.1, h35km, n20, c1919/34, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations for the event in the Windward Islands.

IDC 14 05:55:49.6, 294.0, 62.62N, 43.96E, h0km, Error ellipse: s-maj=139.5km s-min=103.5km az=31.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations for the event in the Baltic region.

IDC 14 05:59:45.2, 1.0, 42.91N, 86.86E, h0km, mb3.8/6, mbmtpp3.7/11, ML3.0/5, MS3.2/1, Error ellipse: s-maj=21.1km s-min=10.3km az=39.0

SOME 14 05:59:49.7, 43.37N, 87.32E, h10km, NNC 14 05:59:51.3, 2.6, 43.63N, 87.44E, h3km, 9km, mb4.1, mpv4.0, Error ellipse: s-maj=18.2km s-min=12.6km az=122.0

ISC 14 05:59:49.2, 0.8, 43.32N, 0.06, 87.25E, 0.04, h18km, n31, c1859/42, mb3.7/7.5, C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations for the event in Northern Xinjiang.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations for the event near the coast of Nicaragua.

Songino Array 14.14 65 Pn

2.1nm, 0.3s, baz=164, slow=24, SNR=1.7

0.1nm, 0.3s, baz=246, slow=11, SNR=2.7

0.1nm, 0.3s, baz=240, slow=31, SNR=6.9

0.1nm, 0.3s, baz=115, slow=12, SNR=6.5

1.2nm, 0.4s, baz=135, slow=4.2, SNR=4.3

2.0nm, 0.5s, baz=170, slow=11, SNR=3.8

1.0nm, 0.5s, baz=315, slow=9.8, SNR=1.4

0.5nm, 1.0s, baz=354, slow=6.4, SNR=1.1

0.6nm, 0.8s, baz=337, slow=5.2, SNR=5.4

0.5nm, 0.8s, baz=335, slow=5.4, SNR=5.7

NOU 14 06:20:59.4, 22.30S, 179.57W, h568km, mb5.0/38, South of Fiji Islands

NEIC 14 06:21:00.4, 1.2, 22.3S, 0.1, 179.6W, 0.1, h574km, 8km, mb4.1/15, mbmtpp0.19, Error ellipse: s-maj=17.3km s-min=9.0km az=137.0

GFZ 14 06:21:00.3, 0.4, 22.3S, 0.1, 179.6W, 0.1, h574km, 7km, M4.9/24, mb5.1/24

ISC 14 06:21:00.1, 0.5, 22.32S, 0.06, 179.55W, 0.06, h576km, 5km, h577km, p-P, n374, c1920/348, mb4.8/127, 10C-6D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations for the event south of Fiji Islands.

Table with columns: KHZ, Name, Frequency, Mode, Power, SNR, etc. Includes stations like Kahutara, Greta Valley S, Lake Taylor, etc.

Table with columns: JAY, Name, Frequency, Mode, Power, SNR, etc. Includes stations like Jayapura, Kakadu, Warakurna, etc.

Table with columns: Name, Frequency, Mode, Power, SNR, etc. Includes stations like ADK, ATKA, MDSI, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes events like 'White River Ci', 'Snow King Moun', 'M30M M30M', etc.

JSN 14 06:52:36.6:0.3, 18.120N:76.99W, h16km, 5km, MD2.4, Confirmed Earthquake

SSNC 14 06:52:41.9:0.5, 18.56N:76.92W, h10km, 5km, MD2.8, MLO.9 Presumed earthquake

ISC 14 06:52:33.3:1.5, 18.35N:0.04:76.94W:0.05, h15km±13km, n7.0±82/14, 2C-3D, Jamaica region

Table of seismic events for Jamaica region with columns for station name, time, magnitude, and location. Includes events like 'Stony Hill', 'Greenwich', 'Coleyville', etc.

TRN 14 06:59:00.0, 10.73N:62.59W, h102km, MD3.7, Paria peninsula

FUNV 14 06:59:26.3, 10.87N:62.55W, h22km, MW3.6, Presumed earthquake

ISC 14 06:59:22.4:2.2, 10.68N:0.09:62.48W:0.10, h129km±25km, n16.0±159/28, 1D, Near coast of Venezuela

Table of seismic events for Venezuela region with columns for station name, time, magnitude, and location. Includes events like 'Guralp CMG5TDE', 'Kent House, Po', 'Trinidad (W)', etc.

Table of seismic events for Eastern New Guinea region with columns for station name, time, magnitude, and location. Includes events like 'Turiamo', 'Macapo', 'SOME 14 07:06:08.8, 42.73N:72.90E, h5km', etc.

IDC 14 07:18:27.7:5.0, 6.05S:147.44E, h0km, mb3.6/2, mbtmp3.6/4, ML1.21, Error ellipse: s-maj=83.7km s-min=40.6km az=72.0, Eastern New Guinea region

Table of seismic events for Eastern New Guinea region with columns for station name, time, magnitude, and location. Includes events like 'Port Moresby', 'Warramunga Arr', 'Alice Springs', etc.

IDC 14 07:19:15.7:1.8, 49.79N:81.83E, h0km, mbtmp2.3/1, ML1.3/1, Error ellipse: s-maj=19.4km s-min=13.0km az=68.0, Eastern Kazakhstan

Table of seismic events for Eastern Kazakhstan region with columns for station name, time, magnitude, and location. Includes events like 'Kurchatov Arra', 'Makanchi Arra', 'ZALV Zalesovo INFRA', etc.

NNC 14 07:22:12.0:4.1, 43.89N:75.56E, h0km, mb3.0, mpv2.5, Error ellipse: s-maj=66.5km s-min=16.1km az=166.0, Suspected Mining explosion

SOME 14 07:22:16.9, 42.42N:81.05E, h5km, Northern Xinjiang

Table of seismic events for Northern Xinjiang region with columns for station name, time, magnitude, and location. Includes events like 'Shalkode', 'Uzymbulak', 'KPKS Kokpek', etc.

NEIC 14 07:30:16.9:1.6, 81.85S:0.06:169.16E:0.07, h190km±6km, mb4.4/31, Error ellipse: s-maj=10.2km s-min=8.3km az=116.0

NOU 14 07:30:18.4, 18.93S:169.06E, h186km, MLV4.8/25, Vanuatu Islands

IDC 14 07:30:18.3:1.7, 18.87S:169.00E, h207km±15km, mb3.7/14, mbtmp4.3/16, MS2.7/1, Error ellipse: s-maj=15.1km s-min=13.3km az=58.0

ISC 14 07:30:17.6:0.4, 18.88S:0.04:169.08E:0.07, h200km, n148.0±190/140, mb4.4/33, 3D, Vanuatu Islands

Table of seismic events for Vanuatu Islands region with columns for station name, time, magnitude, and location. Includes events like 'Isangel', 'Rentalpa', 'DVP', etc.

Table of seismic events for Vanuatu Islands region with columns for station name, time, magnitude, and location. Includes events like 'Port Kaituma', 'Koumac', 'Noumea', etc.

CTAO 14 07:52:40.8, 17.52N:152.21E, h21.93 km, mb3.8/2, mbtmp3.8/2, ML1.21, Error ellipse: s-maj=19.4km s-min=13.0km az=68.0, Eastern Kazakhstan

Table of seismic events for Eastern Kazakhstan region with columns for station name, time, magnitude, and location. Includes events like 'Warramunga Arr', 'Alice Springs', 'WRA', etc.

ASAR 14 07:52:33.3:1.5, 18.35N:0.04:76.94W:0.05, h15km±13km, n7.0±82/14, 2C-3D, Jamaica region

Table of seismic events for Eastern Kazakhstan region with columns for station name, time, magnitude, and location. Includes events like 'Alice Springs', 'Manton Dam', 'Kununurra', etc.

JTM 14 07:52:36.6:0.3, 18.120N:76.99W, h16km, 5km, MD2.4, Confirmed Earthquake

SSNC 14 06:52:41.9:0.5, 18.56N:76.92W, h10km, 5km, MD2.8, MLO.9 Presumed earthquake

ISC 14 06:52:33.3:1.5, 18.35N:0.04:76.94W:0.05, h15km±13km, n7.0±82/14, 2C-3D, Jamaica region

Table of seismic events for Eastern Kazakhstan region with columns for station name, time, magnitude, and location. Includes events like 'South Pole Uta', 'Ussuriysk Ar', 'Uzymbulak', etc.

HHC 14 07:30:16.9:1.6, 81.85S:0.06:169.16E:0.07, h190km±6km, mb4.4/31, Error ellipse: s-maj=10.2km s-min=8.3km az=116.0

NOU 14 07:30:18.4, 18.93S:169.06E, h186km, MLV4.8/25, Vanuatu Islands

IDC 14 07:30:18.3:1.7, 18.87S:169.00E, h207km±15km, mb3.7/14, mbtmp4.3/16, MS2.7/1, Error ellipse: s-maj=15.1km s-min=13.3km az=58.0

ISC 14 07:30:17.6:0.4, 18.88S:0.04:169.08E:0.07, h200km, n148.0±190/140, mb4.4/33, 3D, Vanuatu Islands

Table of seismic events for Vanuatu Islands region with columns for station name, time, magnitude, and location. Includes events like 'Isangel', 'Rentalpa', 'DVP', etc.

Table with columns: ILAR, Eielson Array, 89.93 17 P, 07 42 51.6 -2.0, etc. Includes stations like Eielson Array, Neumayer Olym, Beaver Creek, etc.

IDC 14 08:02:18.3:8.1, 3.04S, 103.26W, h0km, mb3.2/5, mblmp3.9/14, ML3.4/2, Error ellipse: s-maj=22.0, 1km s-min=136.1km az=112.0, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Lajitas Array, Juan Fernandez, San Ignacio, etc.

IDC 14 08:07:04.9:1.2, 19.42N, 145.49E, h0km, mb3.6/4, mblmp3.6/4, Error ellipse: s-maj=61.7km s-min=27.5km az=106.0

NEIC 14 08:07:17.2:0.7, 19.74N, 07.145E, 0.2, h105km, 6km, mb4.0/14, Error ellipse: s-maj=23.0km s-min=9.9km az=95.0

IDC 14 08:07:16.4:0.6, 19.65N, 07.145E, 0.2, h100km, n31, r1539/29, mb3.8/8, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Saipan, Chichijima, Mitsu, Sagara, Kunigami, etc.

Table with columns: INKA, Innaminka, 47.31 185 P, 08 15 41.0 +1.0, etc. Includes stations like KURK, Kurchatov, Kurbatov, etc.

IDC 14 08:11:29.2:1.3, 53.47N, 165.91W, h0km, mb4.0/12, mblmp3.9/14, ML3.4/2, MS3.1/2, Error ellipse: s-maj=32.0km s-min=18.9km az=176.0

NEIC 14 08:11:35.9:1.5, 53.45N, 07.05:165.39W, 0.03, h35km, 2km, mb3.9/34, ML3.7/22, ML3.6(AEIC), Error ellipse: s-maj=8.1km s-min=3.4km az=6.0

AEIC 14 08:11:35.9:1.5, 53.47N, 07.05:165.37W, 0.02, h26km, 5km, Error ellipse: s-maj=6.8km s-min=1.6km az=187.0

ISC 14 08:11:34.9:1.4, 53.46N, 07.06:165.36W, 0.03, h34km, 9km, n117, r182/117, mb4.0/21, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Akutan Harbor, Akutan, Akutan Broad, etc.

IDC 14 08:12:30.9:1.1, 4.10S, 101.91E, h0km, mb4.0/12, mblmp4.0/12, MS2.9/3, Error ellipse: s-maj=45.6km s-min=15.5km az=66.0

DJA 14 08:12:35.1:1.5, 4.56S, 102.2E, h10km, 8km, mb6.0/1, mb4.1/1, MLv4.1/20, Mw(m)5.6/1

NEIC 14 08:12:38.2:1.4, 3.95S, 07.102E, 0.1, h53km, 8km, mb4.5/12, Error ellipse: s-maj=23.9km s-min=7.1km az=46.0

ISC 14 08:12:37.0:0.7, 4.15S, 08.08:101.9E, 0.1, h58km, n57, r1943/47, mb4.2/17, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like University, Be, Kapahiang, Maura Aman, etc.

Table with columns: H31M, H31C, E29M, G31M, INK, etc. Includes stations like H31M, H31C, E29M, G31M, INK, etc.

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

MOS 14 08:18:07.9, 0.8, 4.4, 20N:145.63E, h150km, mb4.0/1, Error ellipse: s-maj=13.1km s-min=12.1km az=110.3

SKHL 14 08:18:08.4, 0.3, 4.4, 20N:145.80E, h146km, 3km, mb5.1/4, msh5.6/5

IDC 14 08:18:09.8, 1.4, 4.4, 27N:145.56E, h148km, 11km, mb3.5/15, mbtmp3.9/21, Error ellipse: s-maj=15.0km s-min=13.8km az=116.0

JMA 14 08:18:09.1, 0.2, 4.4, N14.1, 146.6E, h143km, 1km, MV3.4/34, NEAR KUNASHIRI ISLAND

ISC 14 08:18:09.0, 0.6, 4.4, 20N:05:145.66E:0.04, h142km, 5km, n55, e077/72, mb3.9/15, 2D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Yuzh-Kuril'sk, Misakicho, Rausu, Nemuroshibetsu, etc.

Table with columns: JKK2, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kamikawa-asahi, Asahikawa, Kurchatov, etc.

WRA Warrumunga Arr 64.67 192 P P 08 28 31.8 +0.4

NVAR Mina Array Bea 68.25 57 P P 08 28 55.4 +0.9

ASAR Alice Springs 68.39 192 P P 08 28 55.4 +0.4

KBZ Khabaz 66.69 311 P P 08 28 57.7 +0.9

HFS Hagfors 68.85 336 P P 08 28 56.2 -1.3

PDAR Pinedale Array 70.44 49 P P 08 29 08.6 +0.8

TXAR Lajitas Array 83.29 55 P P 08 30 20.5 +0.7

IDC 14 08:22:14.2, 0.5, 17.55S:173.02W, h0km, mb4.6/17, mbtmp4.6/20, ML4.1/3, M4.3/4, Error ellipse: s-maj=15.4km s-min=12.9km az=157.0

NEIC 14 08:22:15.8, 1.2, 17.2S:0.1:173.01W:0.10, h10km, 1km, mb4.9/57, Error ellipse: s-maj=21.2km s-min=12.6km az=145.0

GFZ 14 08:22:16.2, 0.2, 17.54S:173.37W, h10km, M4.9/28, mb4.9/28, confirmed

GCMT 14 08:22:19.8, 0.2, 17.82S:0.02:172.57W:0.02, h22km, MW5.0/96, Moment Tensor Solution. s43,c59; s96,c144; Duration: 0 Moment tensor: Scale 1019Nm; M1:3.46t; 18; M2:0.14t; 12; M3:0.32t; 12; M4:0.42t; 21; M5:0.75t; 08; M6:2.77t; 18; Best double couple: M4:46100:1015 N1:0.155:0.0000:0.320:0.0000:0.68:0.0000: - NP2: s0.00000:0.85:0.00000:1.101:0.00000 - Principal axes: T 4.5380, Plg68.0000, Azm229.0000: N -0.1490, Plg10.0000: Azm175.0000: P -4.3840, Plg19.0000: Azm82.0000: nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUI 14 08:22:21.0, 17.10S:172.40W, h85km, mb5.4/2, mb5.0/14

ISC 14 08:22:15.3, 0.3, 17.26S:0.06:172.94W:0.06, h10km, n275, e1980/232, mb4.9/74, MS4.4/49, 11C-2D, Tonga

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

Table with columns: DZM, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Great Barrier, Waipuu Carriers, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like DAV, CASY, MJAR, JAGI, SAO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like RYSD, LSSN, LYNN, IPM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like OBKA, MYKA, ABTA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, ASAR Alice Springs, etc.

Table with columns: RND, Reindeer, 15.28 40 P, Iamb, Iamb, 09 05 14.9 -0.5, 09 05 20.9. Includes entries like IMAR Indian Mountain, MCK McKinley, EYAK Cordova Ski Arr, etc.

Table with columns: SCHQ Schefferville, 55.39 43 P, P, 09 11 01.0 -0.8, 09 11 01.0 -0.8. Includes entries like LZH Lanzhou, KURK Kurchatov, KURK Kurchatov, etc.

NEIC 14 09:01:50.8±1.3, 53.07N±0.09, 170.71W±0.10, h229km, 5km, mb4.5/65, ML4.3/24, ML4.1(AEIC), Error ellipse: s-maj=13.8km s-min=7.7km az=159.0

AEIC 14 09:01:52.5±2.1, 53.33N±0.08, 170.87W±0.09, h121km, 4km, Error ellipse: s-maj=12.8km s-min=7.4km az=160.0

IDC 14 09:01:53.2±0.7, 53.60N±1.17, 107W, h227km, 5km, mb3.5/25, mbtmp4.1/26, Error ellipse: s-maj=14.6km s-min=9.4km az=175.0

ISC 14 09:01:51.0±0.5, 53.27N±0.07, 170.83W±0.04, h222km, 4km, n182, c±113/195, mb4.0/35, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like CLES Cleveland East, CLCO Concord Point, OKWE Okmok W'ng Wal, etc.

Table with columns: RND, Reindeer, 16.10 51 P, Iamb, Iamb, 09 05 24.3 -0.2, 09 05 26.5. Includes entries like BMRM Bremner River, PAX Paxson, COLA College, etc.

Table with columns: SCHQ Schefferville, 55.39 43 P, P, 09 11 01.0 -0.8, 09 11 01.0 -0.8. Includes entries like AB31 Akbulak array, ABKAR Akbulak array, ABKAR Karatay Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like AKRB Akutan Reef N, LVA Lava Point, ZRO Akutan Zero, etc.

Table with columns: RND, Reindeer, 17.77 53 Iamb, Iamb, 09 05 55.2, 09 05 55.2. Includes entries like LOGN Logan Glacier, E23K Chandalar, B24K Beaver Creek, etc.

Table with columns: SCHQ Schefferville, 55.39 43 P, P, 09 11 01.0 -0.8, 09 11 01.0 -0.8. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like SPIA Saint Paul Isl, KIRH Kanaga Island, KIRW Kanaga Island, etc.

Table with columns: RND, Reindeer, 20.64 34 P, Iamb, Iamb, 09 06 16.4 +1.3, 09 06 16.4. Includes entries like F31M Tsigeitich, F31M Tsigeitich, INK Inuvik, etc.

Table with columns: SCHQ Schefferville, 55.39 43 P, P, 09 11 01.0 -0.8, 09 11 01.0 -0.8. Includes entries like I26DE FREYUNG INFRAS, I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, etc.

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Lake Taylor, Charters Tower, CTAO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Chengdu, Palmer Station, Lanzhou, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like FEO, Feodosiya, GUYR, etc.

14d 10h

Table with columns for station names (e.g., TIRR Soroca, TESR Tescani), magnitudes, and various codes.

NAO 14 10:49:07.5, 37:47N-23:72E, h10km, MB3.7
TIR 14 10:49:26.8, 39:27N-21:50E, h4km, 2km, ML4.0, M4.0, Presumed earthquake
PDG 14 10:49:26.9, 39:30N-21:55E, h8km, ML4.0/11, Error ellipse: s-maj=0.4km s-min=0.6km az=0.0
ATH 14 10:49:26.8, 39:27N-21:53E, h14km, Mw4.0, Moment Tensor Solution. s11 Moment tensor: Mrr=4.42; Mss=3.75; Mss=0.68; Mss=7.94; Mss=2.42; Mss=6.22; Fault plane solution: NP1=288.000000, delta13.000000, lambda=109.000000, NP2=127.000000, delta78.000000, lambda=86.000000
THE 14 10:49:27.1, 39:30N-0:5:21.6E, 0.7, h0km, 1km, M3.8/87, M3.8, 8/87
NEIC 14 10:49:28.8, 39:35N-0:05:21.6E, 0.05, h10km, 1km, mb4.5/9, Error ellipse: s-maj=8.4km s-min=6.5km az=189.0
GFZ 14 10:49:29.8, 0:2:39 N, 2:2:22 E, h10km, M4.4/11, mb4.4/11
IDC 14 10:49:30.2, 2:4:39:32N, 21:59E, h29km, 18km, mb3.9/17, mbmp4.0/27, ML3.8/8, MS3.5/8, Error ellipse: s-maj=9.8km s-min=9.4km az=174.0
ISC 14 10:49:27.7, 0.9, 39:28N, 0:01:21:55E, 0:01, h9km, 6km, n342, s133/421, mb4.1/20, MS3.7/4, 19C-16D, Greece

Main table with columns: Code, Station Name, Delta, Azimuth, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like TETR Tetrakomo, Epi, TRKA Trikala, etc.

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Main table with columns: S, Sn, Magnitude, Station Name, P, Pg, Pn, S, Sn, Magnitude, Station Name, P, Pg, Pn. Lists stations like NYDR Nydri-Lefkada, NYDR Plevrona-Mesol, etc.

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Main table with columns: AMT, Station Name, Magnitude, P, Pg, Pn, AMT, Station Name, Magnitude, P, Pg, Pn. Lists stations like PAIG Paliouri, PAIG Paliouri, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like Unac-Piva, Belogradchik, Castrocuoco, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like DAVOX, TUE, AKASG, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like ILGA, BOLU, etc.

SOME 14 10:58:30.39; 15N-76.12E, h5km
KRNET 14 10:58:31.7; 0.1, 39.11N; 76.05E; mb3.7
N1C 14 10:58:33.5; 1.4, 39.22N; 76.08E; h2km, 7km, mb3.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like SFK, NRN, SALK, etc.

14d 13h

Table with columns: STEP, Code, Station Name, Δ°, AZZ, Phase ID, ISC, Time, Res. Includes stations like BALIKESIR_Sava, Ancient Thera, Dalyan (Mula), Demirci, Balya, Balkesir-Mer.

AFAD 14 12:35:54.8, 37:69N:27.06E, h12km, 1km, ML2.3
THE 14 12:35:55.3, 38°N:27°E, h3km, 2km, M2.6, MLh2.6/6
ISK 14 12:35:55.2, 37:67N:27.07E, h3km, ML2.3/2.3

Main table for 14d 13h containing station data for Turkey and other regions. Columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, Time, Res. Includes stations like GZzelcami?, Samos, Kusanadi-Aydin, Aydin, Didim, zmir, Gumuldur, Masoluk, Bodrum, Balcovca, Milas, Izmir, Balabanli, Nazilli, Esenky, Datca, Chios island, Yazyky, Merkez, Karab, Mugla, Yerkesik, Kiraz, Golmarmara-Man, ZED, Salihli, Turunc, Apeiranthos, Dikili, Gordes-Manisa, Kula-Manisa, Soma-Manisa.

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Main table for 2020 DEC containing station data for various regions. Columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, Time, Res. Includes stations like Dalyan (Mula), Nonsavu, Alice Springs, Warramunga Arr, Mina Array Bay, Lajitas Array, Eielson Array, ARCESS Array B, Malin Array Bay, Keskin Array B, GERESS Array B, Sukabumi, Cibinong, Citeko, Bungbulang, Lembang, Karang Pucung, Mandrau, Prapat, Nakatusu, Makanchi Array, Borovoye Array, Karatay Array, Kevo, ARCESS Array S, ARCES ARCESS Array B, Raja-Joseppi, Kautokeino, Hetta, Varrio, Keravat, Port Moresby, Warramunga Arr, Alice Springs, Eielson Array, ILAR.

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Main table for 674 containing station data for various regions. Columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, Time, Res. Includes stations like Barranco-do-ve, Barranco-Do-Ve, Vaqueiros, El Granado, Castro Verde, Marletele, Espera, Messejana, Minas do Louisa, IPOC Station P, Karatay Array, Kevo, ARCESS Array S, Raja-Joseppi, Kautokeino, Hetta, Varrio, Keravat, Port Moresby, Warramunga Arr, Alice Springs, Eielson Array, ILAR, Diego Aracena, Chusmiza.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like G001 Chuzmia, PB11 IPOC Station P, AC02 Maricunga, etc.

IDC 14 13:46:58.6:1.8,36:00N:141.03E,h0km,mb3.5/5, mbtmp3.5/7,ML2.8/2,MS4.0/2,Error ellipse: s-maj=39.3km s-min=16.6km az=76.0

NEIC 14 13:47:06.6:1.0,35:85N:0.06:140.5E:0.1,h43km,7km, mb4.7/7,Error ellipse: s-maj=16.1km s-min=4.8km az=64.0

JMA 14 13:47:09.7:0.2,35:80N:0.4:140.1E:0.6,h69km,1km, MV3.1/39,NORTHERN CHIBA PREF

ISC 14 13:47:09.7:0.8,35:73N:0.04:140.0E:0.4,h76km,6km, n44,c111/46,mb3.8/8,Near east coast of eastern Honshu

Main table of station data for the first section, including codes like JSMT, JCCN, JIHU, etc., and station names like Sammushio, Chibachonon, Itakohorinouch, etc.

IDC 14 13:55:42.2:2.2,44S:179.54W,h487km,21km,mb3.4/4, mbtmp4.4/8,Error ellipse: s-maj=34.5km s-min=20.7km az=130.0

NEIC 14 13:55:43.1:1.2,24.3S:0.1:179.23W:0.10,h522km,9km, mb4.6/32,Error ellipse: s-maj=19.3km s-min=9.4km az=150.0

GFZ 14 13:55:44.0:0.5,24.4S:18.0W:1.1,h508km,7km,M4.2/14, mb4.2/14,Error ellipse: s-maj=13.7km s-min=8.6km az=82.6,confirmed

ISC 14 13:55:42.1:0.5,24.22S:0.06:179.37W:0.09,h500km, n106,c155/111,mb4.3/30,South of Fiji Islands

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

Main table of station data for the second section, including codes like AFI Afiamalu, GRZZ Great Barrier, MXZ Matakaao Point, etc.

Main table of station data for the third section, including codes like LZH, HFS, AK03, etc., and station names like Matakaao Point, Waiomatatini S, etc.

Table with station codes (RTZ, BKZ, TSZ, SFZ, MRZ), station names (Ruatahuna, Black Stump Fm, Takapari Road, Birch Farm, Mangatainoka R), coordinates, and other parameters.

SRNET 14 14:45:39.0,0.1,40.49N:70.71E,h21km,mb2.9
SOME 14 14:45:40.3,40.58N:70.87E,h5km
ISU 14 14:45:44.9,4.2,40.74N:70.93E,h0km,mb3.5,mpv3.0,
Error ellipse: s-maj=31.6km s-min=11.5km az=12.0

Main table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC. Lists various stations and their associated data.

UCR 14 15:19:44.2,2.2,27.80S:65.51W,h5km,999km,
MB6.0(NEIC), Presumed earthquake
VAO 14 15:20:46.9,0.2,21.71S:68.40W,h90km,mb5.9,
Presumed earthquake

Continuation of the station data table, including stations like UCR, VAO, PTWC, SJA, CATA, GFZ, BJJ, NEIC, ISG, IGP, OSUNB, GUC, GCMT.

Moment Tensor Solution, s168,c382; s168,c549;
Duration: 266 Moment tensor: Scale 10^18Nm;
Mw=0.65±0.1; Mw0.28±0.1; Mw0.37±0.1; Mw=0.02±0.1;
Mw0.76±0.1; Mw1.15±0.1; Best double couple;
Mo1.48800x10^18 Np1:0.255.00000°,δ32.00000°,
λ=29.00000°. NP2:0.11.00000°,δ75.00000°,
λ=119.00000°. Principal axes: T:1.4790,Plg25.0000°,
Azm123.0000°; N:0.0180,Plg28.0000°,Azm19.0000°; P:
-1.4970,Plg51.0000°,Azm248.0000°; nstla refers to

NEIC 14 15:20:57.8,21.81S:68.69W,h110km,mb5.9,999,
Mw=0.58; Mw0.31; Mw0.27; Mw0.15; Mw0.69; Mw=0.95;
Fault plane solution: Mo1.29000x10^18 Np1:
0.257.06000°,δ37.40000°,λ=27.39000°. NP2:
0.257.06000°,δ37.40000°,λ=27.39000°. NP1:
0.257.06000°,δ37.40000°,λ=27.39000°. Principal axes: T:1.2075,
Plg21.0000°,Azm125.0000°; N:0.1544,Plg33.0000°,
Azm20.0000°; P:-1.3619,Plg49.0000°,Azm272.0000°;

Main table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC. Lists various stations and their associated data.

Main table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC. Lists various stations and their associated data.

14d 15h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GDHS Morne Mazeau, CNGN Cerro Negro, and many others.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SOR Soroa, SOR Soroa, and many others.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WVT T50A Nancy, HBAR Harrisburg, and many others.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like ABTA, LESA, MYKA, OBKA, GERS, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like ERBR, LABN, VRH, STKA, SHA1, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like ZALV, ZALV, ZALV, JAY, USP, etc.

Table with columns for location, coordinates, and various data points. Includes entries like HeiHe, Ternei, Kalpa, Mondy, Irkutsk, Kungturgut, etc.

Table with columns for location, coordinates, and various data points. Includes entries like Laak, Pikit, Dalian, Talacogon, Musuan, Tandag City, Hu-ho-hao-te, etc.

Table with columns for location, coordinates, and various data points. Includes entries like Jose Panganiba, El Nido, Boac, Coron, LuoYang, etc.

NEIC 14 15:39:29.6±1.0, 10.895±0.08; 113.26E±0.09, h10km, 1km, mb4.5/11, Error ellipse: s-maj=14.9km s-min=12.6km az=240.0 DJA 14 15:39:29.6±2.0, 11°S±10'±11"3E", h34km±37km, M4.6/18, MLv4.6/18 IDC 14 15:39:30.6±1.4, 10.375±113.53E, h0km, mb3.7/5,

14d 18h

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

SJA 14 16:44:39.7, 0.21, 2.83S, 68.78W, h126km, 4km, ML3.8, MW3.8
GUC 14 16:44:42.0, 0.6, 2.1, 2.82S, 68.71W, h106km, 3km, ML3.7, Presumed earthquake

ISC 14 16:44:40.4, 1.4, 21.83S, 0.03, 68.71W, 0.05, h117km, gkm, n35, c150/62, 9C-2D, Chile-Bolivia border region

Main table of station data for the 14d 18h period, listing station names, coordinates, and seismic parameters.

IDC 14 16:52:26.1, 1.1, 2.08N, 84.95W, h0km, mb3.8/7, mbtmp3.9/9, ML3.5/2, MS3.8/14, Error ellipse: s-maj=38.1km s-min=19.7km az=67.0
NEIC 14 16:52:27.1, 1.8, 2.1N, 0.1, 84.5W, 0.1, h10km, 1km, mb4.6/11, Error ellipse: s-maj=26.6km s-min=14.9km az=29.0

Table of station data for the IDC 14 16:52:29.0, 9.2, 3N, 0.1, 84.5W, 0.1, h26km, n34, c151/25, mb4.2/11, MS4.0/11, Off coast of central America

2020 DEC

Table of station data for the 2020 DEC period, listing station names, coordinates, and seismic parameters.

IDC 14 17:14:12.8, 1.2, 3.42N, 125.70E, h154km, 12km, mb3.9/9, mbtmp4.4/14, Error ellipse: s-maj=24.6km s-min=9.1km az=72.0

NEIC 14 17:14:13.8, 1.3, 3.47N, 0.06, 125.87E, 0.06, h157km, gkm, mb4.4/18, Error ellipse: s-maj=11.1km s-min=4.7km az=6.0

MAN 14 17:14:13.0, 3.58N, 125.83E, h165km, MS4.1, DJA 14 17:14:14.0, 6.0, 7.3, N, 7.12, 6E, h138km, 5km, M4.5/15, mb4.9/6, mb4.8/7, MLV4.7/15, Mw(mb)4.2/6

ISC 14 17:14:12.5, 0.5, 3.45N, 0.04, 125.85E, 0.07, h150km, n60, c1534/67, mb4.4/19, Taland Islands

Main table of station data for the 2020 DEC period, listing station names, coordinates, and seismic parameters.

IDC 14 17:14:12.5, 0.5, 3.45N, 0.04, 125.85E, 0.07, h150km, n60, c1534/67, mb4.4/19, Taland Islands

Table of station data for the IDC 14 17:14:12.5, 0.5, 3.45N, 0.04, 125.85E, 0.07, h150km, n60, c1534/67, mb4.4/19, Taland Islands

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Table of station data for the 684 period, listing station names, coordinates, and seismic parameters.

IDC 14 17:43:43.0, 19.0, 21.82S, 178.83W, h280km, 114km, mb3.1/3, mbtmp3.7/4, Error ellipse: s-maj=275.8km s-min=44.3km az=136.0, Fiji Islands region

Table of station data for the IDC 14 17:43:43.0, 19.0, 21.82S, 178.83W, h280km, 114km, mb3.1/3, mbtmp3.7/4, Error ellipse: s-maj=275.8km s-min=44.3km az=136.0, Fiji Islands region

OTT 14 17:49:37.0, 0.2, 72.54N, 70.31W, h18km, ML3.1/5, 239km northeast from Clyde River, Nu Buffin Bay Seismic Zone. DNK 14 17:49:39.8, 1.6, 72.61N, 70.31W, h36km, 46km, ML2.0

ISC 14 17:49:33.6, 0.9, 72.61N, 0.05, 70.24W, 0.05, h10km, n12, c281/21, Buffin Bay

Main table of station data for the 684 period, listing station names, coordinates, and seismic parameters.

PAS 14 18:01:42.4, 1.5, 34.54N, 0.009, 118.90W, 0.02, h10km, 3km, Error ellipse: s-maj=2.0km s-min=1.3km az=90.0

NEIC 14 18:01:42.3, 2.4, 34.557N, 0.008, 118.915W, 0.009, h10km, 2km, ML2.7/64, ML2.8/34/PAS, Error ellipse: s-maj=3.0km s-min=1.5km az=218.0, Southern California

Table of station data for the PAS 14 18:01:42.4, 1.5, 34.54N, 0.009, 118.90W, 0.02, h10km, 3km, Error ellipse: s-maj=2.0km s-min=1.3km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARVC Donna J Jenkin, DJV Santa Juwan, CJV Tropic Hills, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, FINES FINESS Array B, etc.

DJA 14 18:24:08.2,0.3,5.2;10.2E; h,10km,M4,7/34, mb5.2/12,mb5.0/21,MLV4.8/34,Mw(mB)4.6/12, LitterleWp6:1/1, Mwp1,1/1

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Kapahiang, KSI Lahat, KSI Maura Aman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Maura Dua, MDSI Kasi, MDSI Kerinci, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI Kasi, MDSI Kerinci, MDSI Bandar Lampung, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: RPN, Rapa Nui, 57.59 85 LR, 19 03 35.7, etc.

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

Table with columns: KNK, Knik Glacier, 2.34 217, IAML, 18 42 21.6, etc.

SJA 14 18:35:52.70, 21°18'S, 68°53'W, h118km, 4km, ML3.7, MW3.7

GUC 14 18:35:56.40, 21°17'S, 68°11'W, h110km, 4km, ML3.7, Presumed earthquake

ISC 14 18:35:53.5, 6.2, 21°18'S, 68°26'W, 0.06, h125km, 10km, n28, c194/51, 7C-1D, Chile-Bolivia border region

Main table of station data for the first section, including columns for Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

Main table of station data for the second section, including columns for Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

Main table of station data for the third section, including columns for Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

IDC 14 18:38:26.5, 2.18, 70°S, 178°03'W, h597km, 30km, mb2.6/3, mbtp3.6/4, Error ellipse: s-maj=155.8km s-min=26.0km 82=144.0

ISC 14 18:38:19.0, 1.6, 19.9S, 0°44'17.7W, 0.3, h550km, n10, c073/10, mb3.2/3, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

AEIC 14 18:41:06.3, 1.4, 63°35'N, 0°02'145.48'W, 0.03, h12km, 6km, Error ellipse: s-maj=2.6km s-min=1.7km az=214.0

NEIC 14 18:41:05.8, 1.2, 63°30'S, 0°00'145.53'W, 0.04, h4km, 7km, ML3.0(AEIC), Error ellipse: s-maj=2.3km s-min=1.2km az=91.0, Central Alaska

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

AEIC 14 18:42:27.2, 0.2, 69°15'N, 0°02'144.57'W, 0.05, h3km, 6km, Error ellipse: s-maj=3.2km s-min=2.6km az=171.0

NEIC 14 18:42:28.7, 2.2, 69°21'N, 0°01'144.66'W, 0.04, h10km, 2km, ML2.6/4, ML2.4(AEIC), Error ellipse: s-maj=3.3km s-min=2.7km az=14.0, Northern Alaska

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and Res. Includes stations like D27M, D24K, C24K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and Res. Includes stations like EOS4, TWC, TWC, etc.

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

JMA 14 18:45:33.5, 0.3, 24.7N, 0.8, 122.0E, 0.6, h64km, 4km, M3.9/16, TAIWAN REGION

NEIC 14 18:45:33.1±1.5, 24.71N, 0.05±122.05E, 0.05, h71km, 6km, mb4.4/7, Error ellipse: s-maj=7.9km s-min=6.4km

TAP 14 18:45:33.2, 24.72N, 122.02E, h68km, ML4.5, C, IDC 14 18:45:32.8, 0.6, 24.74N, 0.02±122.05E, 0.02, h71km, 4km

ISC 14 18:45:32.8, 0.6, 24.74N, 0.02±122.05E, 0.02, h71km, 4km, n201, c1818/327, mb3.8/12, 25C-3D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and Res. Includes stations like TWC, NTC, EASO, etc.

KSAR Wongu Array Be 13.61 20 P

KSAR Knap Array 13.63 20 P

MJAR Matsuhiro Arr 18.19 46 LR

SOMN Songino Array 26.17 336 P

SOMN Songino Array 26.17 336 P

MKAR Makanchi Array 38.49 315 P

MAKZ Makanchi 38.70 315 P

ZALV Zalesovo Beam 40.21 326 P

ZALV Zalesovo Beam 40.21 326 P

WRA Warramunga Arr 46.00 164 P

TIXI Tiksi 47.10 3 P

BVAR Borovoye 47.74 320 P

BORK Borovoye 47.79 320 P

14d 18h

Table listing stations and their details for the 14d 18h period. Includes columns for station name, frequency, and other technical details.

NOU 14 18:54:23.4, 21.12S: 179.04W, h641km, mb4.9/69, Fiji Islands Region
GFZ 14 18:54:23.5, 0.2, 21.1S: 179.04W, h625km, M4.7/54, mb5.0/54
NEIC 14 18:54:24.1, 9.2, 21.06S: 179.04W, h629km, mb4.0/26, mbmp5.0/28, Error ellipse: s-maj=10.5km s-min=8.0km az=162.0
IDC 14 18:54:25.0, 0.5, 20.94S: 179.22W, h644km, 5km, mb4.0/26, mbmp5.0/28, Error ellipse: s-maj=10.5km s-min=8.0km az=162.0
ISC 14 18:54:24.0, 0.4, 20.99S: 179.07W, h635km, 4km, mb3.9/49, P-P, n506, c121/451, mb4.7/178, 16C-4D, Fiji Islands region

Main table listing stations and their details for the 14d 18h period. Columns include Code, Station Name, Frequency, and other technical details.

2020 DEC

Main table listing stations and their details for the 2020 DEC period. Columns include station name, frequency, and other technical details.

688

Main table listing stations and their details for the 688 period. Columns include station name, frequency, and other technical details.

Table with station call signs (e.g., MORW, KMSI, LBFI) and technical parameters (frequency, power, direction) for various stations.

Table with station call signs (e.g., TUC, WFOR, GSI, KMSI) and technical parameters (frequency, power, direction) for various stations.

Table with station call signs (e.g., LZH, RSSD, INK, YKA) and technical parameters (frequency, power, direction) for various stations.

Geographic information including coordinates (DJA 14 16:57:53.5, etc.), station name (DJA), and technical details (m, mb, M, M3, etc.).

14d 19h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Station Type, Time, Residual, and other station-specific data.

2020 DEC

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Station Type, Time, Residual, and other station-specific data.

690

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Station Type, Time, Residual, and other station-specific data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include stations like Miner Creek, Nigu River, Hotham Inlet, North Star Dit, L29M, Doyon Strip, Sheenjek River, Toolik Lake Re, Mount Kennedy, Kuna River, Etvluk River, Mamukuk River, Arctic Creek, Aishikik Lake, Whitestone, Kalkan River, Lookout Ridge, Kivi River, Pine Creek, Franklin Bluff, Itikilik River, Eagle Plains, Meade River, Lisburne Hills, Kokolik River, Teshekpuk Lake, Jago River, Babobag River, Camden Bay, Aloh Zraii Njii, Malcolm River, Peel River, Slow River, Barrier River, Teslin, Yukon, Tsinghectic, Inuvik, Inuvik, Hydler, Yellowknife Ar, Yellowknife Ar, Resolute Bay, Minsu Array Bea, Pinedale Array, Lac du Bonnet, Lac du Bonnet, Frobisher Bay, Minsu Array Bea, Spitsbergen Ar, Spitsbergen Ar, Noril'sk, Noril'sk, Lajitas Array, Lajitas Array, ARCES ARCESS Array B, Korea Array Bea, Songino Array, Songino Array, Songino Array, Zalesovo Array, Zalesovo Array, FINESS Array, HFS Hagfors, Borovoye Array, Eskdalemuir, Makanchi Array, Makanchi Array, Malin Array Be, Songino Array, Songino Array, Chiang Mai Arr, Chiang Mai Arr, Chiang Mai Arr, Vanda, Boshof, South Pole Qui, Chiang Mai Arr, Vanda, Boshof, South Pole Qui.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include stations like Los Guajares, Mijas, Mijas, Malaga-Limoner, JBK, JBK, Ceuta, Berja, Berja, Sierra Gorda, Sierra Gorda, Qentaur, Qentaur, Presa de Quent, Espera, Ifrane, Quesada, MD31, Adamuz, Adamuz, Adamuz, Midelt, Midelt, El Cabril, El Cabril, Tobarra, Tobarra, El Granado, El Granado.

NEIC 14 19:13:12.8; 1.7; 5.53S; 0.05; 152.59E; 0.10, h10(km), km, mb4.9/33, Error ellipse: s-maj=16.6km s-min=-8.8km az=88.0

IDC 14 19:13:17.2; 1.7; 5.53S; 152.49E, h49km, 13km, mb4.0/17, mbmp4.3/19, ML2.7/2, MS3.5/5, Error ellipse: s-maj=21.4km s-min=9.3km az=101.0

ISC 14 19:13:16.2; 0.6; 5.52S; 0.05; 152.54E; 0.09, h40km, n66, o=079/61, mb4.5/31, MS3.6/3, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include stations like Karavat, Karavat, Karvat, Karvat, H40PG, RABU, MANU, PMG, PMG, PMG, CTA, CTA, EIDS, DZM, DZM, SIJI, MTN, MTN, WR0, WR0, WR8, WR8, WRA, WRA, INKA, KNRA, KNRA, ASAR, ASAR, STKA, STKA, STKA, SOEI, SOEI, BATI, FITZ, MBWA, MBWA, URZ, JYT, JYT, CMAR, PETK, SONM, SONM, SONM, SONM, PALLE, PALLE, WMEI, WMEI, EMEL, EMEL, EMEL, EMEL, EMBL, EMBL, EMBL, EMBL, TAF, TAF, TAF, ELGU, ELGU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include stations like Eielson Array, Aiyikyak River, Salcha River, Namushuk River, Toolik Lake Re, Beaver Creek A, Kurchatov, Kurchatov, Kurchatov Arra, South Pole Qui, South Pole Qui, Chicken, Ala-Archa, Ala-Archa, Burnt Mountain, Ogilvie Camp, Noril'sk, Noril'sk, Old Crow, Karatay Array, Borovoye Array, Yellowknife Ar, Yellowknife Ar, Geres, Geres, Torodi Ar, Torodi Ar, Torodi Ar.

IDC 14 19:27:44.7; 1.1; 19.35N; 155.49W, h0km, mb3.6/8, mbmp2.6/8, Error ellipse: s-maj=44.4km s-min=23.6km az=144.0

NEIC 14 19:27:51.0; 1.2; 19.80N; 0.02; 155.54W; 0.04, h26km, 5km, ML4.6/46, ML4.4/29(HVO), Error ellipse: s-maj=5.4km s-min=-2.8km az=69.0

HVO 14 19:27:51.3; 2.3; 19.87N; 0.03; 155.57W; 0.04, h25km, 5km, Error ellipse: s-maj=5.2km s-min=3.7km az=73.0

ISC 14 19:27:50.6; 0.7; 19.82N; 0.03; 155.58W; 0.03, h28km, 5km, n95, i=120/104, mb3.9/9, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include stations like Pohakuloa, Hale Pohaku, Keanakolu, Humu'ula Sheep, Humu'ula Sheep, Hualalai, Mauna Loa Obsse, ALEP, ALEP, Pua Ululua, Mokuawewoewo, Mokuawewoewo, Mokuawewoewo, Wilkes Camp, Southwest Rift, Mauna Loa, Mauna Loa, Mauna Loa, KHALU, TRH, RCD, RCD, RSD, RSD, RSD, Dandelion, Hilo, Hilo, Mahukona, Uwekahuna, Uwekahuna, Uwekahuna, Cone Peak, Observatory Le, Steaming Bluff, Steaming Bluff, West Rift, Halema'uma'u T, Halema'uma'u T, Halema'uma'u T, Byron's Ledge, Byron's Ledge, Byron's Ledge, Sand Hill, Sand Hill, Sand Hill, Outlet, Desert, Desert, Desert, Desert, Keanakako'i, Keanakako'i, Ahua, Ahua, Ahua, Ahua, Kipuka Nene, Puaui, Puaui, Puaui, Puaui, Wood Valley, Wood Valley, Kahuku, Kahuku.

CNMR 14 19:12:29.7; 35.44N; 3.48W, h4km, ML1.9 SFS 14 19:12:30.9; 35.45N; 3.61W, h15km, ML2.6/10, ML2.6/10, ML2.6/10

MDD 14 19:12:30.2; 0.7; 35.43N; 3.68W, h3km, 8km, mb Lg2.3/13, Error ellipse: s-maj=7.7km s-min=4.3km az=164.0

ISC 14 19:12:28.6; 1.3; 35.49N; 0.02; 3.62W; 0.02, h8km, n101km, n31, i=18/59, Strait of Gibraltar

Table with columns: Station Name, Azimuth, Phase ID, ISC, h, m, s, ISC. Includes stations like Hilina Pali, Kane Nui o Ham, Steam Cracks, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, ISC, h, m, s, ISC. Includes stations like Jan Mayen East, Jan Mayen West, etc.

Table with columns: Station Name, Azimuth, Phase ID, ISC, h, m, s, ISC. Includes stations like ARAO, ARCES, etc.

BJI 14 19:35:55.8, 72:30N, 0:60E, h10km, mB5.760, mb5.2/87, Ms5.7/82, Mw7.5/81
PTWC 14 19:35:56.72, 50N, 1:10E, h10km, Mw6.2/12
IDC 14 19:35:57.1, 0.3, 72:25N, 0:50E, h0km, mb4.9/34, mbmp4.9/43, ML4.5/9, MS5.5/94, Error ellipse: s-maj=8.2km, s-min=7.3km, az=14.0
MOS 14 19:35:57.0, 1.2, 72:29N, 0:36E, h10km, mb5.6/78, MS5.6/53, Error ellipse: s-maj=11.9km, s-min=3.8km, az=97.2
NAO 14 19:35:58.0, 0.4, 72:28N, 0:60E, h10km, ML5.1
NEIC 14 19:35:58.8, 72:24N, 0:68E, h10km
NEIC 14 19:35:59.1, 6.1, 72:24N, 0:07, 0.7E, 0.3, h10km, 1km, mb5.5/639, Ms. 20.5/612, Mw6.5/329, Mw6.5/72, Error ellipse: s-maj=14.2km, s-min=11.9km, az=289.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1=6.32; M2=4.38; M3=1.93; M4=1.40; M5=2.09; M6=1.85; Fault plane solution: M2: 6.40000x10^17 NP1: 0.246, 31000, 835.450000, -78.970000. NP2: 0.52, 850000, 855.300000, -97.760000. Principal axes: T: 5.9560, Plg10.0000, Azm148.0000; N: 0.8365, Plg6.0000, Azm57.0000; P: -6.7925, Plg78.0000, Azm295.0000; INMG 14 19:35:59.0, 72:23N, 0:77E, h0km, Mw5.8, Fault plane solution: NP1: 0.34, 000000, 840.000000, -117.000000. NP2: 0.248, 000000, 855.000000, -69.000000. FCIAR 14 19:35:59.0, 72:12N, 0:61E, h10km, station OMEGA has station magnitude of 3.50 station AZDR has station magnitude of 4.30
BER 14 19:35:59.8, 3.1, 72:30N, 0:69E, h10km, Mw5.6, Confirmed Earthquake
GFZ 14 19:35:59.4, 0.1, 72:16N, 1:11E, h10km, Ms7.193, mb5.3/193, mB6.1/138, Mw(mB)5.7/138, MwMwp5.8/114, Mwp5.8/114
GFZ 14 19:35:59.4, 72:35N, 0:58E, h12km, Mw5.8/223, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1=6.52; M2=3.45; M3=3.06; M4=2.45; M5=2.70; M6=1.97; Fault plane solution: M2: 7.00308x10^17 NP1: 0.48, 77533, 858.35415, -88.32692. NP2: 0.225, 58888, 831.68546, -92.71228. Principal axes: T: 6.7057, Plg13.3390, Azm137.5596; N: 0.5611, Plg1.4243, Azm227.8973; P

-7.2668, Plg76.5823; Azm323.8797; GCMT 14 19:36:00.6, 0.1, 72:20N, 0:63E, h12km, Mw5.9/176, Moment Tensor Solution. s137, c248; s176, c586; Duration: 2s1 Moment tensor: Scale 10^18Nm; M1=0.71, 0.1; M2=0.41, 0.1; M3=0.30, 0.1; M4=0.04, 0.1; M5=0.49, 0.0; M6=0.19, 0.1; Best double couple: M2: 0.80400x10^18 NP1: 0.239, 000000, 840.000000, -7.4.000000. NP2: 0.38, 000000, 851.000000, -103.000000. Principal axes: T: 0.8610, Plg6.0000; Azm137.0000; N: -0.1110, Plg10.0000, Azm46.0000; P: -0.7480, Plg78.0000, Azm258.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface particle waves, cutoff=50s. Triangular moment-rate function BGR 14 19:36:03.0, 71.95N, 1.98E, h10km, mb5.6, Ms5.6 KOLA 14 19:36:03.3, 71.95N, 1.57E, h0km, ML3.3, Error ellipse: s-maj=28.0km, s-min=16.8km, az=80.0, Norwegian sea, Mohr ridge
DNK 14 19:36:04.9, 4.1, 72:56N, 0:68W, h18km, mB6.0km, ML3.1, Presumed earthquake
ISC 14 19:35:58.0, 0.4, 72:23N, 0:03, 0:58E, 0:02, h4km, 2km, h4km, pP-P, n2013, 0:19, 93, 1668, mb5.5/634, MS5.6/445, 126C-104D, Norwegian Sea

ARA0 baz=298, slow=22 Sn Sn 19 39 30.6 -9.1
ARA0 ARCESS Array S 8.57 96 Pn Pn 19 38 00.5 -2.2
ARA0 ARCESS Array B 8.57 96 Pn Pn 19 39 30.6 -9.1
ARCES ARCESS Array S 8.57 96 Pn Pn 19 38 00.1 -2.5
ARCES comp=2.8, 0nm, 0.3s, baz=300, slow=9, SNR=125 Sn Sn 19 39 29.6 -1.0
ARCES comp=2.1, 6nm, 0.3s, baz=302, slow=20, SNR=15 Sn Sn 19 39 29.6 -1.0
ARCES ARCESS Array B 8.57 96 Pn Pn 19 37 59.9 -2.8
ARCES ARCESS Array B 8.57 96 Pn Pn 19 37 59.9 -2.8
ARCES ARCESS Array B 8.57 96 Pn Pn 19 38 00.1 -2.5
ARCES Hetta 8.64 105 eP Sn 19 39 25.1 -1.5
ARCES Namsos 9.82 146 Pn Pn 19 38 04.0 -1.6
ARCES Namsos 8.78 146 eP Pn 19 38 04.7 -0.9
ARCES Kevo 8.93 93 Pn Pn 19 38 03.9 -3.6
ARCES Kevo 8.93 93 Pn Pn 19 38 03.9 -3.6
ARCES Kevo 8.93 93 Pn Pn 19 38 02.4 -5.1
ARCES Kevo 8.93 93 Pn Pn 19 38 04.7 -2.8
ARCES Kevo 8.93 93 Pn Pn 19 38 04.5 -3.0
ARCES Kevo 8.93 93 Pn Pn 19 38 04.3 -3.1
ARCES Kevo 8.93 93 Pn Pn 19 38 05.0 -2.5
VADS comp=2.4, 4umcomp=2.1, 45nm, 1.5s, comp=2.3, 35um Vads 9.48 89 eP Pn 19 38 12.2 -2.9
VADS comp=2.1, 16nm, 0.5s IAML IAML 19 38 17.4
VADS Vads 9.48 89 Pn Pn 19 38 12.2 -2.9
VADS Lillivraok 9.82 126 eP Sn 19 39 53.0 -8.8
VADS Lillivraok 9.82 126 eP Sn 19 38 01.1 -0.6
VADS Molde 10.06 161 Pn Pn 19 38 21.9 -1.1
VADS Molde 10.06 161 eP Pn 19 38 21.6 -1.4
VADS Molde 10.06 161 eP Pn 19 38 21.3 -1.7
VADS Sodankyl 10.09 106 Pn Pn 19 38 22.4 -1.0
SJUU comp=2.5, 5umcomp=2.1, 61nm, 0.8s, comp=2.3, 32um SJUU 10.11 346 eP Pn 19 38 21.2 -2.2
NOR Nord 10.11 346 eP Pn 19 38 19.9 -3.8
NOR Nord 10.11 346 eS Sn 19 40 06.5 -1.1
NOR Nord 10.11 346 Pn Pn 19 38 19.1 -4.5
NOR Nord 10.11 346 Pn Pn 19 38 19.3
NOR Nord 10.11 346 Pn Pn 19 38 19.6 -4.0
NOR Nord 10.11 346 i P Sn 19 38 18.9 -4.7
NOR Nord 10.11 346 i S Sn 19 40 03.3 -1.4
NOR IAML IAML 19 40 15.8
AKN Aaknes 10.39 162 Pn Pn 19 38 26.4 -1.3
AKN Aaknes 10.39 163 eP Pn 19 38 26.3 -1.3
RNF Rovaniemi 10.50 110 Pn Pn 19 38 27.9 -1.1
DOMB comp=2.4, 4umcomp=2.1, 113nm, 0.9s, comp=2.3, 1um DOMB 10.74 158 eP Pn 19 38 32.2 -0.1
FOO Floer 10.82 169 Pn Pn 19 38 32.0 -1.3
FOO Floer 10.82 169 eP Pn 19 38 32.4 -1.0
FOO Floer 10.82 169 eP Pn 19 38 32.1 -1.3
BORG Borgarnes 10.92 238 Pn Pn 19 38 33.8 -1.0
BORG comp=2.2, 2nm, 0.3s, baz=46, slow=8.5, SNR=14 LR LR 19 41 42.2
BORG comp=2.1, 4um, 20.9s, baz=17, slow=32 comp=2.2, 26nm, 1.0s AML AML 19 38 34.5 -0.3
BORG Borgarnes 10.92 238 AML AML 19 38 39.5 -4.7
BORG Borgarnes 10.92 238 eP Pn 19 38 41.0 +6.2
BORG Borgarnes 10.92 238 i P Pn 19 38 39.1 -1.3
SUE Suleen 11.35 170 Pn Pn 19 38 39.5 -1.0
SUE Suleen 11.35 170 eP Pn 19 38 39.5 -1.0
OUL Oulu 11.57 115 Pn Pn 19 38 42.6 -1.1
SUMC comp=2.7, 7umcomp=2.1, 177nm, 0.8s, comp=2.2, 7um SUMC 11.67 290 Pn Pn 19 38 45.0 -0.4
SUMC Summit 11.67 290 Pn Pn 19 38 43.9 -1.4
SUMC Summit 11.67 290 Pn Pn 19 38 43.9 -1.4
SUMC Summit 11.67 290 Pn Pn 19 38 44.9 -0.5
SUMC Summit 11.67 290 Pn Pn 19 38 45.5 +0.2
SUMC comp=2.3, 1umcomp=2.6, 600nm, 1.8s SUMC 11.67 290 Pn Pn 19 38 44.6 -0.8
SUMC Summit 11.67 290 Pn Pn 19 38 44.0 -1.0
TERF Teriberka 11.69 88 S Sn 19 40 45.8 -1.0
NC2 NORSAR Subarra 11.69 155 Pn Pn 19 38 44.5 -0.9
NC3 NORSAR Subarra 11.79 154 Pn Pn 19 38 46.3 -0.4
NC3 NORSAR Subarra 11.79 154 Pn Pn 19 38 46.3 -0.4
NC3 NORSAR Subarra 11.82 152 Pn Pn 19 38 45.4 -1.7
MSF Maaselka 11.87 108 Pn Pn 19 38 46.4 -1.3
SKAR comp=2.5, 5umcomp=2.1, 136nm, 0.9s, comp=2.2, 5um SKAR 11.94 169 eP Pn 19 38 47.1 -1.6
AC08 NORSAR Array S 11.97 153 Pn Pn 19 38 48.0 -1.2
NB2 NORSAR Subarra 11.98 154 Pn Pn 19 38 45.8 -3.5
NOA NORSAR Array B 11.98 154 Pn Pn 19 38 45.5 -1.7
NOA comp=2.0, 4nm, 0.3s, baz=334, slow=13, SNR=42 Sn Sn 19 40 47.0 -1.6
NOA comp=2.0, 3nm, 0.3s, baz=7.5, slow=10, SNR=5.0 LR LR 19 43 21.8
NOA comp=2.4, 2um, 19.1s, baz=345, slow=37 comp=2.1, 19nm, 0.7s AML AML 19 38 47.9 -1.6
SKAR Skarslia 11.99 161 eP Pn 19 38 47.9 -1.6
BER Bergen 12.05 169 eP Pn 19 38 49.7 -0.4
BER Bergen 12.05 169 eP Pn 19 38 48.1 -2.0
BER Bergen 12.05 169 Pn Pn 19 38 49.8 -0.4
APA Apatity 12.08 96 eP Pn 19 38 44.9 -5.7
APA comp=2.3, 35nm, 1.3s MLR MLR 19 38 47.9 -1.6
APA comp=2.3, 30um, 23.5s MLR MLR 19 38 50.7 -0.5
NAO01 NORSAR Array S 12.12 155 Pn Pn 19 38 50.7 -0.5
NAO01 NORSAR Array S 12.12 155 Pn Pn 19 38 50.7 -0.5
LRW Lerwick 12.17 184 Pn Pn 19 38 51.0 -0.9
LRW Lerwick 12.17 184 Pn Pn 19 38 51.3 -0.6
LRW Lerwick 12.17 184 i P Pn 19 38 50.9 -1.0
LRW Lerwick 12.17 184 eP Pn 19 38 54.9
LVZ Lovero 12.27 94d/P Pn Pn 19 38 49.3 -3.9
NRA0 NORSAR Array S 12.31 154 Pn Pn 19 38 52.4 -1.4
NRA0 baz=338, slow=14 Sn Sn 19 40 57.5 -1.4
NRA0 baz=352, slow=28 Sn Sn 19 38 52.4 -1.4
NRA0 NORSAR Array S 12.31 154 Pn Pn 19 40 57.5 -1.4
VAF Ylistaro 12.38 127 eP Pn 19 38 52.5 -2.1
KVDA Kovda 12.48 100 Pn Pn 19 38 53.5 -2.5
KVDA 12.48 100 S Sn 19 41 03.5 -1.2
ODD Odda 12.61 166 eP Pn 19 39 04.0 -2.5
OSL Oslo 12.98 157 eP Pn 19 39 03.0 -1.3
BLSS Blasjo 13.08 167 eP Pn 19 39 02.9 -2.1
KONO Kongsberg 13.14 160 Pn Pn 19 39 05.3 +0.3
KONO Kongsberg 13.14 160 eP Pn 19 39 02.9 -2.1
KONO Kongsberg 13.14 160 i P Sn 19 39 03.4 -1.7
KONO Kongsberg 13.14 160 Pn Pn 19 39 04.1 -1.8
HFS baz=342, slow=12 Sn Sn 19 41 19.5 -1.3
HFS baz=343, slow=28 Sn Sn 19 39 03.8 -2.1
HFS comp=2.4, 2nm, 0.3s, baz=320, slow=16, SNR=17 Sn Sn 19 41 19.4 -1.4
HFS comp=2.3, 9nm, 0.3s, baz=335, slow=24, SNR=5.9 LR LR 19 43 60.0
HFS comp=2.3, 9nm, 19.8s, baz=344, slow=36 comp=2.1, 124nm, 1.1s AML AML 19 39 04.1 -1.8
HFS Hagfors 13.20 150 AML AML 19 39 04.1 -1.8
HFS Hagfors 13.20 150 Pn Pn 19 41 19.5 -1.3
KMG Karmoy 13.21 169 eP Pn 19 39 06.2 +0.1
OMEGA Omega 13.36 31 eP Pn 19 39 06.4 -1.7
OMEGA eS Sn 19 41 26.7 -1.0
OMEGA comp=2.2, 21nm, 2.0s AML AML 19 39 10.8 -2.3
SUF Sumiainen 13.53 122 eP Pn 19 39 10.8 -2.3
KEF Keuruu 13.66 125 eP Pn 19 39 13.9 -1.8
RAF Rauma 13.92 133 eP Pn 19 39 13.9 -1.8
STRU Struik 13.92 157 eP Pn 19 39 16.4 +0.5
BIGH Upper Bighouse 13.92 190 Pn Pn 19 39 14.9 -0.7
BIGH Upper Bighouse 13.92 190 eP Pn 19 39 17.6
NEEM comp=2.5, 53nm, 0.9s North Greenland 13.99 315 i P Sn 19 39 11.2 -5.7
NEEM i S Sn 19 41 27.1 -2.5

Table of astronomical data for stars in the 693 column, including names like NEEM, UPP, SNART, LNIV, and various spectral types and magnitudes.

Table of astronomical data for stars in the STNC column, including names like Stoke, Dublin, Glengowla, and various spectral types and magnitudes.

Table of astronomical data for stars in the CLL column, including names like Colim, Membach, Wadsworth, and various spectral types and magnitudes.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like OBN, OSTC, UPC, DPC, GRA1, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BFO, ECH, CKRC, KRUC, RES, ABNA, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like WTTA, SQTA, RONA, UZH, FB, etc.

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Table with columns for country codes (e.g., VORD, TRIESTE, KHAM), names, and numerical values with various suffixes (e.g., 27.28 120 eP, 19 41 41.8 -1.2).

2020 DEC

Table with columns for country codes (e.g., NEHR, MURB, ISR), names, and numerical values with various suffixes (e.g., 29.48 142 pP, 19 42 05.6 +2.8).

14d 19h

Table with columns for country codes (e.g., MARCO, PSARD), names, and numerical values with various suffixes (e.g., 32.89 135 P, 19 42 36.1 +3).

14d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AGG Agios Georgios, PTEO Sao Teotônio, and many others.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, and many others.

696

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILAR Eielson Array, COLA College, and many others.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like LONY Lake Ozonia, MKAR Makanchi Array, and GHAJ Ghor Haditha.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like GHAJ Ghor Haditha, GHAJ Ghor Haditha, and GHAJ Ghor Haditha.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like ZAK, ZAK, ZAK, and ZAK.

14d 19h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like SONM, ULN, MCWV, I37A, etc.

2020 DEC

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like N38A, NIL, U56A, SRNI, etc.

698

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like PDAR, WWT, WVT, etc.

Table with columns: Station ID, Name, Frequency, Power, and Signal. Rows include BT02, BT02, GOMU, Y49A, WIFE, ISCO, MZR, MZR, MZR, MZR, HHC, HHC, HHC, TCUT, JOSI, JOSI, JOSD, BSUT, OK048, UMZA, CN2, CN2, CN2, BIDO, MDJ, MDJ, BGU, Y45A, LRAL, YSS, YSS, YSS, YSS, YSS, YSS, CROK, OK052, Z47A, Z47A, DEOK, WSAR, WSAR, SMDO, BSY, JASL, TIGA, MPU, P18A, OK029, MIAR, MIAR, MIAR, NDLA, DUG, DUG, DUG, ELK, ELK, ELK, ELK, NDI, P17A.

Table with columns: Station ID, Name, Frequency, Power, and Signal. Rows include 250A, PTH, MOD, USRKR, USRKR, USRKR, USRKR, USRKR, 352A, JMUI, TORD, TORD, TORD, TORD, TORD, L04D, JMDO, SDCO, KUDL, WBK, SRU, PV22, BJ2, BJ2, BJ2, BJ2, BJ2, BJ2, BJ2, BJ2, BJ2, BJ2, BJ2, PV14, PV10, SNY, SNY, SNY, SNY, SNY, PV20, PV16, Q16A, RTBA, YBH, YBH, YBH, JLJN, KSXB, LZH, LZH, LZH, LZH, LZH, LZH, LZH, LZH, BRAL, M03C, VBMS, LZDM, LZDM, 553A, 451A, WMOK, WMOK, WMOK, KRMB, AJM, AJM, AJM, 656A, ELFS, LOOK, LOOK, Z38A, HMU, MHTO, MHTO, MHTO, MVO, MVO, MVO, TIY, TIY, TIY, TIY, TIY, AMTX, AMTX, AMTX, JCC, PAHR, WTFS, WTFS.

Table with columns: Station ID, Name, Frequency, Power, and Signal. Rows include ASAJ, ASAJ, JKA, Z35A, DWPF, KVN, O02D, AONC, SZCU, DQM, MPK, FW06, YUBA, PNTR, HNS, HNS, HNS, DOK, DOK, UDPAIR, NATX, BHUJ, BHUJ, PLPT, KNB, NVAR, NVAR, SUTB, SUTB, SUTB, DL2, DL2, DL2, DL2, DL2, DL2, LCMT, AFDM, MSTX, WAKR, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO, TASM, TASM, ALQ, VLK, LSA, LSA, LSA, U15A, WHFO, JHNI, WELL, POST, EVN, SHAO, GMM, ABTO, ABTO, CMB, TPNV, TPNV, DMTO, DMTO, DMTO, DMTO, WUAZ, WUAZ, WUAZ, SHPR, GRAC, GRAC, MCMC, Y22A, XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN.

Table with columns: Station Name, Frequency, Band, Mode, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns: Station Name, Frequency, Band, Mode, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns: Station Name, Frequency, Band, Mode, and various signal quality metrics (e.g., SNR, S/N, etc.).

Additional information and data at the bottom right of the page, including station names and coordinates.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SJU, SLII, KNRA, BATI, FITZ, WBO, WRAB, WRA, ASAR, ASAR, SKTA, CASY, MK31, MKAR, MKAR, MAKZ, KURBB.

NEIC 14 19:52:01.2, 0.7, 1.7: 17N, 101.94: 89W, 0.06, h126km, 2km, mb4.3/7, Md4.4/17(MEX), Error ellipse: s-maj=14.3km s-min=8.2km az=185.0

MEX 14 19:52:01.7, 1.0, 1.7: 16N, 94.9: 91W, h131km, 7km, MD4.4, Presumed earthquake

ISC 14 19:51:58.9, 0.9, 1.7: 17N, 100.04: 89W, 0.03, h142km, 6km, n47, c203/77, Chiapas

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Lists numerous stations across the region.

ISC 14 19:56:54.0, 0.6, 39.82: 91.46W, h0km, mb4.2/12, mbmp4.2/13, ML3.2/1, MS4.6/8, Error ellipse: s-maj=2.0, 7km s-min=17.3km az=107.0

Azm89.00000: N 1.2970, Plg15.00000: Azm357.00000: P -7.7690, Plg73.00000: Azm204.00000: nsta1 refers to wave waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 14 19:56:55.7, 1.4, 39.9: S0.1: x1.91: 5W, 0.1, h10km, 1km, mb4.9/53 Error ellipse: s-maj=19.1km s-min=17.6km az=111.0

GFZ 14 19:56:55.7, 0.2, 40.0: S0.3: x9.9: 2W, 1.0, h10km, M4.9/40, mb4.5/40, Error ellipse: s-maj=7.1km s-min=6.9km az=169.6, confirmed

ISC 14 19:56:55.1, 0.5, 39.9: S0.0: 08.91: 54W, 0.09, h10km, n165, mb4.9/48, mb4.7/47, MS4.5/6, 1D, West Chile Rise

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Lists numerous stations across the region.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Lists numerous stations across the region.

Table with columns: ZALV, Zalesovo Beam, 165.69, 9 PKP, PKPdf, 20 16 57.9 -1.3

IDC 14 19:59:19.6:0.5, 17:56'S-173:12'W, hOkm, mb4.4/16, mb1m/4.4/18, ML3.9/2, MS4.3/8, Error ellipse: s-maj=19.0km s-min=12.9km az=124.0

NEIC 14 19:59:20.6:2.4, 17:60'S:01:08:17Z, 11.0km, 1km, mb5.0/43, Error ellipse: s-maj=17.3km s-min=10.5km az=72.0

ISC 14 19:59:23.4:0.4, 17:29'S:00:7:173:03'W:0:09, h28km, n177, s190/160, mb4.8/39, MS4.3/3, 13C-2D, Tonga Islands

Main table for 703 containing station names, coordinates, and seismic data for various stations like NIUE, AFI, MSVF, etc.

Table with columns: TUC, Tucson, 77.31 50 P, P, 20 11 16.6 +0.9

IDC 14 20:00:02.0:1.1, 44:55'N:112:16'W, hOkm, mb3.1/1, mb1m/3.1/16, ML3.4/4, Error ellipse: s-maj=14.2km s-min=9.6km az=71.0

NEIC 14 20:00:03.0:0.9, 44:62'N:02:112:49'W:0:02, h9km, 11km, ML3.9/102, ML3.7/31(BUT), Error ellipse: s-maj=2.6km s-min=2.1km az=128.0

BUT 14 20:00:03.0:6:1.1, 44:63'N:02:112:49'W:0:03, h5km, 6km, Error ellipse: s-maj=3.2km s-min=2.1km az=47.0

Main table for 2020 DEC containing station names, coordinates, and seismic data for various stations like DLBC, PDAR, ILAR, etc.

Table with columns: MMAI, Mount Meron Ar, 150.01 307 PKP, PKPdf, 20 19 07.5 +0.6

IDC 14 20:00:02.0:1.1, 44:55'N:112:16'W, hOkm, mb3.1/1, mb1m/3.1/16, ML3.4/4, Error ellipse: s-maj=14.2km s-min=9.6km az=71.0

NEIC 14 20:00:03.0:0.9, 44:62'N:02:112:49'W:0:02, h9km, 11km, ML3.9/102, ML3.7/31(BUT), Error ellipse: s-maj=2.6km s-min=2.1km az=128.0

BUT 14 20:00:03.0:6:1.1, 44:63'N:02:112:49'W:0:03, h5km, 6km, Error ellipse: s-maj=3.2km s-min=2.1km az=47.0

Main table for 14d 20h containing station names, coordinates, and seismic data for various stations like FETA, MYKA, ABTA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like M17K, N14K, SPU, SKLM, etc.

14C 14 20:19:05.6:1.7, 56:70N:158:28W, h0km, mb3.6/4, mbmp3.5/6, ML3.5/2, Error ellipse: s-maj=31.6km s-min=22.3km az=173.0, NEIC 14 20:19:0.0:0.8, 56:34N:0:03:156:56W:0:06, h52km, 13km, ML3.5/46, ML3.3(AEIC), Error ellipse: s-maj=5.5km s-min=3.5km az=51.0, AEIC 14 20:19:19.7:1.3, 56:36N:0:04:156:47W:0:06, h46km, 8km, Error ellipse: s-maj=5.6km s-min=4.6km az=44.0, ISC 14 20:19:14.1:0.5, 56:37N:0:03:156:51W:0:03, h43km, 15km, n118, c075/116, mb3.6/4, Alaska Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CHIR, CHGN, ANPB, AZAC, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like P54A, S12K, HAG, PNTA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GADL, OMS, TLAR, etc.

14d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, MZP, IAML, and other parameters. Includes stations like Karatay Array, FINESS Array B, Pinedale Array, etc.

SSNC 14 20:28:01.7-0.3, 19.82N-75.64W, h0km, ML0.0, MW1.2, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Rio Carpintero, Alice Springs, etc.

NEIC 14 20:31:24.0-0.9, 43.64N-105.18W, h0km, f1km, ML3.3/58, Error ellipse: s-maj=7.5km s-min=5.2km

IDC 14 20:31:27.9-2.5, 43.92N-105.55W, h0km, mbtp3.3/2, ML3.2/2, Error ellipse: s-maj=65.1km s-min=16.0km

ISC 14 20:31:25.2-0.9, 43.65N-105.14W, h0km, n34, 137/33, Wyoming

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, MZP, IAML, and other parameters. Includes stations like Black Hills, Casper, LASA Array, etc.

SSNC 14 21:12:47.4-2.6, 18.02N-76.54W, h5km, 12km, ML2.5, Presumed earthquake

JSN 14 21:12:48.0-0.5, 17.92N-76.47W, h18km, 3km, MD3.0, Confirmed Earthquake

ISC 14 21:12:43.3-1.6, 18.14N-76.41W, h7km, 11km, n19, 192/39, 5C-30, Jamaica region

2020 DEC

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, MZP, IAML, and other parameters. Includes stations like Greenwich, Hope, Stony Hill, etc.

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Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, MZP, IAML, and other parameters. Includes stations like comp-N,23um,0.8s, comp-E,20um,0.9s, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like HATC, GDXM, MCCM, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like KSU1, JCT, ECSD, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like RUAV, OTAV, PETK, etc.

14d 21h

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), Makanchi Array, Urewera, Port Moresby, Alice Springs, ASAR, BOSHA, MAW, etc.

IDC 14 21:46:32.6:0.9,3:17N:126:37E,h0km,mb3.777, mbimp3.9,ML4.1/2,MS3.2/1, Error ellipse: s-maj=40.1km s-min=14.9km az=57.0

NEIC 14 21:46:39.2:1.1,3:2NL0:1,126:69E:0.10,h47km,11km, mb4.2/9, Error ellipse: s-maj=20.6km s-min=12.8km az=202.0

ISC 14 21:46:40.6:0.9,3:2NL0:1,126:69E:0.11,h63km,n21, o#87/20,mb4.0/12,Talau Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Sorong, Jayapura, Kununurra, Fitzroy Crossi, Warramunga Arr, WRA, WRR, ASAR, JUNU, STKA, MKAR, MAZK, ZALV, KURBB, KURK, D19K, etc.

NOU 14 21:57:43.2,41:30S:172:61E,h198km,MLV4.4/22,South Island, New Zealand
WEL 14 21:57:46.6,41:32S:172:49E,ML4.4,Mw4.3,Moment Tensor Solution. Moment tensor: Scale 10^15Nm;

ISC 14 21:57:42.0:1.4,41:32S:172:55E:0:05,h211km,7km, n202,1811/215,South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Matariki Wadsw, Matariki Terra, Motueka DOC wo, Nelson Brightw, Quartz Range, etc.

2020 DEC

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Cape Campbell, Kahutara, Kaikoura, Waiata Gorge, Greymouth Fire, etc.

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Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like East Tongariro, North Tongariro, Te Maari, Timaru, Porangahau, etc.

NSSP 14 21:58:42.1,38:75N:43:52E,h10km,Ms4.6
MOS 14 21:58:44.2:1.1,38:67N:43:45E,h10km,mb4.9/45, Error ellipse: s-maj=5.0km s-min=3.3km az=86.8

14d 21h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MI30, ARCR, SLWR, BLBK, CJR, SHME, HERR, MARR, OBN, etc.

2020 DEC

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like WSAR, BRLS, BRLS, BRLS, BRLS, etc.

710

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MTSE, GEC2, GEC2, GEC2, GERES, etc.

15d 0h

ASAR Sn Sn 22 52 37.5 -21
ASAR HJH 41 39 15 AML
MKAR Makanchi Array 67.31 328 P

IDC 14 23:03:51.7-1.7, 41.36N-83.87E, h0km, mb4.2/1, mbtmp3.6/6, ML3.0/5, MS3.4/1, Error ellipse: s-maj=38.8km s-min=13.6km az=69.0

SOME 14 23:03:52.3, 40.82N-83.22E, h15km
NCC 14 23:03:54.9, 1.4, 41.38N-83.53E, h6km, 5km, mb4.1, mpv3.8, Error ellipse: s-maj=10.2km s-min=7.7km az=163.0

ISC 14 23:03:53.4, 1.2, 41.38N-83.91E, 0.05, h10km, n51, c2542/75, 9C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Ketmen, Podgornoye, Uzb, Kuram, etc.

2020 DEC

MTBS Maitube 5.82 290 eP Pb 23 05 34.5 -0.5
MTBS 4.1nm,0.4s eS Sb 23 06 47.7 +2.9

IDC 14 23:38:50.2, 2.2, 23.18S-179.55W, h0km, mb4.0/4, mbtmp4.0/4, Error ellipse: s-maj=176.9km s-min=34.0km az=161.0

NEIC 14 23:38:52.6, 1.2, 23.1S:0.1x179.5W:0.2, h10km, 1km, mb4.5/21, Error ellipse: s-maj=26.1km s-min=16.9km az=290.0

ISC 14 23:38:52.0, 8.2, 23.1S:0.1x179.5W:0.1, h10km, n27, c1934/26, mb4.4/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KST, DGS, KRBS, etc.

BPWA Bear Paw Mtn. 89.77 12 P P 23 51 49.4 -0.9
PV21 Cone Mtn., Par 90.13 48 P P 23 51 53.2 +0.3

IDC 14 23:49:24.5, 23.0, 38.67N-109.36E, h0km, mb3.1/1, mbtmp3.2/2, ML2.8/1, Error ellipse: s-maj=346.1km s-min=35.8km az=122.0, Western Nei Mongol

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

IDC 14 23:55:37.5, 0.9, 38.43N-109.91E, h0km, mb3.9/7, mbtmp3.8/9, ML3.3/2, Error ellipse: s-maj=27.5km s-min=14.0km az=72.0

NEIC 14 23:55:38.7, 1.0, 38.47N:0.07x109.97E:0.08, h10km, 2km, mb4.5/7, Error ellipse: s-maj=14.4km s-min=7.2km az=213.0

ISC 14 23:55:38.7, 0.7, 38.58N:0.07x110.08E:0.05, h10km, n23, c1962/27, mb4.3/12, Western Nei Mongol

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

UCR 14 23:19:13.6, 0.8, 11.95N-87.25W, h82km, 73km, MW3.8, 1C, Presumed earthquake, Near coast of Nicaragua

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

IDC 14 23:38:50.2, 2.2, 23.18S-179.55W, h0km, mb4.0/4, mbtmp4.0/4, Error ellipse: s-maj=176.9km s-min=34.0km az=161.0

NEIC 14 23:38:52.6, 1.2, 23.1S:0.1x179.5W:0.2, h10km, 1km, mb4.5/21, Error ellipse: s-maj=26.1km s-min=16.9km az=290.0

ISC 14 23:38:52.0, 8.2, 23.1S:0.1x179.5W:0.1, h10km, n27, c1934/26, mb4.4/12, South of Fiji Islands

NOU 15 00:03:10.0, 35.28S-176.17W, h0km, mb4.6/8, East of North Island, N.Z.

IDC 15 00:03:37.9, 3.2, 35.22S-179.43W, h0km, mb4.2/2, mbtmp4.3/3, ML4.5/1, MS3.6/2, Error ellipse: s-maj=74.5km s-min=36.5km az=124.0

WEL 15 00:03:37.5, 1.1, 36.5S:13.17W:8.1, h33km, M4.7/12, ML4.4/14, ML4.7/12, Error ellipse: s-maj=22.0km s-min=9.3km az=136.9

ISC 15 00:03:30.9, 1.9, 35.8S:0.1x178.1W:0.2, h10km, n34, c1983/43, East of North Island

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

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Table with columns: MWZ, Matawai, 4.33 232, P, Pn, 00 04 38.9 +2.0, etc. Includes stations like WHRZ Whale Island, PRGZ Paritu Road, RAGZ Rawiri, URZ Urewera.

SDD 15 00:18:30.4±1.4, 19.62N; 69.22W, h73km±8km, MD2.8, ML2.6, MW3.1, Presumed earthquake

OSPL 15 00:18:31.2±0.8, 19.62N; 69.15W, h48km±6km, ML2.4, Presumed earthquake

ISC 15 00:18:30.3±2.4, 19.55N; 01.6923W, 0.06, h69km±13km, n10, c0711/18, 9C-3D, Dominican Republic region

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res, ISC. Includes stations like SMDR Samana, DR, NADR Nagua, PCDR Punta Cana, DR, SADR Isla Saona, etc.

IDC 15 00:30:04.0±2.6, 44.18N; 84.65E, h0km, mbtmp3.0/5, ML2.5/5, Error ellipse: s-maj=27.3km s-min=18.9km az=40.0

SOME 15 00:30:05.9, 44.30N; 84.53E, h15km, NNC 15 00:30:07.4±1.4, 44.27N; 84.50E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=12.8km s-min=5.5km az=126.0

ISC 15 00:30:08.1±1.4, 44.56N; 0.07, 85.55E; 0.08, h10km, n29, c3505/36, 5C-7D, Northern Xinjiang

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res, ISC. Includes stations like ZSN Zaisan, MK31 Makanchi Array, MKAR Makanchi Array, etc.

2020 DEC

Table with columns: KAPS, 1.6nm, 0.1s, eS, Sn, 00 32 11.7 +4.0, etc. Includes stations like PDGK Podgornoye, SHLS Shalkode, UZB Uzynbulak, etc.

IDC 15 00:35:22.2±0.9, 38.16N; 117.91W, h0km, mb3.2/2, mbtmp3.2/7, ML3.6/5, MS2.8/5, Error ellipse: s-maj=9.0km s-min=9.5km az=76.0

REN 15 00:35:22.3±1.9, 38.16N; 02-117.94W; 0.02, h11km, 3km, Error ellipse: s-maj=3.0km s-min=1.6km az=49.0

NEIC 15 00:35:22.2±0.5, 38.20N; 02-117.93W; 0.02, h11km, 4km, ML3.9/218, Mwr3.8/39, ML4.3/15(REN), Error ellipse: s-maj=3.1km s-min=1.9km az=213.0, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mrr:0.58; Mth:0.50; Mtt:1.08; Mnt:2.29; Mnt:6.12; Mnt:0.37; Fault plane solution: M=6.61000x10^14 NP1: 99.4, 83.000°, 84.4, 18.000°, 20.52000°. NP2: 92.66000°, 69.59000°, 173.79000°. Principal axes: P 6.5351, Plg169.0000°, Azm321.0000°, N 0.1427, Plg69.0000°, Azm110.0000°; P 6.778, Plg10.0000°, Azm227.0000°;

NEIC 15 00:35:22.1, 38.19N; 117.94W, h13km, ISC 15 00:35:22.3±0.9, 38.16N; 02-117.91W; 0.02, h11km, 6km, n118, c0717/111, Nevada

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res, ISC. Includes stations like COLR Columbus, NV11 Mina Array Sit, NV07 Mina Array Sit, etc.

15d 0h

Table with columns: WAKR Walker, 1.25 286, Pn, 00 35 45.3 -0.7, etc. Includes stations like YERR Yerington, SGV South Grapevine, NTA Nevada Test Site, etc.

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Table with columns: Call sign, Station Name, Frequency, Mode, Power, and Notes. Includes stations like Mizpe Shalem, Keskin Array B, MSBI Mazada, Ghor Haditha, etc.

NEIC 15 02:09:05.8; 1.2, 21.1; S:0.2; 177.39W; 0.10, h571km, 11km, mb3.3/12, Error ellipse: s-maj=31.1km s-min=11.5km az=166.0

IDC 15 02:14:13.3; 3.4, 21.2; S:177.77W, h644km, 40km, mb3.2/6, mltmpt4.3/7, Error ellipse: s-maj=33.1km s-min=22.6km az=162.0

ISC 15 02:19:06.5; 1.0, 20.7; S:0.2; 177.5W; 0.2, h600km, n27, c#311/28, mb4.2/12, Fijil Islands region

Main station listing table with columns: Code, Station Name, Frequency, Mode, Power, and Notes. Includes Pinnac, DZM, KOUNC, CTAO, STKA, etc.

NEIC 15 02:30:09.9; 1.5, 29.5; S:180.0; 0.9; 35E; 0.1, h10km, 2km, mb3.9/8, Error ellipse: s-maj=17.2km s-min=13.6km az=130.0

SGS 15 02:30:11.8; 29.6; N:24.3; 99E, h21km, MI3.8

JSO 15 02:30:11.5; 0.4, 30.3; N:3 x 3 5E, h13km, 2km, M4.6/23, ML4.0/21, ML4.6/23

HLW 15 02:30:11.3; 0.0; 29.5; N:35.1; 2E, h20km, MI3.8

Gll 15 02:30:11.3; 0.0; 29.5; N:0.0; 35.0; 051E; 0.001, h0km, Mws3.6, confirmed

ISC 15 02:30:11.2; 0.0, 29.5; N:0.2; 34.9E; 0.03, h24km, 5km, n85, c#092/109, 5C-3D, Egypt

Table with columns: Code, Station Name, Frequency, Mode, Power, and Notes. Includes EIL, ELI, EIL, EIL, ELI, ELI, etc.

2020 DEC

Table with columns: Call sign, Station Name, Frequency, Mode, Power, and Notes. Includes YTVT, HBST, HRFI, etc.

Gll 15 02:46:55.2; 0.0, 35.6; 608N; 0.002; 26.359E; 0.001, h0km, Mws3.9, confirmed

ISK 15 02:46:58.7; 35.6; 69N; 26.28E, h10km, ML3.9/15

ATH 15 02:46:59.4; 35.6; 7N; 26.34E, h16km, 2km, ML3.9/18, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

THE 15 02:47:00.0; 36 N; 1 x 2 6E, h20km, 3km, M3.8/24, ML3.8/24

BEO 15 02:47:01.7; 1.1, 35.6; 61N; 26.14E, h0km, ML3.5/3

IDC 15 02:47:02.5; 1.0, 35.4; 2N; 26.29E, h58km, 16km, mb3.7/9, mltmpt3.8/17, Error ellipse: s-maj=30.2km s-min=10.1km az=2.0

AFAD 15 02:47:03.7; 35.7; 58N; 26.82E, h16km, 1km, MW4.0

ISC 15 02:46:59.9; 0.9, 35.5; 58N; 0.02; 26.35E; 0.02, h32km, 7km, n169, c#183/234, mb3.9/5, Crete

Main station listing table with columns: Code, Station Name, Frequency, Mode, Power, and Notes. Includes SIT2, SIT2, ZKR, etc.

MAN 15 02:30:28.0; 3.6; 1N; 126.31E, h14km, MS4.0

IDC 15 02:30:30.2; 1.4, 3.9; 9N; 126.05E, h0km, mb3.9/5, mltmpt3.9/5, Error ellipse: s-maj=15.5km s-min=18.8km az=65.0

NEIC 15 02:30:34.2; 1.7, 4.4; N:0.1; 127.1E; 0.1, h35km, 2km, mb4.3/10, Error ellipse: s-maj=22.3km s-min=18.8km az=56.0

ISC 15 02:30:30.1; 0.8, 3.6; 6N; 126.3E; 0.1, h10km, n21, c#34/19, mb4.2/10, Talaud Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and Notes. Includes BIPH, BIPH, BIPH, etc.

15d 2h

Table with columns: Call sign, Station Name, Frequency, Mode, Power, and Notes. Includes TOL2, MTN, FITZ, etc.

Gll 15 02:46:55.2; 0.0, 35.6; 608N; 0.002; 26.359E; 0.001, h0km, Mws3.9, confirmed

ISK 15 02:46:58.7; 35.6; 69N; 26.28E, h10km, ML3.9/15

ATH 15 02:46:59.4; 35.6; 7N; 26.34E, h16km, 2km, ML3.9/18, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

THE 15 02:47:00.0; 36 N; 1 x 2 6E, h20km, 3km, M3.8/24, ML3.8/24

BEO 15 02:47:01.7; 1.1, 35.6; 61N; 26.14E, h0km, ML3.5/3

IDC 15 02:47:02.5; 1.0, 35.4; 2N; 26.29E, h58km, 16km, mb3.7/9, mltmpt3.8/17, Error ellipse: s-maj=30.2km s-min=10.1km az=2.0

AFAD 15 02:47:03.7; 35.7; 58N; 26.82E, h16km, 1km, MW4.0

ISC 15 02:46:59.9; 0.9, 35.5; 58N; 0.02; 26.35E; 0.02, h32km, 7km, n169, c#183/234, mb3.9/5, Crete

Main station listing table with columns: Code, Station Name, Frequency, Mode, Power, and Notes. Includes SIT2, SIT2, ZKR, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other details. Includes entries like APE Apeiranthos, BODT Bodrum, and many others.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, and other details. Includes entries like J01E Myrtle Point, J01E, and J02E.

Table with columns: Name, RA, Dec, Mag, Type, and other details. Includes entries like M03C McCloud, F04A Amboy, and many others.

Table with columns: EIDS, Eidsvold, 28.45 254, P, P, 04 18 37.3 +0.8, etc. Lists various stations and their frequencies.

Table with columns: ADK, Adak, 71.88 1 P, P, 04 23 50.8 -0.4, etc. Lists various stations and their frequencies.

Table with columns: HILR, Hailar Array B, 88.41 325 P, P, 04 25 17.7 +0.5, etc. Lists various stations and their frequencies.

Table of seismic stations with columns for SLA, Station Name, Time, Res, and various codes. Includes stations like San Lorenzo, San Pedro de A, AF01, AF02, AF03, etc.

Table of seismic stations including PLCA Paso Flores, CPUP Villa Florida, LPAZ La Paz, GQSA South Pole Qui, VVDA Vanda, TXAR Lajitas Array, PDAR Pinedale Array.

SKO 15 06:13:54.4, 40°69'N, 20°09'E, h28km, ML1.8
TIR 15 06:13:54.8, 40°63'N, 20°31'E, h34km, ML2.5, ML2.5, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BERA Berati, KBN Korca, OHR Ohrid, TIR Tirane, etc.

IDC 15 06:20:35.7-17.0, 52°57'N, 168°47'W, h0km, mb3.3/3, mbtmp3.2/4, ML2.9/1, Error ellipse: s-maj=336.4km
AEIC 15 06:20:40.2±1.6, 52°61'N, 0°08'W, 168°21'W, 0°07', h26km, 6km, Error ellipse: s-maj=12.8km s-min=4.7km az=161.0

NEIC 15 06:20:42.4±1.4, 52°84'N, 0°08'W, 168°35'W, 0°08', h44km, 9km, mb3.6/36, ML3.5/22, ML2.3(AEIC), Error ellipse: s-maj=13.0km s-min=5.3km az=158.0

ISC 15 06:20:42.6±1.2, 52°83'N, 0°11'W, 168°35'W, 0°05', h48km, 12km, n106, e1414/103, mb3.5/10, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like OKWE Okmok W'ng Wal, OKER Okmok East Rim, OKRE Okmok R'deer, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like AKBPA Akutan Broad B, AKLV Akutan Long Va, AKGG Akutan Green G, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like WECS Westdahl Ice, WESP Westdahl Peak, WEBT Westdahl Beart, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like WESN West Dahl Nort, SSSA Shishaldin, ISLZ Isanotski Laza, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like AKUT Akutan, AKRB Akutan Reef Bi, AKRB Akutan Reef B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like AKBPA Akutan Broad B, AKLV Akutan Long Va, AKGG Akutan Green G, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like AKUT Akutan, AKRB Akutan Reef Bi, AKRB Akutan Reef B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like MENT Mentasta, H2AK Noodor Dome, H24K, BARN Barnard Glacier, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like J25K Salcha River, SCRR Logan Creek, LOGN Logn Glacier, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like M27K Edge Creek, AK, M27K, PCA Pinnacle, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like L27K Beaver Creek, BCAR Beaver Creek A, I26K Coal Creek Min, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like M29M Somme Creek, I27K Kandik River, EMAR Kurut Mountain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like H31M Braeburn, Yuko, H29M Whitestone, H29M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like I30M Mount Dempster, PETK Petropavlovsk, L29M L29M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like D27M Malcolm River, E29M Blower River, E29M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like H31M Peel River, H31M, F30M Barrier River, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like YKA Yellowknife Ar, YKA, YKAW Yellowknife Ar, YKAW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like G05A Wamic, C15A Salmund Ranch, BLKN Baker Lake, BLKN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like H11N2 WAKE ISLAND Hy 38.18 220, H11N3 WAKE ISLAND Hy 38.18 220, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like H11N1 WAKE ISLAND Hy 38.20 220, YES Vestal, Richg, H11S1 WAKE ISLAND Hy 39.36 219, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PDAR Pinedale Array, PDAR, TX31 Lajitas Ar, TX31, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like AB31 Akbulak array, AB31, ABKAR Akbulak array, KKAR Karatay Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

KRNET 15 06:33:44.0±0.1, 41°99'N, 78°80'E, h13km, mb2.5
SOME 15 06:33:44.4, 41°97'N, 78°82'E, h10km
NINC 15 06:33:45.2±2.2, 42°02'N, 78°80'E, h0km, mb3.0, mpv2.8, Error ellipse: s-maj=15.2km s-min=8.1km az=149.0

ISC 15 06:33:43.5±2.0, 41°96'N, 0°06'W, 78°80'E, 0°07', h11km, 13km, n119, e079/35, 6C-4D, Kyrgyzstan-Xinjiang region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PRZ Przheval'sk, TARQ Taragay, Kyrgh, UZB Uzunbulak, etc.

Table with columns: KST, KasteK, 2.40 298 eP, Pb, 06 34 27.7 +1.0, etc.

IDC 15 06:44:46.6:17.0,36:36N:70:26E, h230km, 139km, mb3.0/4, Error ellipse: s-maj=208.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 15 06:44:46.6:17.0,36:36N:70:26E, h230km, 139km, mb3.0/4, Error ellipse: s-maj=208.7km

IDC 15 06:44:46.6:17.0,36:36N:70:26E, h230km, 139km, mb3.0/4, Error ellipse: s-maj=208.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

PRE 15 06:54:15.8:1.1,22:74S:24:69E, h5km, ML2.3, Presumed earthquake

BGSI 15 06:54:25.7:1.4,22:70S:25:20E, h41km, 22km, ML2.7, Presumed earthquake

IDC 15 06:54:18.6:0.8,22:78S:0:03,24:99E:0:03, h10km, n21, c215/37, Botswana

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

SDD 15 06:54:42.6:1.1,18:11N:71:30W, h32km, 10km, MD2.5, ML2.2, MW2.4, Presumed earthquake

OSPL 15 06:54:45.1:1.1,18:22N:71:45W, h8km, 15km, ML1.5, Presumed earthquake

n8,c088/13,5C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ASRS 15 07:00:26.0:0.9,54:66N:83:68E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

IDC 15 07:00:27.1:1.9,54:61N:83:71E, h0km, mbmp3.0/3, ML2.6/3, Error ellipse: s-maj=17.4km s-min=11.9km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 15 07:07:42.6:0.8,12:30S:166:79E, h110km, 6km, mb4.1/17, mbmp4.5/18, MS3.2/6, Error ellipse: s-maj=19.1km

BUI 15 07:07:42.0:1.1,92:22S:166:99E, h111km, mb5.3/2, mb4.9/29

NEIC 15 07:07:43.9:2.1,12:22S:0:08,166:7E:0:1, h114km, 5km, mb4.8/29, Error ellipse: s-maj=18.1km s-min=11.3km

GFZ 15 07:07:44.6:0.5,12:52S:166:7E:1, h124km, M4.8/25, mb4.8/25, confirmed

NOU 15 07:07:46.2,12:49S:166:29E, h108km, mb4.8/40, Santa Cruz Islands

IDC 15 07:07:43.6:0.7,12:28S:0:05,166:59E:0:07, h112km, 5km, h112km, pP, n174, c1915/175, mb4.7/57, 5C-1D, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: PLWZ, Palliser, 30.15 167 P, P, 07 13 42.9 -0.1, etc.

15d 7h

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

VIE 15:07:10.05:4.1, 2.51:42N:16.44E, h0km, mb2.4/1, ml2.7/2, ml2.4/2, Error ellipse: s-maj=8.2km s-min=6.0km az=14.0

PRU 15:07:10.05:9.51:41N:16.28E, h0km, mb2.4/1, ml2.7/2, ml2.4/2, Error ellipse: s-maj=8.2km s-min=6.0km az=14.0

ISC 15:07:10.05:2.1, 3.51:39N:0.06:16.27E:0.03, h0km, ml1, n109, #0986/34, Poland

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

ASRS 15:07:15.1:0.1, 3.54:55N:83.63E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 15:07:15.12:4.2, 0.54:68N:83.77E, h0km, mbtmp3.0/3, ML2.5/3, Error ellipse: s-maj=18.6km s-min=11.9km az=166.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like I46RU, ZALV, ZALV, etc.

2020 DEC

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

ISC 15:07:43.20:7.0, 6.25:54S:70.85W, h0km, mb4.0/8, mbtmp3.9/13, ML3.8/5, MS3.1/5, Error ellipse: s-maj=19.1km s-min=11.6km az=93.0

SJA 15:07:43:21.3:0.7, 25:65S:71.20W, h26km, 3km, ML4.3, MW4.3

NEIC 15:07:43:23.1:1.9, 25:66S:0.04:71.08W, 0.06, h15km, 4km, mb4.3/18, ML4.2(GUC), Error ellipse: s-maj=9.1km s-min=3.9km az=62.0

GUC 15:07:43:25.2:0.6, 25:68S:70.77W, h39km, 2km, ML4.2, Presumed earthquake

ISC 15:07:43:22.0:1.9, 25:67S:0.02:71.05W:0.05, h11km, 12km, n109, #1974/126, mb4.3/13, 2C-1D, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AC01, PB14, AC06, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PB03, PB03, TINO, etc.

Table with columns for call sign, frequency, mode, and other technical parameters. Includes stations like WAKE ISLAND and WARRAMUNGA.

Technical information including coordinates and transmission parameters: IDC 15:07:59.22.1.0.9, 32.46Sx72.18W, h0km, mb4.1/3, mtmp3.8/8, ML3.9/5, MS3.3/3, Error ellipse: s-maj=20.7km s-min=14.8km az=134.0

Technical information including coordinates and transmission parameters: SJA 15:07:59.24.6.0.7, 32.63Sx71.79W, h20km, 2km, ML3.8, MW4.0

Technical information including coordinates and transmission parameters: GUC 15:07:59.26.7.0.0, 32.62Sx71.78W, h34km, 4km, ML4.1, Presumed earthquake

Technical information including coordinates and transmission parameters: NEIC 15:07:59.27.2.0.2, 32.62Sx0.02x71.86W, 0.08, h35km, 2km, mb4.0/3, ML4.1(GUC), Error ellipse: s-maj=1.2km s-min=3.0km az=74.0

Technical information including coordinates and transmission parameters: ISC 15:07:59.23.1.1.2, 32.62Sx0.02x71.99W, 0.04, h12km, 7km, n120, s161/154, mb4.3/3, MS3.2/3, 6C-20D, Near coast of central Chile

Main table of station call signs, frequencies, modes, and other technical parameters. Includes stations like Torpederas, El Roble, Curacav, Santo Domingo, Los Peladeros, Peldehue, San Esteban, Renca, Matucana, Matucana, Talagante, Cerro Caljin, CCHEN, Universidad Ad, Las Vizcachas, Farellones, Pirque, Combarbal, Ro Olivares, San Alfonso.

Main table of station call signs, frequencies, modes, and other technical parameters. Includes stations like San Alfonso, Bocatomora, Tunca, Las Melosas, Fray Jorge, El Pedregal, Hualane, Sierra Bellaví, Leoncito, CERRO ARCO, Tololo Observa, G004, G004, AGR, AGR, Reserva Natur, Zonda, Vizcachas, Panamaveria, San Juan, Juntas del Tor, Juntas del Tor, Cerro Coronel, Cerro Villucum, Coronel Font, CFA, Las Campanas, San Fabín de, El Transito, El Transito, Punta Huapón, Llanos de Chal, VCA, Mina Casimiro, Juan Fernandez, Juan Fernandez, Matucana, Corral, Paso Flores, IPOC Station P, IPOC Station P, Villa Florida, CUPUP, Villa Florida, La Paz, La Paz, La Paz, San Ignacio, Rapa Nui, Montañas de, QSPA, QSPA, Lajitas Array, Lajitas Array, Mawson, Mawson, Dimbokra, Dimbokra, Kurchatov, Kurchatov, ZALV, ZALV.

Main table of station call signs, frequencies, modes, and other technical parameters. Includes stations like Matushiro Arr, Koorda, Kellerberrin, Ballidu, Watnong, Curragin, Beacon, Western Australia, Kulin High Sch, Narrogin, Narrogin, Narrogin, Morawa, Ongerup, Rkguy, Kanlowa Belle, Kambalada, Meekatharra, Balladonia, Forrest, Forrest, Gareloi-Kavalg, Gareloi Lava P, Gareloi North, Gareloi East, Gareloi Northie, Tanaga North, Tanaga Southea, Tanaga Flats, Tanaga Point A, Kanaga Island, Kanaga Island, Kanaga Island, Kanaga Island, Adak, Adak, Adak, Mount Adagadg, Kagalaska Isla, Great Sittkin C, Great Sittkin M, Great Sittkin T, Shemys Is, Shemys Is, Shemys Is, Atka Island, Atka Island, Atka, Atka, Mount Kluichef, Korovin North, Korovin South, Concord Point, Okmok Mt. Tuil, Saint Paul Isl, Saint Paul Isl, Makushin Gnd, Makushin Natee, Unalaska Valle, Unalaska Valle, Akutan Green G, Akutan Harbor, Akutan, Sand Point, Sand Point, Chernabura Isl, Chernabura Isl, Chirikof Isl, Chirikof Isl, Nushagak Hills, Nushagak Hills, Sittinak Island, Sittinak Island, Kitka Creek, Kitka Creek, Mount Bism Dome, Old Harbor, Granite Mount, Granite Mount, Saitkin, Saitkin, ZALV, ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Honhososa River, China Pool, Skitlak Lake, Redstone River, Kuna River, Killik River, Eielson Array, Ayikyak River, Squaw Lake, Toolik Lake, Your Creek, Beaver Creek, Kavik River, Matusushiro Arr, Yellowknife Arr, Pinedale Array, Spitsbergen, Lajitas Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sarautout, Devils Point, Koum, Niue, Tingoa Renbel, Pines Island, Tatamba Isabel.

IDC 15 09:03:39.2;3.2, 17:19Sx174:22W, h80km, 29km, mb3.8/7, mdtmp4.2/8, Error ellipse: s-maj=41.5km s-min=15.6km az=145.0
NEIC 15 09:03:39.9;1.5, 17:11S;0:09:174:23W:0.0, h84km, 7km, mb4.3/19, Error ellipse: s-maj=14.1km s-min=3.3km az=161.0
ISC 15 09:03:40.7;0.6, 17:07S;0:09:174:3W:0.1, h100km, n36, s100/35, mb4.2/17, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Niue, Ruatahuna, Tophouse, Stephens Creek, Warramunga Arr, Tennant Creek, Warramunga Arr, Alice Springs, Jajaj, Banawa, South Pole Qui, Mina Array Bea, Van Horn, Marma, Lajitas Arr, Lajitas Array, Belgrano, Albuquerque, Boulder Array, Pinedale Array, Pinedale Array, Hebglen Lake, Indian Mountain, Rio Del Rio, Juan Fernandez, Juan Fernandez, Juan Fernandez, Burnt Mountain, Carolina, Mapu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HaritRAO, Newcastle, Parys, Senekal, Frees, Pilgrimsrest, Lephalale, Pietermaritzbu, Mopani, Makgori, Boshof, Kokstad, Musina, Limpop, Sekoma, Matopo, Alkapan, Brakfontein, Grantham, Ukamas, Fraserburg, Sufi-Kurgan, Naryn, Salom-Alik, Taragay, Kyrgy, Ulaloh, Kijays, Arslanbob, Karamyk, Uchtor, Boomskeye usch, Karagaybulak, Ala-Archa, Tokmak, Tokmak, Przhval'sk, Bishkek, Erkin-Say, Kastek.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tian-Shan, Chumysh, Maitube, Medeo, Degeres, Kotrybulak, Karabastau, Uzynbulak, Karabastau, Uzynbulak, Karabastau, Uzynbulak, Kurchatov, Zalesov Beam, ARCES Array B, GERES Array B, Alice Springs, Jayapura, Sorong, Warramunga Arr, Warramunga Arr.

BGSI 15 09:14:14.7;1.9, 26:97S;26:00E, h504km, 30km, ML2.8, Presumed earthquake
BUL 15 09:14:14.5;1.8, 26:41S;29:49E, h11km, 20km, MD3.3, Presumed earthquake
PRE 15 09:18:08.4;1.1, 26:51S;29:09E, h0km, ML2.3, Suspected explosion, South Africa

NEIC 15 09:31:45.7;1.0, 12:2N;0:1:141:8E:0.1, h62km, 10km, mb4.5/7, Error ellipse: s-maj=18.9km s-min=13.9km az=196.0
IDC 15 09:31:47.9;3.5, 12:19N;141:72E, h93km, 35km, mb3.6/7, mdtmp4.0/9, MS2.8/2, Error ellipse: s-maj=36.1km s-min=15.3km az=108.0
ISC 15 09:31:43.3;0.7, 12:2N;0:1:141:5E:0.1, h50km, n21, s110/23, mb4.2/12, South of Mariana Islands

Table with station names, codes, times, and coordinates. Includes stations like MAKAR, USAOB, USRUK, etc.

Table with station names, codes, times, and coordinates. Includes stations like KOLA, HEL, RMF, etc.

Table with station names, codes, times, and coordinates. Includes stations like DJR, KNOX, BLB, etc.

HEL 15 10:00:23.5.0,1.67,43N,23.33E, h0km, ML1.5, Suspected explosion, Sweden

Table with station names, codes, times, and coordinates for suspected explosion in Sweden. Includes stations like KLF, PAJU, etc.

SOME 15 06:06:7.47,97N,80.45E, h0km NNC 15 10:06:12.9.0.6,47.74N,80.44E, h2km, 8km, mb3.6, mp3.4, Error ellipse: s-maj=5.3km s-min=4.6km az=84.0

ISC 15 10:06:12.4.0.9,47.78N,0.03,80.53E,0.05, h10km, n26, o1963/39,7C-5D, Eastern Kazakhstan

YARS 15 10:16:48.2.58*23N-128.08E, h7km, ML2.0/11, Ms3.5/2, 1C, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Southeastern Siberia

Table with station names, codes, times, and coordinates for suspected explosion in Eastern Kazakhstan. Includes stations like CGD, CLNS, etc.

IDC 15 09:59:21.3.2,1.47,36N,80.45E, h0km, mbtmp3.0/1, ML2.2/1, 2C-1D, Error ellipse: s-maj=29.3km s-min=11.4km az=57.0, Eastern Kazakhstan

Table with station names, codes, times, and coordinates for suspected explosion in Eastern Kazakhstan. Includes stations like MAKZ, MK31, etc.

Table with columns: VTRM, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

NEIC 15 10:49:24.9:1.7, 7.00S:0.08:129.26E:0.10, h156km, 9km, mb4.2/13, Error ellipse: s-maj=13.9km s-min=12.2km az=96.0

IDC 15 10:49:25.2:0.7, 16S:129.17E, h143km, 19km, mb3.6/9, mbtmp4.2/13, MS2.4/1, Error ellipse: s-maj=24.7km s-min=13.5km az=75.0

DJA 15 10:49:26.2:0.3, 7.9S:2.12E, h153km, 8km, M4.5/17, mb4.8/7, mb4.7/8, ML4.7/17, Mw(mb)4.1/7

ISC 15 10:49:24.8:0.5, 7.24S:0.05:129.24E:0.05, h150km, n50, c243/57, mb4.0/12, Banda Sea

Main table for station data on page 729, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

Table with columns: GRW, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

WEL 15 10:58:53.1:1.3, 33S:11.17W, 2.1, h100km, M3.8/5, mb4.2/2, ML3.9/9, ML3.8/5, Mw(mb)3.3/2, Error ellipse: s-maj=28.7km s-min=10.0km az=112.3, South of Kermadec Islands

Main table for station data on page 730, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

IDC 15 10:59:44.5:2.2, 6.01S:34.02E, h0km, mb4.2/3, mbtmp4.2/3, Error ellipse: s-maj=163.5km s-min=23.2km az=116.0, Tanzania

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

IDC 15 11:02:14.6:3.9, 17.93N:100.54W, h0km, mb3.8/4, mbtmp3.6/5, ML3.2/1, MS2.6/2, Error ellipse: s-maj=98.8km s-min=53.8km az=51.0

MEX 15 11:02:27.1:0.6, 18.28N:100.83W, h54km, 8km, MD4.2, Presumed earthquake

ISC 15 11:02:25.4:0.9, 18.26N:100.81W:0.05, h60km, 9km, n13, c098/19, mb3.5/4, 1C, Guerrero

Main table for station data on page 731, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

JMA 15 11:25:48.6:0.0, 34.5N:0.1:139.3E:0.2, h1km, MV2.9/32, NEAR NIJIMA ISLAND

JMA Felt J1 at NEAR NIJIMA ISLAND. ISC 15 11:28:48.4:1.0, 34.49N:0.03:139.31E:0.05, h13km, 6km, n12, c051/20, Near south coast of eastern Honshu

Main table for station data on page 732, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

mB4.8, mb3.5, ML3.0, Mw(mb)4.0, FUNV 15 11:31:49.0, 6.60N:72.79W, h5km, MW3.6, Presumed earthquake

ISC 15 11:31:47.3:1.0, 6.85N:0.03:73.11W:0.03, h155km, 7km, n42, c159/75, Northern Colombia

Main table for station data on page 733, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Adak, Resolute Bay, Baker Lake, etc.

CNRM 15 11:43:27.8,36:37N:8:33W,h10km,ML3.6
IGIL 15 11:43:34.7,36:60N:8:32W,h22km,ML2.2
SFS 15 11:43:34.9,36:66N:8:34W,h29km,ML2.5/8,ML2.5/8,ML2.4/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Albufeira, Faro, Lagos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Messejana, Minas do Lousa, Beja, etc.

AFAD 15 11:46:02.5,37:34N:44:63E,h7km,5km,ML2.4
ISN 15 11:46:02.4,1.1,37:45N:44:48E,h8km,ML2.8,Presumed earthquake
TEH 15 11:46:03.5,37:34N:44:49E,h8km,81km,ML2.8, Presumed earthquake

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Hakkari, Ykse, Marand, etc.

BGSI 15 11:46:02.1,1.8,22:86S:22:95E,h14km,66km,ML2.5, Presumed earthquake
PRE 15 11:46:06.0,0.8,23:69S:27:76E,h0km,ML1.5, Suspected explosion,South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Lephalale, HaritRao, Musina, etc.

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

IDC 15 12:02:33.6,1.9,8:53S:130:38E,h0km,mb3.6/1, mbmtmp3.4/3,ML3.4/2,MS3.1/7,Error ellipse: s-maj=77.2km s-min=16.9km az=70.0,Tanibar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Keravat, Stephens Creek, Chiang Mai Arr, etc.

IDC 15 13:27:39.2:77.5,0.52:80N:5:71E,h0km,Error ellipse: s-maj=327.8km s-min=177.8km az=113.0,The Netherlands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Freyung Infr, Kesra Infrason, DUBNA Infrason, etc.

IDC 15 13:46:31.1:61.7,0.54:37N:0:99E,h0km,Error ellipse: s-maj=341.0km s-min=190.9km az=110.0,North Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Keravat, Warramunga Arr, Alice Springs, etc.

IDC 15 14:02:49.8:5.6,5:06S:153:29E,h0km,mb3.3/3, mbmtmp3.3/3,MS3.0/1,Error ellipse: s-maj=172.3km s-min=40.3km az=109.0,New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Kappang, etc.

IDC 15 14:23:49.6:0.7,9:03S:75:78W,h0km,mb3.9/6, mbmtmp3.9/11,ML3.5/5,MS2.9/1,Error ellipse: s-maj=23.4km s-min=13.1km az=60.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Kappang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like St Joseph, Festivo Court, Corral Hollow, etc.

IDD 15:10:04.8-1.7, 24.19S; 66.97W, h154km, 19km, mb3.5/2, mbmp3.9/6, Error ellipse: s-maj=34.8km s-min=13.7km az=102.0

NEIC 15:10:06.9-0.9, 24.20S; 0.07-0.67; 0W:0.1, h173km, 9km, mb4.0/5, Error ellipse: s-maj=15.7km s-min=10.6km az=97.0

SJA 15:10:07.3-1.3, 24.20S; 67.11W, h192km, 10km, ML3.3, MW3.6

GUC 15:10:09.3-0.6, 24.04S; 67.42W, h229km, 10km, ML3.9, Presumed earthquake

ISC 15:10:06.9-0.7, 24.14S; 0.05-67.09W; 0.4, h183km, 7km, n57, r153/79, 1C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SALTA, AF01, SLA, FSA, etc.

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

BUI 15:35:12.5, 39.32N; 144.09E, h7km, mb5.0/17, mb4.7/6/2, Ms4.3/20, Ms7.4/1/23

NEIC 15:35:15.4-2.2, 39.16N; 0.06-144.1E; 0.1, h10km, 1km, mb4.9/8/3, Error ellipse: s-maj=14.4km s-min=9.9km az=106.0

GFZ 15:35:18.3-0.5, 39.1N; 144.1E; 0.1, h28km, 2km, Ms1.5/28, mb5.0/28, Error ellipse: s-maj=10.8km s-min=6.6km az=128.7, confirmed

IDD 15:35:19.5-1.9, 39.11N; 143.98E, h42km, 17km, mb4.2/28, mbmp4.5/36, ML4.3/7, MS3.8/53, Error ellipse: s-maj=14.2km s-min=11.4km az=101.0

JMA 15:35:19.8-0.1, 39.2N; 0.2-143.9E; 0.4, h53km, MD4.8/39, MV5.2/39, FAR E OFF SANRIKU

JMA Felt II J1 at FAR E OFF SANRIKU

NIED 15:35:19.8, 39.23N; 143.93E, h53km, MW4.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm; Mr=0.44; Mw=0.85; Mw=0.41; Mw=0.50; Mw=0.28; Mw=0.79; Fault plane solution: M1: 2.20000x10^16 NP1: 0.113, 0.00000, 0.835, 0.00000, A-22, 0.00000. NP2: 0.222, 0.00000, 0.877, 0.00000, A-123, 0.00000.

GCMT 15:35:24.4-0.5, 39.24N; 0.04-143.90E; 0.3, h48km, 5km, MW4.7/71, Moment Tensor Solution, s6, c6; s7, c96; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.41; 21; Mw=1.16; 12; Mw=0.74; 13; Mw=0.63; 09; Mw=0.37; 08; Mw=1.06; 09; Best double couple: M1: 6.4100x10^16 NP1: 0.118, 0.00000, 0.839, 0.00000, A-15, 0.00000. NP2: 0.220, 0.00000, 0.891, 0.00000, A-128, 0.00000. Principal axes: T1: 62.40, P1: 25.00, Azm: 339.00000; N: 0.0370.

Plg38.00000, Azm227.00000; P-1.6590, Plg42.00000, Azm94.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15:35:18.8-0.5, 39.13N; 0.04-143.99E; 0.05, h35km, 4km, h35km; p-P, n295, 0.1940/22, mb4.8/107, MS4.0/56, 3C-8D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MIYU, OFUJ, JTKH, etc.

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

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include FUORN, DAVOX, PECS, P40A, ITM, TXAR, SAND, TBI, VAE, ESDC, QSPA, VNA2, VNA3, VNA3, VNA1, VNA1, PLCA, etc.

MAN 15:38:40.0, 9.02N, 126.48E, h17km, MS4.4
NEIC 15:38:41.4, 0.8, 9.07N, 126.2E, 0.1, h17km, 2km,
mb4.4/29, Error ellipse: s-maj=15.3km s-min=10.7km
az=80.0

IDC 15:38:42.2, 2.4, 8.98N, 126.28E, h58km, 23km, mb3.8/15,
mbmp4.1/18, ML4.2/3, MS3.3/5, Error ellipse:
s-maj=25.6km s-min=13.1km az=83.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include TSSP, DAV, DMPH, KCP, KCP, PLP, BIFH, CDOP, MUSAN, DAV, DAV, DAV, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include DAV, DAV, DMPH, KCP, KCP, PLP, BIFH, CDOP, MUSAN, DAV, DAV, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include DAV, DAV, DMPH, KCP, KCP, PLP, BIFH, CDOP, MUSAN, DAV, DAV, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include DAV, DAV, DMPH, KCP, KCP, PLP, BIFH, CDOP, MUSAN, DAV, DAV, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include DAV, DAV, DMPH, KCP, KCP, PLP, BIFH, CDOP, MUSAN, DAV, DAV, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include DAV, DAV, DMPH, KCP, KCP, PLP, BIFH, CDOP, MUSAN, DAV, DAV, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include DAV, DAV, DMPH, KCP, KCP, PLP, BIFH, CDOP, MUSAN, DAV, DAV, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include MKAR, MKAR, MAKZ, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include ZALV, ZALV, KURK, KURK, KURB, KURB, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include NRIK, NRIK, NRIK, NRIK, NRIK, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include D25K, D25K, BSMR, BSMR, SCRK, SCRK, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include H29M, H29M, H29M, H29M, H29M, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include H29M, H29M, H29M, H29M, H29M, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include H29M, H29M, H29M, H29M, H29M, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include H29M, H29M, H29M, H29M, H29M, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include H29M, H29M, H29M, H29M, H29M, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include H29M, H29M, H29M, H29M, H29M, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include H29M, H29M, H29M, H29M, H29M, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include BRTR, GERES, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Rows include HHRG, HHRG, HHRG, HHRG, HHRG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PBAR Barrancos, PMTG Montargil, ESPR Espera, etc.

ICD 15 17:52:13.6:2.8:40S:123.43E, h0km, mb3.4/1, mbtmp3.8/3, ML4.1/2, Error ellipse: s-maj=282.4km s-min=28.0km az=54.0

NOU 15 17:52:29.0:9.15S:123.87E, h122km, mb3.9/13, Timor Region

ISC 15 17:52:24.6:1.2, 8.75S, 0.1:123.99E:0.09, h100km, n13, e183/12, Flores region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SOEI Soe, PLAI Plampang, DRD Darwin Rock St, etc.

HEL 15 18:00:31.9:0.2, 67.06N:21.02E, h0km, ML2.0, Explosion UPP 15 18:00:31.1:0.1, 67.05N:20.98E, h0km, ML2.3, Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DUNU Dundret, MASU Masungsbyn, ERTU Ertjaerv, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BURU Ranua, RANF Ranua, TRO Vikre, etc.

HEL 15 18:00:51.0:5.67:16N:20.75E, h0km, ML2.2, Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PAJU Pajala, LANU Lanu, KLF Kolari, etc.

ICD 15 18:04:03.8:60.3:0.54:01N:4.10E, h0km, Error ellipse: s-maj=234.2km s-min=151.9km az=111.0, North Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like I26DE FREYUNG INFRAS, I37NO I37NO, I43RU DUBNA INFRAS, etc.

ICD 15 18:07:42.3:1.4, 16.12S:177.85E, h0km, mb3.9/6, mbtmp3.9/6, MS3.9/9, Error ellipse: s-maj=34.3km s-min=19.6km az=74.0

ISC 15 18:07:46.3:1.3, 16.2S:0.1:177.9E:0.2, h26km, n15, mbtmp17/8, mb3.7/6, MS3.3/7, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MSVF Nonsau, MSVF Mont Dzumac, DZR Honiara, etc.

mbtmp3.7/3, ML3.4/1, MS3.6/3, Error ellipse: s-maj=241.1km s-min=65.8km az=40.0, NDI 15 18:17:53.5:1.9, 23.98N:93.42E, h35km, 7km, ML3.3, Presumed earthquake

ISC 15 18:17:53.4:1.1, 24.07N:0.07:93.33E:0.07, h67km, 12km, n14, e139/16, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like AZL Aizawl, IMP Imphal, KOHI Kohima, etc.

BKK 15 18:31:53.4:1.9, 1'N:16.16x10.0E:1.15, h10km, M4.0/4, mB4.5/1, MjM4.0/4, MLV4.1/2, Mw(MB)3.6/1

DJA 15 18:31:57.0:0.2, 1'N:1.1x10.0E:1.1, h10km, M4.2/19, MLV4.2/19

NEIC 15 18:31:58.2:1.4, 0.86N:0.07:99.97E:0.04, h41km, 8km, mb4.3/11, Error ellipse: s-maj=11.3km s-min=1.6km az=212.0

ICD 15 18:31:60.2:3.0, 7.9N:99.97E, h58km, 19km, mb3.7/12, mbtmp3.9/14, ML3.8/2, MS3.3/2, Error ellipse: s-maj=42.1km s-min=14.0km az=55.0

ISC 15 18:31:57.2:1.2, 0.84N:0.04:99.97E:0.04, h32km, 9km, n52, e138/59, mb4.2/17, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BKNI Bangkinang, PPI Padang Panjang, TRSI Tarutung, etc.

ICD 15 18:00:31.9:0.2, 67.06N:21.02E, h0km, ML2.0, Explosion UPP 15 18:00:31.1:0.1, 67.05N:20.98E, h0km, ML2.3, Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CMAR Warramunga Arr, WRO Warramunga Arr, ASAR Alice Springs, etc.

15d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SISI Saibi, KRJI Kerinci, MASI Maura Aman, etc.

SKHL 15 19:07:19.5:0.3, 44.440N:148.50E, h40km, mb4.7/4
JMA 15 19:07:20.1:0.6, 44.44N:148.50E, h0km, MV4.4/21, SE
OFF ETOROFU
ISC 15 19:07:18.1:3.5, 44.44N:148.50E, h55km, n15,
c1506/18, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, SHO Shikotan, YUK Yuzh-Kuril'sk, etc.

MDD 15 19:21:18.9:0.5, 35.79N:4.68W, h26km, mb, Lg2.6/16,
Error ellipse: s-maj=3.3km s-min=2.8km az=138.0
IGL 15 19:21:19.0:35.79N:4.68W, h26km, ML2.7
SFS 15 19:21:19.5:35.79N:4.72W, h31km, ML3.3/13, ML3.3/13,
MLV3.2/13
INMG 15 19:21:19.2:1.4, 35.77N:4.72W, h46km, ML2.2, Error
ellipse: s-maj=3.1km s-min=2.5km az=115.0
#DIST. RANGE: REGIONAL #PMA. REGION: Alboran
CNRM 15 19:21:20.5:35.51N:4.83W, h78km
ISC 15 19:21:17.1:1.2, 35.78N:0.02:4.69W, h89km, 8km,
n57, c150/105, Strait of Gibraltar

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZHG ZHG, EGRO El Granado, MD31 MD31, etc.

ISC 15 19:51:25.6:4.3, 5.33S:141.12E, h0km, mb3.7/3,
mbtmp3.6/5, ML3.6/2, Error ellipse: s-maj=163.1km
s-min=23.6km az=96.0, New Guinea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga, ASAR Alcaide de J, etc.

SNET 15 20:06:27.1:1.3, 12.96N:89.09W, h33km, ML2.8,
Presumed earthquake, Off coast of central America
NEIC 15 20:11:14.6:1.6, 18.5N:0.1:68.82W:0.05, h134km, 11km,
ML2.7/33, MD3.77(RSPR), Error ellipse: s-maj=17.5km
s-min=6.7km az=183.0
RSPR 15 20:11:17.7, 18.52N:68.80W, h111km, MD3.77

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HIDR Higuey Centro, SADR Isla Saona, SADR Isla Saona, etc.

SDD 15 20:11:18.9:1.6, 18.48N:68.82W, h113km, 8km, MD3.1,
ML2.7, MW3.0, Presumed earthquake
ISC 15 20:11:16.2:1.5, 18.46N:0.08:68.82W:0.03, h119km, 8km,
n41, c0594/57, 4C-50, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GCRP Guaynabo, PDRP Patillas Dam, etc.

SNET 15 20:11:07.0:13.0, 15.18N:83.25W, h19km, ML5.3,
Presumed earthquake
IDC 15 20:11:17.3:0.8, 15.22N:84.57W, h0km, mb3.9/7,
mbtmp3.9/9, ML3.3/3, MS3.6/15, Error ellipse:
s-maj=15.7km s-min=13.1km az=25.0
CATAC 15 20:11:17.7:0.4, 15.1N:84.4W, h18km, 3km, M4.9/37,
mb4.8/15, mb5.0/6, MLV5.4/37, Mw(mb)4.4/6, Error ellipse:
s-maj=2.9km s-min=2.2km az=39.8, Moment Tensor
Solution, Moment tensor: Scale 10^19N, Mir:0.07;
Msh-1.17; Msh:1.10; Msh:0.05; Msh:2.26; Msh:0.75; Fault
plane solution: M2.63959x10^19 N/1m, 346.25662;
387.13128; 4.16367348; NP2:77.09653; 373.69451;
1.2.98905; Principal axes: T: 2.6447, P1:3.5277;
Azim300.5199; N: -0.0103, P1:73.4301, Azim156.5609;
P: -2.6344, P1:3.3890, Azim32.7998; confirmed
GFZ 15 20:11:18.6:0.2, 15.18N:83.25W, h10km, M4.5/6, mb4.5/6
Error ellipse: s-maj=7.0km s-min=5.8km az=123.4,
confirmed
NEIC 15 20:11:18.6:1.9, 15.19N:0.03:84.36W:0.04, h12km, 4km,
mb4.2/17, Error ellipse: s-maj=6.2km s-min=4.9km
az=99.0
ISC 15 20:11:17.2:2.7, 15.36N:0.04:84.27W:0.04, h2km, 18km,
n173, c1542/193, mb4.2/16, MS3.5/10, 3C-2D, Honduras

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BOAB BOACO BROADBAN, AENES El Sauc Leon, and many others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like URI Uribia, PODR Polo, DWPF Disney Wildern, and many others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like EKSZ 24nm,0.2s, SNR=18, ARSB Erkin-Say, and many others.

Vertical text block containing technical details and coordinates, including 'NNC 15:20:19:25.9, 0.8, 42.70N:71.71E, h0km, mb3.3, mpv3.3, Error ellipse: s-maj=10.9km s-min=2.6km az=8.0'.

NEIC 15:20:33:49.8, 0.5, 20.9S:0.3:178.1W:0.3, h492km, 29km, mb4, 4/10, Error ellipse: s-maj=55.8km s-min=27.3km

IDC 15:20:33:50.9, 2.9, 20.88S:178.28W, h496km, 31km, mb3.2/4, mbmp4, 1/6, Error ellipse: s-maj=71.2km s-min=26.5km az=43.0

ISC 15:20:33:49.4, 1.9, 20.9S:0.2:178.1W:0.3, h495km, n20, o82/20, mb4.2/10, 1C, Fiji Islands region

Table with columns for Code, Station Name, Frequency, Mode, and Signal Strength. Includes stations like MSVF Nonsavu, URZ Urewera, and many others.

15d 22h

baz=342,slow=287,SNR=6.9 I 23 13 58.0
I43RU DUBNA INFRASONI9.67 69 I 23 13 58.0
0.1nm,1.4s,baz=280,slow=316,SNR=6.2

TIR 15 21:32:17.8,41'12N,20'19E,h3km,2km,ML2.5,
Presumed earthquake
SKO 15 21:32:18.2,40'96N,20'13E,h7km,ML2.5
PDG 15 21:32:19.3,0.2,41'16N,20'15E,h0km,11km,ML2.6/10,
Error ellipse: s-maj=0.4km s-min=1.2km az=0.0
ISC 15 21:32:18.3,1.1,41'11N,0'02,20'18E,0.03,h3km,10km,
n25,e1517/46,1C,Albania

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

OSPL 15 21:49:04.5,0.9,18'40N,70'36W,h0km,9km,ML2.3,
Presumed earthquake
SDD 15 21:49:04.5,1.0,18'47N,70'35W,h14km,5km,MD2.6,
ML2.4,MW2.8,Presumed earthquake
ISC 15 21:49:03.1,1.2,18'45N,0'06,70'36W,0'03,h18km,3km,
n9,e044/17,1C,Dominican Republic region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Dominican Republic region.

NNC 15 22:35:20.8,3,39'25N,76'09E,h14km,17km,mb3.8,
mpv3.4,7C-2D,Error ellipse: s-maj=22.0km
s-min=18.7km az=3.0,Southern Xinjiang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Xinjiang region.

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Table with columns: SATY, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the 2020 DEC period.

BUI 15 22:43:04.1,15'31S,167'92E,h120km,mb5.2/15,
mb5.1/62
NOU 15 22:43:05.7,15'60S,167'78E,h126km,mb4.9/52,
Vanuatu Islands
GFZ 15 22:43:05.5,0.3,16'S,4'x16'E,1,h122km,M5.0/41,
mb5.1/41,confirmed
NEIC 15 22:43:05.9,2.5,15'64S,0'07,167'78E,0'09,h120km,3km,
mb5.1/73,Error ellipse: s-maj=14.0km s-min=7.5km
az=55.0
MOS 15 22:43:06.3,0.9,15'47S,167'53E,h132km,mb5.1/21,
Error ellipse: s-maj=12.0km s-min=8.9km az=134.7
IDC 15 22:43:07.0,1.6,15'67S,167'72E,h135km,12km,
mb4.5/20,mbtmp4.9/21,MS3.5/6,Error ellipse:
s-maj=17.6km s-min=11.0km az=90.0
ISC 15 22:43:06.7,0.4,15'63S,0'04,167'70E,0'05,h135km,2km,
h135km:pp-P,n478,e1812/515,mb5.0/114,49C-13D,
Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the 2020 DEC period.

740

Table with columns: LBZ, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the 740 period.

741

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BBJI Bungbulang, NACB Ninganchiao, SSSLB Suanglung, etc.

2020 DEC

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HHC Chengdu, HIA Hailar, HIA Hailar, etc.

15d 22h

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VNA2 Neumayer-Watz, WMQ Urumqi, VNA1 Neumayer-Stat, etc.

Table with columns for station name, coordinates, and other parameters. Includes stations like GALF, PLAC Placanca, VAE Valguarnera, RAFF Raffo Rosso, etc.

Table with columns for station name, coordinates, and other parameters. Includes stations like SOLUN San Nicola del LADO, CELI Celico, CORL Corleone, CET2 Cetrarò, etc.

Table with columns for station name, coordinates, and other parameters. Includes stations like VLS Ischitella (FG), AMUR Altamura, AMUR Palazzo San Ge, etc.

IDL 22:59:31.5-4.5, 40.01N, 141.08E, h0km, mb3.6/1, mbtmp3.5/4, ML3.1/3, Error ellipse: s-maj=65.2km, s-min=21.5km az=88.0

JMA 15 22:59:35.2±0.0, 39.98N, 0.09, 140.8E, 0.1, h5km, MV3.1/20, NORTHERN AKITA PREF

ISC 15 22:59:34.5±0.9, 40.03N, 0.04, 140.95E, 0.04, h15km, n12, r0571/16, Eastern Honshu

Table with columns for Code, Station Name, Delta^s, Az^z, Phase ID, Time, Res, and ISC. Includes stations like JSZI Iwateshizukui, JAH Hinai, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like BOLP Bolinao, BSSI Bau Bau, BAKI Blak, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like UGM Wanagana, YOGI Yogyakarta, HKPS Hong Kong Po S, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like MNAI Manna, MNAI Manna, KSI Kapahiang, etc.

747

2020 DEC

15d 23h

Table with columns: Station Name, Frequency, Mode, Band, etc. Includes stations like HHC, AUNRC, JTM, VLA, etc.

Table with columns: Station Name, Frequency, Mode, Band, etc. Includes stations like ERM, STKA, BNK, RKG, etc.

Table with columns: Station Name, Frequency, Mode, Band, etc. Includes stations like H11N1, H11N2, H11N3, etc.

15d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NTLH Newcastle Hard, SONM Songino Array, SYDH Sydney Hard Ro, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like JHNI Jhansi, AKL Akola, MARNC Mare, Loyalty, etc.

748

Table with columns for station name, frequency, power, and other technical details. Includes stations like PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, etc.

Table containing flight data for the left side of the page, including columns for airline (e.g., TDK, AAA, MA2), destination (e.g., Taldyqorghan, Alma-Ata), time, status, and other flight details.

Table containing flight data for the center of the page, including columns for airline (e.g., SMY, MSZ, JCC, JAZ, DCZ), destination (e.g., Shyma, Milford Sound, Jackson Bay), time, status, and other flight details.

Table containing flight data for the right side of the page, including columns for airline (e.g., BORK, BORK, BORK, MCQ), destination (e.g., comp-Z,242nm,1.1s, Maacquarie Is), time, status, and other flight details.

15d 23h

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like AB31 Akbulak array, RBK Mahe Island, MZWR Muzeza, etc.

2020 DEC

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like H18K Honhosa River, CHIR Chirikof Island, OZAP Van, Ozalp-Mer, etc.

750

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like VSR Frankin Bluff, KELT Kelik, LPSR Galich ya Gora, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like BCAR Beaver Creek A, PPT Papeete, PPT2 Papeete2, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like KKUL Konya-Kulu, ANTO Ankara, ANTO Ankara, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like BIZ Biaz, STEI Steigen, NEHR Nehou, etc.

15d 23h

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like BUD, STEB, MARUSKA, DOMB, MORC, etc.

2020 DEC

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like CLL, SOKA, GORTI, KHC, MOA, etc.

752

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like MOTA, KASTH, RETA, KHBM, NVL, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Lists various stations like NBPA, LPAZ, LPAB, etc.

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like URZ, ASAR, WRA, etc.

16d 1h 16.00:00:06.2, 0.8, 13.02N:123.78E, h0km, mb4.1/12, mbmp3.9/3, ML3.5/1, Error ellipse: s-maj=74.7km, s-min=37.2km, az=120.0, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like MMHP, GOP, PLP, etc.

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like WBO, WRAB, WRA, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Lists stations like H11S1, H11S2, H11N1, etc.

16d 1h 16.00:16:33.2, 3.6, 4.99N:124.94E, h44km, 33km, mb3.6/6, mbmp3.9/6, Error ellipse: s-maj=72.8km, s-min=17.8km, az=67.0

MAN 16.00:16:33.0, 5.36N:125.49E, h3km, MS3.5, NEIC 16.00:16:33.4, 2.1, 5.03N:106.125, 3E:0.1, h35km, 2km, mb4.2/10, Error ellipse: s-maj=18.1km, s-min=8.0km, az=251.0

ISC 16.00:16:32.5, 0.9, 5.10N:106.125, 3E:0.1, h39km, 3km, n31, az=201/36, mb4.1/11, Mindanao

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like GSPH, KCP, DAV, etc.

16d 1h 16.00:22:02.0, 8.1, 13.02N:123.78E, h0km, mb4.1/12, mbmp3.9/3, ML3.5/1, Error ellipse: s-maj=74.7km, s-min=37.2km, az=120.0, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like ASAR, WRA, WRB, etc.

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like WBO, WRAB, WRA, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Lists stations like AGPR, PCDR, H11N1, etc.

16d 1h 16.00:16:33.0, 5.36N:125.49E, h3km, MS3.5, NEIC 16.00:16:33.4, 2.1, 5.03N:106.125, 3E:0.1, h35km, 2km, mb4.2/10, Error ellipse: s-maj=18.1km, s-min=8.0km, az=251.0

ISC 16.00:16:32.5, 0.9, 5.10N:106.125, 3E:0.1, h39km, 3km, n31, az=201/36, mb4.1/11, Mindanao

16d 1h 16.00:22:02.0, 8.1, 13.02N:123.78E, h0km, mb4.1/12, mbmp3.9/3, ML3.5/1, Error ellipse: s-maj=74.7km, s-min=37.2km, az=120.0, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like GSPH, KCP, DAV, etc.

16d 1h 16.00:22:02.0, 8.1, 13.02N:123.78E, h0km, mb4.1/12, mbmp3.9/3, ML3.5/1, Error ellipse: s-maj=74.7km, s-min=37.2km, az=120.0, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like ASAR, WRA, WRB, etc.

Table with columns: Code, Station Name, Time, Res, Code. Lists stations like WBO, WRAB, WRA, etc.

BUI 16.01:28:05.7, 42.64N:144.22E, h58km, mb5.2/23, mb5.1/79, MS4.4/22, M5.7/42, Error ellipse: s-maj=5.3km, s-min=3.8km, az=111.3

16d 1h

Table with columns: YAK, comp=N,765nm,3.5s, smax, smax, 21.21 341, P, P, 01 32 49.1 +1.2, etc.

2020 DEC

Table with columns: RDOG Red Dog Mine, 37.49 29, P, Iamb, P, 01 35 14.3 -0.7, etc.

756

Table with columns: KURBB, comp=Z,0.8nm,0.3s,baz=74,slow=14,SNR=5.0, S, S, 01 42 39.3 -3.4, etc.

757

2020 DEC

16d 1h

Main data table containing station call signs, frequencies, and various status indicators. The table is organized into columns for station name, frequency, and other parameters. It includes a wide variety of stations such as CHM, KULM, ARTI, NOR, AB31, etc., with their respective details.

16d 1h

2020 DEC

758

Table of astronomical observations for 16d 1h, listing sources like KIEV, AKZ1, ANNA, etc., with columns for RA, DEC, and other parameters.

Table of astronomical observations for 2020 DEC, listing sources like MORC, KRLC, VOIR, etc., with columns for RA, DEC, and other parameters.

Table of astronomical observations for 758, listing sources like GAL1, SCHO, ANMO, etc., with columns for RA, DEC, and other parameters.

Table of seismic stations with columns for station name, coordinates, and other parameters. Includes stations like NKME, KOME, RAFF, etc.

Table of seismic events with columns for event name, magnitude, time, location, and other parameters. Includes events like NC602, ESK, FINES, etc.

Table of seismic stations with columns for station name, coordinates, and other parameters. Includes stations like HUIG, TUIG, NEUV, etc.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like KRBN Karaburun, EAGZ Marmaro, NAZL Nazilli-Aydin, etc.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like JMA, IDC, ISC, and ATHU.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like JAHB Aomorihagishid, MJAR Matsuhiro Arr, DAV Davaco (W), etc.

NEIC 16 02:42:37.2t.1.0, 21.07S:0.05:68.1W:0.1, h185km, 6km, mb4.3/6, ML3.8(GUC), Error ellipse: s-maj=18.2km s-min=7.8km az=89.0

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

ISC 16 02:42:37.8t.0.6, 21.07S:0.04:67.93W:0.06, h181km, gkm, n70, t1521/94, 6C-4D, Chile-Bolivia border region

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like AF01 IPOC Station P, AF07 IPOC Station P, etc.

ISC 16 02:41:47.5t.1.1, 41.75N:0.08:142.62E:0.07, h101km, n13, t2527/11, mb3.8/4, 4D, Hokkaido region

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like MACA Manacapurur-AM, PLCA Paso Flores, SMTB Santa Maria do, etc.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like BOAV Boa Vista, SJCC San Jacinto, EJCR Experimental S, etc.

MW4.1 GFZ 16 02:51:29.7t.0.1, 20.2S:2.6*9W:1, h120km, M4.2/18, mb4.2/18, confirmed GUC 16 02:51:30.7t.0.8, 19.70S:68.79W, h127km, 3km, ML4.2, Presumed earthquake NEIC 16 02:51:30.1t.1, 9.19S:74S:0.05:68.77W:0.08, h123km, 4km, mb4.2/18, Mw4.3(GUC), Error ellipse: s-maj=10.6km s-min=7.0km az=81.0 VAO 16 02:51:31.6t.0.4, 19.57S:68.43W, h123km, mb4.3, Presumed earthquake IDC 16 02:51:32.0t.1.9, 19.59S:68.51W, h138km, 1.7km, mb3.8/9, mb4.2/14, Error ellipse: s-maj=20.9km s-min=14.9km az=74.0

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like G001 Chusmiza, G001 Chusmiza, etc.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like G001 IPOC Station P, G001 IPOC Station P, etc.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like G001 Chusmiza, G001 Chusmiza, etc.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, etc.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, etc.

Table with columns for station name, code, station name, Azimuth, Phase ID, Time, and Residual. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

16d 3h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes. Includes stations like PB03, PB06, AF01, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes. Includes stations like 553A, WWT, TXAR, etc.

762

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes. Includes stations like LANU, ARCES, HFS, etc.

BER 16 02:54:02.9:3.4, 72.64N:3.58E, h10km, Mw3.9, Confirmed Earthquake

ISC 16 02:54:00.0:1.0, 72.63N:0.07:4.08E:0.08, h10km, n26, <269/30, Norwegian Sea

BER 16 03:19:30.8:2.7, 72.24N:0.13E, h0km:758km, Mw3.9, Confirmed Earthquake, Norwegian Sea

NEIC 16 03:48:48.8:0.9, 17.5S:0.1:178.54W:0.09, h568km:10km, mb4.6/16, Error ellipse: s-maj=2.1km s-min=6.2km

IDC 16 03:48:49.5:1.8, 17.5S:0.1:178.54W:0.09, h562km:20km, mb3.1/8, mbtmp3.9/9, Error ellipse: s-maj=37.5km s-min=18.1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSFV Nonsavu, MSX Nonsavu, MZAZ Matakai Point, etc.

NOU 16 04:10:22.7, 10:52S:161:36E, h4km, Mlv4.8/1.8, Solomon Islands

NEIC 16 04:10:25.0±0.8, 10:35S:01:161:50E:0.1, h59km, 8km, mb4.4/23, Error ellipse: s-maj=18.8km s-min=9.8km az=220.0

IDC 16 04:10:25.9±5.1, 10:43S:161:46E, h75km, 47km, mb4.0/11, mbmp4.3/13, ML4.2/2, MS3.4/7, Error ellipse: s-maj=23.9km s-min=21.9km az=133.0

ISC 16 04:10:24.6±0.5, 10:47S:0:05:161:53E:0.05, h61km, n65, c1548/63, mb4.4/22, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HURO Huro Makira, HNR Huro Makira, etc.

Table with columns: MTN, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Manton Dam, FAK FAK, KNRA Kununurra, etc.

IDC 16 04:14:52.3±0.7, 9:23S:113:87E, h0km, mb3.9/9, mbmp4.0/11, ML3.6/2, MS3.1/5, Error ellipse: s-maj=20.7km s-min=13.4km az=52.0

DJA 16 04:14:59.1±0.4, 9:35S:113:44E, h10km, M4.4/20, mb3.7/1, mbmp4.4/22, ML4.6/2, MS3.2/6/1

NEIC 16 04:15:00.8±1.3, 9:32S:0:07:113:97E:0.06, h63km, 5km, mb4.1/13, Error ellipse: s-maj=10.6km s-min=8.8km az=159.0

ISC 16 04:15:56.0±5.9, 9:49S:0:05:113:69E:0.04, h26km, n62, c1571/64, mb4.2/14, MS3.0/3, South of Jawa

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

Table with columns: FORT, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai, CMAR, STKA, etc.

SJA 16 04:16:57.4±0.7, 29:27S:72:50W, h26km, 8km, ML3.3, MW3.6

GUC 16 04:16:58.4±0.7, 29:29S:72:62W, h77km, 7km, ML3.6, MW3.6

ISC 16 04:16:59.2±3.4, 29:25S:0:04:72:76W, h10km, 0.10, h12km, 23km, n25, c1566/45, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Fray Jorge, AC06, AC04, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Flores, Estanzuela, Esquipulas, Huehuetenango, etc.

Table with columns: KAIM, Kayak Island, 1.07 235, Pn, 04 25 13.1 +0.2, etc. Rows include Kayak Island, Mount Upton, Pinnacle, etc.

Table with columns: K27K, Chicken, 3.50 4, IAML, 04 26 46.8, etc. Rows include Chicken, Donnelly Dome, Skiaik Lake, etc.

ISC 16 04:24:49.6:0.8, 60.36N, 142.69W, h0km, mb3.6/5, mbmp3.6/10, ML3.3/5, MS3.5/3, Error ellipse: s-maj=12.3km s-min=9.7km az=3.0

HIN HIN comp=E, 478nm, 0.7s 1.90 267 Pn IAML 04 25 52.9 +0.5

IL31 ILAR Eielson Array 4.65 337 Pn Pn 04 26 03.4 +1.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include Barkley Ridge, Tana Glacier, Cirque, etc.

Table with columns: HARP, HARP, 2.20 328, IAML, 04 26 06.9, etc. Rows include HARP, Montague Island, etc.

Table with columns: J30M, J30M, 4.99 33, Pn, 04 26 09.3 +2.5, etc. Rows include Hart River, Miner Creek, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like DLBC, WRAL, MGLS, H21K, L16K, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like YKA, YKA, YKA, etc.

TEH 16 04:27:14.9, 27.32N, 54.13E, h5km, ML3.2, Presumed earthquake
DSN 16 04:27:21.9, 1.7, 26.66N, 53.75E, h10km, ML2.6/5, Error ellipse: s-maj=27.9km s-min=12.7km az=60.0

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like KHLI, JHRM, BNDS, etc.

JMA 16 04:57:55.5, 0.1, 24.0N, 122.33E, 0.3, h26km, 3km, MV3, 1/14, TAIWAN REGION
TAP 16 04:57:56.0, 24.10N, 122.24E, h23km, ML3.7, C
ISC 16 04:57:55.0, 9, 24.06N, 0.02, 122.27E, 0.02, h27km, 6km, n131, 0.0773/235, Taiwan region

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like TEGC, Jichi Village, NDS, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like WJWS, ELDTW, ALS, etc.

WJWS Zhushan 1.43 261 S Sb 04 58 41.4 +2.1
ELDTW Lidau 1.44 293 S Sb 04 58 41.4 +2.1
ALS Alshan 1.45 248 I P Sb 04 58 21.5 +0.5

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like TWK, CHN1, Nanshi, etc.

ISK 16 05:03:45.7, 34.39N, 25.98E, h14km, ML2.7/10
ATH 16 05:03:45.8, 34.31N, 26.28E, h11km, 3km, ML3.1/8,
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
The 16 05:03:47.9, 34.3N, 26.6E, h0km, 5km, ML2.9/8, 9/8
AFAD 16 05:03:56.7, 34.97N, 26.69E, h7km, 3km, ML2.5
ISC 16 05:03:45.1, 7, 34.43N, 0.08, 26.29E, 0.04, h10km, n33, 0.221/48, Crete

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like ZKR, Zakros, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like GAVS, Gavdos, etc.

KRNET 16 05:05:33.0, 1.4, 42.97N, 77.51E, h21km, mb2.2
NNC 16 05:05:34.5, 0.8, 42.92N, 77.47E, h0km, mb2.1, mpv2.6,
Error ellipse: s-maj=8.4km s-min=2.8km az=3.0

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and ISC. Includes stations like ANVS, Ananyev, etc.

SOME 16 05:05:35.5, 43.00N, 77.47E, h10km
ISC 16 05:05:34.5, 9, 42.93N, 0.03, 77.52E, 0.02, h14km, 7km, n20, 0.057/40, BC-10D, Lake Issyk-Kul region

Table with columns: UZB, Uzynbulak, 1.13 78 P, Pn, 05 05 56.6+0.6, etc.

KRNET 16 05:39:55.1, 41.87N, 80.37E, mb3.0
SOME 16 05:39:55.1, 41.80N, 80.42E, h10km
NMC 16 05:39:56.2, 41.80N, 80.24E, h0km, mb3.1, mpv3.0,

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

UCR 16 05:48:05.7, 0.4, 7.81N, 82.97W, h15km, 5km, MW3.5,
Presumed earthquake
PTA 16 05:48:07.2, 0.8, 7.89N, 82.93W, h18km, 1km, MW3.3,

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

Table with columns: MLIR3, Monte Lirio, C, 0.96 6 eP, Pn, 05 48 24.3+0.7, etc.

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

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

Table with columns: AKUT, Akutan, 3.44 284 P, Pn, 05 50 17.2, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like I28M Miner Creek, P32M Atlin, BMAH Burnt Mountain, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like TIN Tinemaha, FFC Flin Flon, BLKN Baker Lake, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like PV23 Carpenter Ridg, PV10 Paradox Valley, PV14 Liolo Creek, etc.

16d 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NOR, R32A, PH02, etc.

2020 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CN2, NR1K, NR1K, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Y45A, R50A, O52A, etc.

16d 5h

2020 DEC

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Table with columns for station name, frequency, power, and signal strength. Includes stations like SAVO Central Copenhagen, GYA Guiyang, SHLS Shalkode, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like GPK Gorka Kiasztor, ELMS Elmset, EKS2 Erkin-Say, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like BRG Berggiesshubel, BRG Kiev, KSH2 Kashi, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like San Juan, Kolonije sedl, Cesky Krumlov, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SOKA, CJR Cluj-Napoca, MARR Marisel-Cluj, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like HARR Harsova, HERR Herculanu, MDV Moldova, etc.

Table of meteorological data for 16d 6h, including stations like Ana Tenorio, Macarena, Matesera, etc., with columns for time, location, and various parameters.

Table of meteorological data for 2020 DEC, including stations like Cobar Meteorol, Manacapuru-AM, Stephens Creek, etc., with columns for time, location, and various parameters.

Table of meteorological data for 772, including stations like Port Moresby, Nanjing, Tennant Creek, etc., with columns for time, location, and various parameters.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Juan Fernandez, Rapa Nui, La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bocatomá Ro, Combarbal, Las Melosas, etc.

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

IDC 16 06:50:36.8±0.7, 32.77S:72.23W, h0km, mb3.9/7, mbmp3.8/12, ML3.8/5, MS4.1/3, Error ellipse: s-maj=17.4km s-min=13.5km az=117.0 SJA 16 06:50:38.1±0.7, 32.87S:72.09W, h28km, 2km, h4.0, MW4.4

NEIC 16 06:50:38.9±1.5, 32.86S:0.04E:72.02W±0.06, h10km±1km, mb4.3/9, ML3.9(GUC), Error ellipse: s-maj=8.8km s-min=6.3km az=253.0

GUC 16 06:50:40.4±0.8, 32.85S:71.98W, h27km±8km, ML3.9, Presumed earthquake

ISC 16 06:50:38.6±1.3, 32.82S:0.02E:72.07W±0.04, h14km±7km, n125, r125/144, mb4.2/10, MS3.8/3, 5C-1D, Off coast of central Chile

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Torpederas, Curacav, El Roble, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like El Pedregal, Espallata, Leocito, etc.

IDC 16 07:15:22.7±1.3, 22.74S:179.09W, h0km, mb3.9/5, mbmtmp3.9/5, Error ellipse: s-maj=44.3km s-min=30.2km az=144.0, South of Fiji Islands

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

MAN 16 07:26:04.0±1.5, 15N:125.31E, h16km, MS3.5, IDC 16 07:26:10.5±2.5, 5.12N: 125.40E, h94km, 2km, mb3.4/6, mbtmp3.7/6, Error ellipse: s-maj=45.0km s-min=16.6km az=68.0

ISC 16 07:26:01.5±0.9, 5.08N:0.06E:125.2E±0.1, h10km, n12, r146/17, mb3.6/6, Mindanao

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kidapawan, Davao City, Bislig, etc.

IDC 16 07:32:29.7±1.8, 23.66N:122.57E, h0km, mb3.5/6, mbtmp3.6/6, MS3.5/2, Error ellipse: s-maj=55.9km s-min=27.9km az=70.0

TAP 16 07:32:32.9±1.2, 23.54N:102.122E±1.1E, 0.04, h13km±8km, n113, r097/170, mb3.5/6, Taiwan region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Jichi Village, Shoufeng, Yanliu Villag, etc.

16d 7h

Table listing station names and various parameters like EHD, WVDT, EDH, EDH, etc. Includes stations like Haiduan, Donghe, Nanau, Renai, etc.

2020 DEC

Table listing station names and various parameters like Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like VA01 Torpederas, ROCH El Roble, MT02 Curacav, etc.

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Table listing station names and various parameters like GO05 comp=N,2um,1.0s, Hualane, Sierra Bellavi, etc. Includes stations like Hualane, Sierra Bellavi, Sierra Bellavi, etc.

ISC 1607:58:53.0-6.3, 27:78S:71:91W, h0km, mb4.2/9, mtbpm4.1/14, ML4.0/5, MS3.77, Error ellipse: s-maj=15.7km s-min=12.9km az=123.0, SJA 1607:58:53.0-0.7, 32:86S:72:16W, h18km, mb4.1, M4.4, MW4.4

VA0 1607:58:54.2-1.2, 32:75S:71:95W, h10km, mb4.4, Presumed earthquake NEIC 1607:58:55.5-3.6, 32:85S:0:03, 72:00W:0:07, h14km, 4km, mb4.5/18, ML4.3(3/10), Error ellipse: s-maj=8.0km s-min=3.9km az=89.0

Table with columns: Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like Turiamo, Belin, Uribia, Colomb, Tcata, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like FREYUNG INFRAS, KESRA INFRASOM, DUBNA INFRASOM, AKTYUBINSK INFRASOM.

TRN 16 09:50:34.5, 17:70N:65:84W, h40km, MD0.0, Near South of Puerto Rico.

SDD 16 09:50:35.9:3.6, 17:99N:65:53W, h0km:17km, MD3.3, ML3.4, MW3.2, Presumed earthquake

RSRP 16 09:50:36.3:0.9, 17:97N:65:49W, h19km:5km, MD3.4/12

NEIC 16 09:50:36.3:0.9, 17:82N:0:05:65:70W:0:04, h16km:2km, ML3.5/47, MD3.4/12(RSPR), Error ellipse: s-maj=9.1km s-min=3.3km az=210.0

ISC 16 09:50:35.2:1.2, 17:85N:0:07:65:58W:0:03, h19km:3km, n55, e1935/80, 14C-10D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like Col San Antoni, Patillas Dam, InterUniversit, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like Saint Kitts, Isla Saona, Broadband at M, etc.

NEIC 16 10:05:27.7:0.9, 18:3N:0:3:64:82W:0:05, h133km:14km, ML3.0/33, MD3.8/8(RSPR), Error ellipse: s-maj=45.4km s-min=6.1km az=184.0

RSRP 16 10:05:30.4, 18:27N:65:01W, h132km:1km, MD3.8/8

ISC 16 10:05:26.2:2.2, 18:4N:0:3:64:82W:0:05, h145km:19km, n27, e111/41, 8C-3D, Virgin Islands

Main table for Virgin Islands with columns: Code, Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like Col San Antoni, Patillas Dam, InterUniversit, etc.

AFAD 16 10:21:42.4, 37:75N:27:08E, h4km:1km, ML2.6

ISK 16 10:21:42.3, 37:75N:27:10E, h7km, ML2.6/18

THE 16 10:21:42.8, 37:8N:0:9:27:1E:0:9, h2km:2km, M2.77, MLh2.7/7

ISC 16 10:21:42.8:0.8, 37.76N:0:02:27.09E:0:02, h9km:6km, n42, e048/69, Turkey

Main table for Turkey with columns: Code, Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like GZzelcam?, Kusaladi-Aydin, Samos, Aydin, Didim, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like Izmir, Urla-Ze, Milas, Bodrum, Izmir, etc.

comp=E,239nm,0.3s

comp=N,211nm,0.5s

comp=N,106nm,0.4s

comp=N,173nm,0.7s

comp=N,106nm,0.4s

comp=N,106nm,0.4s

comp=N,106nm,0.4s

comp=N,106nm,0.4s

comp=N,106nm,0.4s

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comp=N,106nm,0.4s

comp=N,106nm,0.4s

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SANI Sanana, SANI Sanang, SANI Sorong, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MJAR Matsushiro Arr, MJAR Matushiro Arr, MJJB Matsu-Tunnel, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NIL Nilore, SATY Saty, KPKS Kopek, etc.

16d 11h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AK08 Malin Array Si, AK10 Malin Array Si, AK03 Malin Array Si, AKASG Malin Array Be, etc.

NOU 16 10:31:41.5, 17:94S:175:10W, h491km, mb4.6/14, Tonga Islands

NEIC 16 10:32:16.8±0.9, 20°25.0'±1.78°3W.0°1', h610km, 7km, mb4.4/50, Error ellipse: s-maj=21.2km s-min=12.9km az=126.0

IDC 16 10:32:18.2±1.4, 20°08S:178:60W, h622km, 16km, mb3.7/16, mbmp4.6/18, Error ellipse: s-maj=14.0km s-min=12.5km az=128.0

ISC 16 10:32:15.7±0.4, 20°12S:008:178:30W±0.08, h602km, n136, c151/126, mb4.3/42, IC-4D, Fiji Islands region

Main table for 16d 11h section, listing station codes, names, coordinates, and other parameters. Includes stations like MSFV Nonsavu, MSFV Nonsavu, AFU Fugatoga, etc.

2020 DEC

Main table for 2020 DEC section, listing station codes, names, coordinates, and other parameters. Includes stations like VVDA Vanda, KKM Kota Kinabalu, JGF Kuroka, etc.

778

Main table for 778 section, listing station codes, names, coordinates, and other parameters. Includes stations like n33, c0558/59, Turkey, GCAM G?zelcam?, etc.

TAP 16 11:04:03.0, 23°98N:122°46E, h24km, ML3.1, D JMA 16 11:04:03.1±0.2, 24°N±1°122°5E:0.7, h23km, MV2.5/12, NW OFF ISHIGAKIJIMA IS

ISC 16 11:04:03.0±1.0, 23°98N:0°03:122°48E±0°02, h28km±8km, n76, c055/130, Taiwan region

Table for 778 section, listing station codes, names, coordinates, and other parameters. Includes stations like E0S4 E0S4, E0S3 E0S3, E0S2 E0S2, etc.

AFAD 16 10:53:59.5, 37°76N:27°11E, h10km, 2km, ML2.5 THE 16 10:53:59.8, 38°N±2°2'E, h8km, 3km, M2.5/6, MLh2.5/6 ISK 16 10:53:59.7, 37°74N:27°11E, h8km, ML2.7/11 ISK 16 10:53:60.0±0.8, 37°75N:02°22'10E:0.02, h10km±6km,

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NACB Ninganchiao, TWC Suao, SHUL Shoufeng, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LANU Lannavaara, KIF Kilpisjarvi, PAJU Pajala, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, VANDA Vanda, VNSA VNSA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HEL 16 11:12:40.9, OBFA OBFA, OBFB OBFB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HEL 16 11:36:29.6, MXZ Matakoa Point, WMGZ Waionatatin S, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CATAC 16 11:48:44, BARC Barichara, BRJC Barrancabermej, etc.

16d 12h

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes entries for MACC Macarena, URIC Urbibia, URIC Terapaima, etc.

SJA 16 11:52:06.4, 0.7, 38.19S; 74.19W, h26km, 8km, ML4.2, MW3.9

IDC 16 11:52:10.0, 1.1, 38.07S; 73.57W, h0km, mb3.9/5, mbtmp3.9/7, ML4.1/2, MS3.5/7, Error ellipse: s-maj=36.7km

NEIC 16 11:52:12.5, 3.3, 38.20S; 73.57W, h1.7km

NEIC 16 11:52:12.1, 3.3, 38.20S; 0.05; 73.63W; 0.10, h18km, 4km, mb4.2/14, Mw1.4, 0.28, ML4.2(GUC), Error ellipse: s-maj=11.1km

GUC 16 11:52:15.0, 0.7, 38.33S; 73.53W, h9km, 7km, ML4.2, Presumed earthquake

ISC 16 11:52:13.0, 0.9, 38.26S; 0.03; 73.59W, 0.04, h28km, 7km, n101, 1.1, 32.11, 110, m4.1B, MS3.6/5, 1C, Near coast of central Chile

Main station list table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like B104 Isla Mocha, LC01 Curco, LR02 Universidad A, etc.

2020 DEC

Main station list table for 2020 DEC with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like H03S3 Juan Fernandez, VA04 Juan Fernandez, etc.

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Main station list table for 780 with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like ALAN Denizli, Cael Sabunlu, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KSH2, KSH2, KSHL, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like AKTO, Aktubynsk, ZAAO, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like F31M, WRAB, YKAW3, etc.

IDC 16:13:09:44.0.0.7.57:85S:25:16W, h0km, mb4.3/8, mb1mp4.3/8, MS3.4/2, Error ellipse: s-maj=31.9km s-min=19.8km az=76.0

NEIC 16:13:09:49.9.1.5.58:0S:0.1:25:2W:0.2, h35km, 1km, mb4.5/15, Error ellipse: s-maj=19.9km s-min=13.3km az=57.0

ISC 16:13:09:50.1.0.5.57:90S:0:09:25:2W:0.1, h40km, n45, o0584/42, mb4.4/11, MS3.4/3, SD, South Sandwich Islands region

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like HOPE, VNA1, VNA3, etc.

16d 14h

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

2020 DEC

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

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

MOS 16 13:14:54.6; 1.7, 46.87N; 152.84E, h57km, mb4.2/5, Error ellipse: s-maj=11.9km s-min=7.7km az=67.1

SKHL 16 13:14:54.1; 0.2, 46.70N; 153.00E, h64km; 5km, mb5.0/5 JMA 16 13:14:57.2; 0.8, 46.7N; 153.1E; h30km, MV4.6/19, KURILE ISLANDS REGION

IDC 16 13:14:59.2; 3.4, 46.96N; 152.69E, h78km; 20km, mb3.6/18, mblmp=0.24, MS3.774, Error ellipse: s-maj=19.3km s-min=12.4km az=139.0

ISC 16 13:14:53.7; 0.6, 46.63N; 153.05E; 0.07, h40km, n78, o180/80, mb3.9/19, MS3.4/4, 7C-1D, Kuril Islands

IDC 16 13:56:30.7; 1.6, 36.91N; 73.32E, h0km, mb4.0/4, mblmp=3.89, ML3.2/5, MS2.8/1, Error ellipse: s-maj=35.1km s-min=26.1km az=80.0 NEIC 16 13:56:31.2; 2.3, 36.88N; 073.3E; 0.1, h10km; 1km, mb4.3/15, Error ellipse: s-maj=13.6km s-min=9.7km az=268.0 NNC 16 13:56:33.5; 10.0, 36.54N; 73.17E, h113km; 207km, mb3.1, mpv3.8, Error ellipse: s-maj=86.7km s-min=74.6km az=176.0 ISC 16 13:56:35.5; 0.6, 37.02N; 0.06; 73.12E; 0.07, h35km, n59, o195/61, mb4.2/12, 2C-2D, Tajikistan

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

IGIL 16 14:05:34.8; 36.42N; 11.32W, h29km, ML1.9 INMG 16 14:05:34.7; 1.7, 36.50N; 11.43W, h32km; 29km, ML1.9, Error ellipse: s-maj=25.2km s-min=8.9km az=68.0, #DIST RANGE: REGIONAL #IPMA REGION: Gorringe CNRM 16 14:05:40.2; 35.91N; 11.06W, h35km, ML3.0

ISC 16 14:05:30.2; 1.3, 36.38N; 0.04; 11.5W; 0.1, h35km, n26, o28/47, Azores-Cape St. Vincent Ridge

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

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16d 15h

Table with columns for MORF, station name, time, and coordinates. Includes entries like MORF Marnele, Sao Teotonio, Minas do Lousa, Barranco-do-Ve, etc.

Table with columns for PB11, IPOC Station P, PSCGX, Pisagua, etc., including time and coordinates.

Table with columns for TYC, YULB, YULI, etc., including time and coordinates. Includes entries like YULB Yu-li, Xinyi Township, Fulu, Ta-pu, etc.

SJA 16 14:13:05.0-1.4, 21.90S:68.82W, h131km, 7km, ML3.5, MW3.6

GUC 16 14:13:06.8-0.7, 21.91S:68.72W, h119km, 4km, ML3.6, Presumed earthquake

ISC 16 14:13:04.6-1.5, 21.93S:0.03:68.9W, h142km, 9km, n31, c1522/55, 8C, Chile-Bolivia border region

TAP 16 14:20:20.9, 24.89N:122.47E, h17km, ML3.6, C

JMA 16 14:20:21.1-0.2, 24.9N:0.6:122.5E:0.3, h2km, 2km, MV2.79, NW OFF ISHIGAKIJIMA IS

ISC 16 14:20:21.4-1.0, 24.86N:0.03:122.47E:0.02, h22km, 7km, n82, c062/127, Taiwan region

WEL 16 14:57:18.3-1.4, 35.5S:21.179E:3.2, h268km, 17km, M3.6, 2, ML3.2, 7, MLV3.6, 2, Error ellipse: s-maj=48.5km

DJA 16 15:06:18.0-0.3, 3.3S:13.3E, h10km, M5.0/13, mB5.2/4, mB5.1/4, MLV5.0/13, Mw(mB)4.6/4

IDC 16 15:06:19.6-0.8, 2.84S:133.83E, h36km, 6km, mb3.9/7, mbtmp4.3/10, ML4.7/4, MS3.3/14, Error ellipse: s-maj=17.9km s-min=13.4km az=47.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes various station names and codes.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes various station names and codes.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes various station names and codes.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like KHZ, SONMI, MKAR, etc.

IDC 16:53:20.9-4.0, 15.97NK:98.71W, h0km, mb3.74, mbtmp3.6/6, ML3.8/2, MS3.8/1, Error ellipse: s-maj=76.2km s-min=18.0km az=9.0

MEX 16:53:22.0-0.7, 15.89NK:98.91W, h16km, 20km, MD4.3, Presumed earthquake

NEIC 16:53:23.3-2.5, 16.10NK:0.05-98.78W:0.05, h10km, 1km, mb4.0/20, MD4.3/06(MEX), Error ellipse: s-maj=8.4km s-min=6.9km az=140.0

ISC 16:53:18.2-1.6, 15.86NK:0.05-98.87W:0.03, h2km, 9km, n115, e262/171, mb3.9/8, Off coast of Guerrero

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like PNIG, CRIG, DAIG, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like UNM, TOVM, TOVU, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like JAY, GAY, GAY, etc.

16d 16h

Table with columns for call sign, frequency, power, mode, and other technical details. Includes call signs like QLP, EIDS, KMSI, FITZ, LUWI, DAV, KAPI, WRKA, TTSI, DBNI, CMSA, SANVU, ARMA, PLAII, STKA, AUPHS, AUDCS, BKKB, MBWA, BBOO, NOUC, HTT, and HTT.

2020 DEC

Table with columns for call sign, frequency, power, mode, and other technical details. Includes call signs like DZM, KHKI, FORT, YNG, AUCAS, AUMAR, GHSS, AUMBR, JAGI, JAGI, JAGI, CAN, ARPS, MEKE, MEKE, MEKE, BRAT, AUMTO, SNJI, PCJI, KMBL, WOJII, STKI, SMRI, SMRI, SMRI, JCJ, KPJI, MORW, MORW, MORW, CMJI, KLBR, KLBR, KLBR, BLDU, AUKUL, BBJI, BBJI, BBJI, MSVF, MSVF, MSVF, NWAOW, NWAOW, NWAOW, NWAOW, NWAOW, NWAOW, NWAOW, TPUB, NACB, NACB, NACB, SSSL, YHNB, YHNB, YHNB, TATO, TATO, TATO, MDSI, KNMB, TPRI, JHUJ, LHSI, JMN, JMN, MASII, QIZ, QIZ, QIZ, INU, INU, BKNI, BKNI, BKNI, SSE, SSE, SSE, SSE, TOZ, MJAR, MJAR, MJAR.

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Table with columns for call sign, frequency, power, mode, and other technical details. Includes call signs like MJAR, MAJO, MAJO, MAJO, HIZ, PPI, QRZ, QRZ, IPM, IPM, IPM, IPM, JCZ, URZ, URZ, BSZW, RPZ, LBZ, NJ2, GULI, GULI, GULI, GULI, KHZ, AFI, TAJ, TAJ, TAJ, TAJ, CNSH, CNSH, MSWZ, RPSI, RPSI, RPSI, PSI, PSI, PSI, PSI, PSI, PSI, PSI, BFZ, BFZ, BFZ, KSAR, KSAR, KSAR, KSRS, KSRS, KSRS, KSI9, KSI9, WHN, WHN, WHN, WHN, GSI, GSI, GSI, GSI, INCN, INCN, INCN, INCN, INCN, INCN, INCN, KCSI, JTM, HJUJ, HJUJ, HJUJ, HJUJ, PVAG, PVAG, PVAG, PVAG, GYA, GYA, HHU, HHU, ENH, ENH, ENH, TIA, TIA, TIA, TIA, DL2, DL2, DL2, DL2, DL2, DL2, DL2, SUU.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LuoYang, Chiang Mai, Kamikawa-asahi, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like UGL, HHC, XLT, BTO2, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PALK, KIP, CASY, SHEM, etc.

16d 16h

SATY Saty comp=Z,61nm,1.1s 76.39 317 /P P 16 20 15.6 +0.5
SDPT Sand Point 76.98 29 P P 16 20 18.7 +0.8
KSH2 Kashi 77.01 312 P P 16 20 19.5 +0.8

2020 DEC

SKT Skwentna 84.25 26 IAMB IAMB 16 21 02.1
PPLA Purkeypile comp=Z,63nm,1.4s 84.36 25 IAMB IAMB 16 21 03.3
SUA Susana One comp=Z,49nm,1.1s 84.37 26 IAMB IAMB 16 21 07.4

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J29N Klondike Camp 90.74 25 IAMB IAMB 16 21 30.5
I29M Ogilvie Camp 90.91 24 IAMB IAMB 16 21 30.5
O30N Mendhall comp=Z,107nm,1.7s 90.93 29 IAMB IAMB 16 21 30.9

Table of astronomical observations with columns for station name, coordinates, and signal quality (Pdiff, Pmax, Pmin).

Table of astronomical observations with columns for station name, coordinates, and signal quality (pmax, pmax).

Table of astronomical observations with columns for station name, coordinates, and signal quality (PKPbc, PKPfd, PKPfc, etc.).

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like DCB Tech, LIOB Emei, WARB Fenglin Townsh, etc.

RSNC 16:32:44.6±0.0,7°N,3°7'30"W, h147km,6km,M3.4, mb4.9,mb3.8,ML3.1,Mw(mb)4.2

IDC 16:32:45.1±0.9,6.88N,73.16W, h154km,21km,M3.3/1, mbtmp4.0/3, Error ellipse: s-maj=63.3km s-min=8.7km z=131.0

ISC 16:32:44.5±1.0, 6.84N,0.03,73.15W±0.03, h156km±6km, m5.5, c1505/86, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BRJC Barrancabermej, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CBOC Ciudad Bolivar, DBBC Dabeiba, ARGC Ariguani, Magd, etc.

IDC 16:34:31.1±0.9,41°12'S,172°74'E, h163km,9km,mb3.6/4, mbtmp4.1/6, Error ellipse: s-maj=18.9km s-min=7.3km az=128.0

NOU 16:34:32.6,41°19'S,172°74'E, h184km,MLv4.5/20, South Island, New Zealand

WEL 16:34:36.3±0.9,41°5'S,173°31'E, h161km,6km,MM.5/100, MLv4.5/100, Error ellipse: s-maj=7.0km s-min=5.5km az=122.8

ISC 16:34:33.5±0.7,41°19'S,172°74'E, h191km,5km, m193, c1923/212, mb3.8/3D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MRNZ Matariki Terra, MRNZ Matariki, MOTS Motueka DOC wo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MRZ Mangatainoka R, TRWZ Traveller, WAGZ Wanganui, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MUGZ Murupura, ODZ Otahua Downs, RTZ Raatahuna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like UNV Unalaska Valle, SDPT Sand Point, OHAK Old Harbor, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like YMP comp=N,65nm,0.6s, GCMT OGNE, GYCHIFF, etc.

ISC 16 17:32:57.3±1.3,5.95S;0°10'103.32E±0°08',h38km,n18, c±190/17,mb3.77, Southern Sumatara

UZR UZR comp=N,465nm,0.4s eSg Smax Sn 17 44 22.3 +1.3 17 44 23.1

ULN Ulanbaatar 4.57 173dePn Pn 17 44 50.1 +1.1 SONM Songoing Array 4.57 179 Pn Pn 17 44 50.1 +1.1

MOS 16 17:43:39.6±1.1,52°37'N;106°30'E,h10km,mb3.9/2, Error ellipse: s-maj=8.8km s-min=6.6km az=82.9

IVK Ivanovka 1.29 243 Pn Pg Pb 17 44 03.8 -0.3 17 44 03.8 -0.3

KPC KPC comp=N,203nm,0.7s ePn Pn 17 44 50.6 -0.1 KPC Khapchergana 4.70 123 ePn Pn 17 45 05.6 -4.1

MOS 16 17:43:39.4±1.1,52°37'N;106°37'E,h0km,mb3.4/4, mbmp3.4/9,ML2.9/4, Error ellipse: s-maj=13.3km s-min=12.2km az=73.0

GORB Goryachinsk 1.36 64 ePg Pp Pp 17 44 05.3 -0.4 GORB GORB ePb Pp Pp 17 44 07.0 +1.8

YUAN Uoyan, Buryati 4.92 38 eSg Sg 17 46 14.3 -3.3 YOAB YOAB comp=E,161nm,0.4s eSg Sg 17 46 28.8

BYKL 16 17:43:40.8±0.1,52°39'N;106°23'E,h21km,2km,FELL I=III-IV MSK at Tyrgan, Yelantsy, Popova, Petrova; III at Irkutsk, Angarsk, Ulan-Ude, Shelekhov, Markova, Khmutovo.

IVK Ivanovka 1.29 243 Pn Pg Pb 17 44 03.8 -0.3 17 44 03.8 -0.3 17 44 03.8 -0.3

KPC Khapchergana 4.70 123 ePn Pn 17 45 05.6 -4.1 KPC Khapchergana 4.70 123 ePn Pn 17 45 05.6 -4.1

ISC 16 17:43:39.7±0.5,52°40'N;106°28'E±0°02',h10km,n72, c±252/135,mb3.3/5,14C-13D, Lake Baykal region

ZAK ZAK comp=N,118nm,0.2s eSg Smax Sn 17 44 25.2 +1.2 ZAK ZAK ePn Pn Pn 17 44 30.0 +0.9

YUAN Uoyan, Buryati 4.92 38 eSg Sg 17 46 14.3 -3.3 YOAB YOAB comp=E,161nm,0.4s eSg Sg 17 46 28.8

MOS 16 17:48:41.9±1.2,16°54'S;71°42'W,h73km,mb5.6/22, Error ellipse: s-maj=10.7km s-min=6.6km az=103.5

ZAK ZAK comp=N,308nm,0.4s ePn Pn Pn 17 44 24.8 +0.8 ZAK ZAK ePn Pn Pn 17 44 29.8

YUAN Uoyan, Buryati 4.92 38 eSg Sg 17 46 14.3 -3.3 YOAB YOAB comp=E,161nm,0.4s eSg Sg 17 46 28.8

MOS 16 17:48:44.2,16°55'S;71°45'W,h83km GFZ 16 17:48:44.3,16°57'S;71°43'W,h93km,Mw5.6/78, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Min-1.79, Mns-0.77, Mnt2.55, Mw0.99, Mns-1.17, Mnr-1.19;

ZAK ZAK comp=N,309nm,0.3s ePn Pn Pn 17 44 25.2 +1.2 ZAK ZAK ePn Pn Pn 17 44 30.0 +0.9

YUAN Uoyan, Buryati 4.92 38 eSg Sg 17 46 14.3 -3.3 YOAB YOAB comp=E,161nm,0.4s eSg Sg 17 46 28.8

MOS 16 17:48:45.0±0.6,16°54'S;71°38'W,h108km,mb5.6/4, Mb5.5/5, Ms7.5/2/10 NEIC 16 17:48:44.2,16°55'S;71°45'W,h83km

ZAK ZAK comp=N,309nm,0.3s ePn Pn Pn 17 44 25.2 +1.2 ZAK ZAK ePn Pn Pn 17 44 30.0 +0.9

YUAN Uoyan, Buryati 4.92 38 eSg Sg 17 46 14.3 -3.3 YOAB YOAB comp=E,161nm,0.4s eSg Sg 17 46 28.8

16d 17h

2020 DEC

Table with columns: PTBC, PUERTO BERRIO, 23.21 353, P, P, 17 53 40.4 -3.4, etc. Lists various locations and their associated data points.

Table with columns: FDFM, Morne la Roset, 32.80 19, Iamb, Iamb, 17 55 12.2, etc. Lists various locations and their associated data points.

Table with columns: JCT, Junction City, 54.18 330, Iamb, Iamb, 17 58 03.1, etc. Lists various locations and their associated data points.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like NLWA, PFVI, PGV, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like RAR, WML, SUR, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like MAW, MFF, UPNV, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, Date/Time, and other details. Includes stations like GTTG, GRC1, GRC3, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, Date/Time, and other details. Includes stations like TREC, WINA, RONA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, Date/Time, and other details. Includes stations like KUUL, FITZ, TDK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Agartala, TEZPUR, ITANAGAR, Aizawl, MOKOCHONG, etc.

IDC 16 18:09:33.5, 1.6, 12.64N, 92.52E, h0km, mb3.5/3, mbtmp3.4/4, ML3.5/1, MS4.1/4, Error ellipse: s-maj=45.9km s-min=22.8km az=67.0, Andaman Islands region

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

IDC 16 18:18:07.3, 4.6, 47.82N, 92.35W, h0km, mb2.9/1, mbtmp3.1/3, ML3.7/2, Error ellipse: s-maj=57.0km s-min=23.1km az=77.0

NEIC 16 18:18:08.3, 2.6, 47.60N, 0.05E, 92.57W, 0.05, h0km, 2km, mb_Lg3.1/9, ML3.4/28, Error ellipse: s-maj=8.3km s-min=4.7km az=25.0

ISC 16 18:18:06.2, 0.8, 47.65N, 0.04E, 92.57W, 0.04, h0km, n23, alpha150/27, Minnesota

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ely, The Farm, Brul, Experimental L, Agassiz Nation, etc.

GUC 16 18:28:25.1, 0.7, 17.05S, 71.82W, h72km, 10km, ML3.7, 1C-6D, Presumed earthquake, Near coast of Peru

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

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

SJA 16 18:37:45.3, 0.7, 30.71S, 71.56W, h31km, 2km, ML4.3, MV4.3

GUC 16 18:37:47.3, 0.7, 30.74S, 71.42W, h52km, 3km, ML4.6, Presumed earthquake

NEIC 16 18:37:47.5, 0.8, 30.75S, 0.04E, 71.40W, 0.04, h54km, 4km, mb4.7/20, Mw4.3/35, Mw4.2(GUC), Error ellipse: s-maj=6.6km s-min=4.7km az=201.0, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mr=1.42; Mw=1.20; Mss=0.23; Mss=0.38; Mss=0.49; Mss=3.39; Fault plane solution: Ms3.69000, 1015 N1; p=292.66000, delta13.79000, lambda=143.83000. N PZ=167.28000, delta191.0000, lambda=78.79000. Principal axes: T 3.0935, Azm36.0000, Azm248.0000; N 0.9960, P1g11.0000, Azm346.0000; P -4.0895, P1g52.0000, Azm90.0000

NEIC 16 18:37:47.5, 0.7, 30.74S, 71.40W, h54km, mb4.7/20, Mw4.3/35, Mw4.2(GUC), Error ellipse: s-maj=23.2km s-min=20.5km az=93.0

VAO 16 18:37:47.9, 0.8, 30.60S, 71.23W, h53km, mb4.3, Presumed earthquake

ISC 16 18:37:46.2, 0.6, 30.73S, 0.02E, 71.53W, 0.04, h53km, 5km, n142, alpha179/172, mb4.6/10, 13C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Fray Jorge, Combarbal, El Pedregal, Tololo, Los Peladeros, Juntas del Tor, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Villucun, Renca, Cerro Gal, etc.

Table with columns: QSPA, South Pole Qui, 59.50 180 P, 18 47 44.5 +0.9, etc.

IDA 16:18:47.19.8.3.0.2002S+174.92W,h0km,mb4.0/4, mbtimp4.0/4, Error ellipse: s-maj=85.5km s-min=49.1km az=37.0, Tonga Islands

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

SLA San Lorenzo 3.53 32 eP Pn 18 48 27.5 +2.6

Table with columns: SLA, Cerro Villucun, 3.53 32 eP Pn, 18 48 27.5 +2.6, etc.

IDA 16:19:07:52.5.0.9.4:93N:125:03E,h0km,mb3.8/5, mbtimp3.9/7,ML4.1/2,MS3.2/4, Error ellipse: s-maj=32.1km s-min=19.2km az=79.0

NEIC 16:19:07:58.6.5.04N:0:06:125:20E:0:10:h42km,5km, mb4.4/9, Error ellipse: s-maj=14.4km s-min=8.8km az=85.0

MAN 16:19:07:58.0.5:31N:125:34E,h14km,MS3.8

ISC 16:19:07:55.6:1.5.5:13N:0:05:125:13E:0:07:h26km,13km, n32,e200/37,mb4.2/10,Mindanao

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

AEIC 16:19:13:18.1:2.0.51:18N:0:10:178:23W:0:09,h27km,4km, Error ellipse: s-maj=14.2km s-min=6.4km az=161.0

BUI 16:19:13:18.5:1.40N:178:56W,h47km,mb5.2/15, mb5.1/70,Ms4.8/17,Ms7.4/5/21

NEIC 16:19:13:19.2:2.1.51:26N:0:09:178:14W:0:08,h42km,5km, mb5.0/257,ML5.0/14,ML4.6(AEIC), Error ellipse: s-maj=13.1km s-min=7.0km az=163.0

GCMT 16:19:13:19.2:0.4.51:05N:0:03:177:99W:0:04,h41km, MW5:0/87, Moment Tensor Solution, s29,c31; s87,c108; Duration: 0 Moment tensor: Scale: 1016Nm; Mw: 0.7;28; Mw-3.82E-17; Mw-0.19E-16; Mw-1.30E-12; Mw-0.93E-10; Mw-0.92E-10; Best double couple: Mw-4.3850E-10; NP1=0.364,0.00000,0.836,0.00000,0.1,0.103,0.00000. NP2=0.698,0.00000,0.855,0.00000,0.81,0.00000. Principal axes: T 4.690,0000,Plg78.00000,Azm309.00000,N-0.0490,Plg7.00000,Azm74.00000,P-4.3610,Plg10.00000,Azm165.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GFZ 16:19:13:20.1:0.3.51:Nz7:17*8Wz:0,h46km,MS.1/49, mb4.9/49

IDA 16:19:13:21:2.2.51:50N:178:25W,h60km,18km,mb4.1/28, mbtimp4.4/32,MS4.0/67, Error ellipse: s-maj=17.9km s-min=10.0km az=166.0

ISC 16:19:13:19.1:0.5.51:20N:0:07:178:14W:0:04,h47km,3km, h46km;P-P,n490,e1913/373,mb4.9/213,MS4.0/70, 28C-19D,Andreano Islands

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

Table with columns: KIWB, comp=N,48um,0.5s, 1.14 52 P, Pn, 19 13 38.6 +0.1, etc.

16d 19h

Table with columns: Call Sign, Name, Frequency, Power, Mode, SNR, etc. Includes entries like MAJO Matushiro, H1S1 WAKE ISLAND, MDJ Muanjiang, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, SNR, etc. Includes entries like HHC comp=Z,190nm,1.2s, U15A North Rim, O20A White River, etc.

800

Table with columns: Call Sign, Name, Frequency, Power, Mode, SNR, etc. Includes entries like CD2 Chengdu, KURK Kurchatov, MKAR Makanchi Array, etc.

Table with columns: STKA, Stephens Creek, 36.04 246, P, P, 19 56 40.2 +0.3, etc. Includes various station names and coordinates.

AEIC 16:20:07.35:2.0,8.52:2N.0:2-178.3E:0.1, h86km,9km, Error ellipse: s-maj=23.6km s-min=7.8km az=193.0

NEIC 16:20:07.36:1.0,7.52:2N.0:2-178.3E:0.1, h84km,4km, mb3.7/17, ML3.1/14, ML2.9(AEIC), Error ellipse: s-maj=30.7km s-min=8.0km az=190.0

ISC 16:20:07.34:6.2,1.51:9N.0:3-178.18E:0.07, h106km,21km, n45, o094/53, mb3.7/3, Rat Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like GASW, GANW, etc.

Table with columns: SHEM, IAML, 20 08 55.3, etc. Includes station names like SMY, SMY, SMY, etc.

RSNC 16:20:23.35:1.0,3.7:2N.2:8'0W:., h0km, M3.8, ML3.2 UPA 16:20:23.37:6.1,3.7:3N.0:30:35W, h2km,2km, MW3.9, Fault plane solution: N1P1:80.00007, 526.00000, 1.138.00000. Presumed earthquake.

CATAC 16:20:23.39:6.0,8.7:2N.2:8'0W:., h7km,5km, M4.1/20, mb4.1/11, mb4.7/3, MLV4.2/20, Mw(mB)3.9/3, Error ellipse: s-maj=4.7km s-min=3.4km az=23.0, confirmed

ISC 16:20:23.35:8.1,0.7:21N.0:04:80:35W,0.02, h11km,7km, n69, c191/108,6C-3D, Panama

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like TOSI, TOSI, ACHO, etc.

Table with columns: CBOC, PLMC, TRT2, etc. Includes station names like San Jos del P, Tortugero, Santa Helena, etc.

DJA 16:20:51.24:1.1,5:2N.2:12'5E:., h13km,8km, M4.5/9, mb5.0/3, mb4.6/5, MLV4.5/9, Mw(mB)4.3/3

MAN 16:20:51.26:0.5,5:33N.1:25:34E, h17km, MS4.1, NEIC 16:20:51.27:3.1,9.5:14N.0:03:125:5E:0.1, h65km,8km, mb4.5/17, Error ellipse: s-maj=15.7km s-min=2.8km

IDC 16:20:51.28:2.1,6.5:11N.1:25:44E, h80km,15km, mb3.8/14, mbmp4.1/15, MS3.5/25, Error ellipse: s-maj=28.1km s-min=10.5km az=78.0

ISC 16:20:51.21:8.1,1.5:16N.0:03:125:45E:0.05, h18km,4km, n92, c171/82, mb4.3/22, MS3.4/21, Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like GSPH, GSPH, KCP, etc.

16d 21h

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KBK Karagaybulak, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

2020 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KIRV Kirov, BELG Belgomorgony, OHAK Old Harbor, etc.

806

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PPT2 Papeete2, BARN Mawson, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, SNR, Time, Res, ISC. Includes stations like VR1 Vrincoiaia, FLOR Plostinia, SAHR Sastru, etc.

Table with columns: Code, Station Name, Az, El, SNR, Time, Res, ISC. Includes stations like WIMM Wimmelburg, TXAR Lajitas Array, TXAR Plostinia, etc.

Table with columns: Code, Station Name, Az, El, SNR, Time, Res, ISC. Includes stations like PRZ Przheval'sk, PRZ Przewalski, SATY Saty, etc.

Table with columns: Code, Station Name, Az, El, SNR, Time, Res, ISC. Includes stations like KUA Karuvaara, KUA Laukkulusta, etc.

Table with columns: Code, Station Name, Az, El, SNR, Time, Res, ISC. Includes stations like HEL 16 23:06:45.2, ERTU Ertsjaerv, etc.

Table with columns: Code, Station Name, Az, El, SNR, Time, Res, ISC. Includes stations like ATH 16 23:09:02.9, GCMG G'zelcam!, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SAM2, DIDI, BEYE, BLCB, YKAV, Zeytinkoy-Aydi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like DNK, IPEC, PRU, VIE, RAC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like VRAC, OSTC, KRUC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like JMA, NEIC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SONM, H112, H11N1, etc.

GCMT 1623:21:30.0-0.4, 36.135-0.02-100.046W, 0.03, h28km, 1km, MW4.9/82, Moment Tensor Solution. s14,c15; s82,c97; Duration: 0 Moment tensor: Scale 10^16Nm; ...

VAO 1623:32:29.4+1.3, 6.78N-73.05W, h153km, 9km, mb4.8, Presumed earthquake

RSNC 1623:32:29.9+0.0, 7.1N-3.7W, h147km, 6km, M5.0, mB5.5, mb2.4, ML4.6, Mw(mB)5.0

CATAC 1623:32:29.9+0.3, 7.1N-2.7W, h152km, 4km, M4.9/16, mb4.9/7, mB4.9/6, MLv5.3/16, Mw(mB)4.2/6, Mw(mB)3.7/1, ...

NEIC 1623:32:30.2+1.8, 6.78N-0.05W, 73.04W, 0.06, h154km, 5km, mb4.9/91, Error ellipse: s-maj=8.9km s-min=7.5km az=109.0

IDC 1623:32:30.2+0.6, 6.75N-72.97W, h163km, 5km, mb4.1/24, mbtmp4.6/29, MS3.3/1, Error ellipse: s-maj=9.1km s-min=6.5km az=127.0

GFZ 1623:32:30.6+0.4, 7.1N-3.7W, h160km, 4km, M4.9/38, mb4.7/38, Error ellipse: s-maj=6.2km s-min=5.3km az=36.9, confirmed

FUNV 1623:32:35.9+6.7, 6.76N-72.64W, h121km, MW4.7, Presumed earthquake

ISC 1623:32:35.9+0.4, 6.82N-0.03W, 73.08W, 0.03, h159km, 3km, n389, of58/454, mb4.7/47, 4C-3D, Northern Colombia

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

Table with columns for station name, frequency, and other technical details. Includes stations like San Jacinto, San Jose del G, Yotoco, Bahia Solano, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like AQDB, AQDB Aquidauana, AQDB Aquidauana, etc.

Table of station data for 17d 1h, including station names, codes, coordinates, and various parameters like SNR and time.

Table of station data for 2020 DEC, including station names, codes, coordinates, and various parameters like SNR and time.

Table of station data for 810, including station names, codes, coordinates, and various parameters like SNR and time.

2020 DEC

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, and various station codes. Includes stations like Kurchatov, Karatay Array, Yellowknife Ar, etc.

MEX 17 01:05:00.6,0.9, 14.34N:92.20W, h76km, 22km, MD4.1, Presumed earthquake
SNET 17 01:05:02.0,1.5, 14.23N:92.15W, h48km, ML3.3, Presumed earthquake
GCG 17 01:05:02.0,1.0, 14.28N:92.10W, h52km, 18km, MD4.0, ML3.9, Presumed earthquake
ISC 17 01:04:59.2,3.2, 14.19N:92.34W, 0.08, h34km, 4km, n17, c116/23, Near coast of Chiapas

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, and various station codes. Includes stations like Retalhuleu, Union Juarez, El Naranjo, etc.

NEIC 17 01:30:37.3,1.3, 20.1S:0.2, 178.2W, 0.1, h54km, 7km, mb4.3/13, Error ellipse: s-maj=25.9km s-min=12.2km
IDC 17 01:04:42.8,4.2, 8.4, 20.15S:178.43W, h596km, 102km, mb2.9/s, mbmp3.8/6, Error ellipse: s-maj=129.1km s-min=37.3km az=158.0

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, and various station codes. Includes stations like Wether Hill Ro, Alice Springs, Warramunga Arr, etc.

BRTR Keskin Array B 146.32 312 PKPbc PKIKP 01 49 17.9 -0.7
BRTR Keskin Array B 146.32 312 PKPbc PKIKP 01 49 17.3 +0.9
BUROR Bucovina Ar 146.55 331 PKPbc PKIKP 01 49 19.3 +0.5

GUC 17 01:34:53.1,0.6, 24.09S:67.12W, h202km, 6km, ML2.6, Presumed earthquake
SJA 17 01:34:54.0,0.6, 24.01S:67.13W, h182km, 10km, ML4.2, MW3.9

ISC 17 01:34:54.3,1.3, 24.04S:0.06, 67.14W, 0.06, h181km, n24, c0811/29, Chile-Argentina border region

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, and various station codes. Includes stations like SALTA, San Pedro de A, Cafayete, etc.

SJA 17 01:35:12.6,0.7, 16.49S:70.35W, h186km, 5km, ML4.1, MW3.9
VAO 17 01:35:12.4,1.6, 16.81S:70.33W, h170km, 7km, mb4.2, Presumed earthquake
IDC 17 01:35:15.9,1.4, 16.39S:70.15W, h170km, 12km, mb3.3/4, mbmp4.0/8, Error ellipse: s-maj=24.5km s-min=18.4km az=15.0

NEIC 17 01:35:17.7,1.3, 16.68S:0.06, 70.15W, 0.08, h163km, 7km, mb4.2/10, Error ellipse: s-maj=14.0km s-min=2.8km az=123.0

ISC 17 01:35:15.4,0.7, 16.55S:0.05, 70.26W, 0.06, h163km, 7km, n74, c133/94, mb3.8/4, Southern Peru az=123.0

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, and various station codes. Includes stations like Visviri, Las Penas Infr, Chacalluta, etc.

AP01 comp-Z, 1.0m, 0.2s Chacalluta 1.82 182 i P Sn 01 35 49.2 -1.0
AP01 comp-Z, 1.0m, 0.2s Chacalluta 1.82 182 i P Sn 01 36 15.5 +1.0
AP01 comp-Z, 1.0m, 0.2s Chacalluta 1.82 182 i P Sn 01 36 17.7

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, and various station codes. Includes stations like Sukabumi, Bungbulang, Cibinong, etc.

PB02 IPOC Station P 4.76 176 eP Pn 01 36 27.0 +1.0
PB02 IPOC Station P 4.76 176 eS Sn 01 37 19.8 -1.4
PB02 IPOC Station P 4.76 176 i P Sn 01 36 26.4 +0.4

comp-Z, 5.12nm, 0.6s IPOC Station P 4.76 176 i P Sn 01 36 26.4 +0.4
comp-Z, 5.12nm, 0.6s IPOC Station P 4.76 176 i P Sn 01 37 18.9 -2.3

comp-Z, 2.22nm, 0.3s, baz=121, slow=10.0, SNR=14 NNA Nana 7.82 305 P Pn 01 37 05.8 -0.7

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, and various station codes. Includes stations like NNA, Cruzero do Su, Serra de San D, etc.

comp-Z, 2.24nm, 1.4s Tunca 17.79 182 Pn Iamb 01 39 13.6 +0.8
BO01 comp-Z, 1.5nm, 1.2s Otavalo 18.53 333 Pn Iamb 01 39 26.3

ITTB Itaituba 18.70 51 eP Pn 01 39 20.5 -1.0
SNDB Serra Nova Dou 18.93 79 eP Pn 01 39 22.4 -1.6
BDFB Brasilia 21.40 91 P Pn 01 39 49.0 -1.5

comp-Z, 2.5nm, 1.0s, baz=3.3, slow=9.8, SNR=4.5 SNAA Sanas 67.36 162 P Iamb Iamb 01 45 56.8

DBIC Dimbokro 68.67 76 P Pn 01 46 03.0 +1.4
TORO Torodi Ar Be 76.97 72 P Pn 01 46 49.3 -1.2
TORD Torodi Ar Be 76.97 72 P Pn 01 46 50.4 -0.2

ISC 17 01:45:52.8,0.7, 8.75S:106.09E, h0km, mb4.3/19, mbmp4.4/22, ML4.6/3, MS3.7/12, Error ellipse: s-maj=17.2km s-min=14.4km az=62.0

NEIC 17 01:45:54.4,1.3, 8.75S:106.08E, h36km, 7km, ML4.9/43, mb4.7/20, Error ellipse: s-maj=13.3km s-min=11.7km az=181.0

BUI 17 01:45:54.0, 8.70S:106.10E, h10km, mb5.3/2, mb4.8/22, DJA 17 01:45:56.0, 4.9, S:2.10E, h36km, 7km, ML4.9/43, mb5.5/11, mb5.0/26, MLv4.8/43, Mw(mB)4.9/11

ISC 17 01:45:54.8,0.9, 8.74S:106.05E, h106.13E, 0.04, h14km, 5km, n122, c115/121, mb4.6/30, MS3.6/10, 2D, South of Java

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, and various station codes. Includes stations like Sukabumi, Bungbulang, Cibinong, etc.

Table of station data for the left column, including station names like EGHF, EGPH, Xiuilin Townshi, and various coordinates and parameters.

Table of station data for the middle column, including station names like SLGT, Liugui, EAST, Anshuo, and various coordinates and parameters.

Table of station data for the right column, including station names like FAKI, Fak Fak, MTN, Manton Dam, and various coordinates and parameters.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include PEIG, VHO, SCIG, etc.

JMA 17 06:11:56.1±0.1, 24.1N; 0.6±124.4E±0.6, h20km±2km, MW1.0/7, NEAR ISHIGAKIJIMA Island, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include JIJ, JJKRS, JJKRS, etc.

TAP 17 06:12:30.6, 24.76N; 122.37E, h17km±2km, ML3.1, D, Taiwan region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include EOS2, EOS3, EOS3, etc.

TAP 17 06:42:12.9, 23.79N; 121.61E, h34km, ML3.9, B JMA 17 06:42:12.±0.1, 23.8N; 0.5±12.2E±, h36km±2km, MV3.2/14, TAIWAN REGION

ISC 17 06:42:13.2±0.9, 23.79N; 0.02±121.65E±0.02, h32km±5km, n121.±11.2/11/215, 7C-15D, Taiwan

Large table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include SHUL, SHUL, TEYL, etc.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include ECS, ESao, WHP, etc.

IDC 17 06:51:47.8±1.6, 53.67S; 140.29E, h0km, mb4.1/4, mbtmp4.1/4, MS3.3/5, Error ellipse: s-maj=142.7km s-min=24.4km az=82.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include STKA, RPZ, Vnda, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CTA, WRA, QSPA, etc.

MOS 17 07:19:11.4±1.0, 34.91N; 23.30E, h11km, mb4.5/13, Error ellipse: s-maj=8.0km s-min=4.6km az=65.5

MSM 17 07:19:12.9±1.5, 35.35N; 2.3E±, h11km±10km, mb4.2, mb4.2, MLV4.2, Mw(m)3.3

ATH 17 07:19:13.3, 34.88N; 23.24E, h6km±2km, ML4.0/16, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

NEIC 17 07:19:13.2±1.0, 34.89N; 0.05±23.32E±0.07, h10km±1km, mb4.3/30, Error ellipse: s-maj=11.6km s-min=5.2km az=234.0

AFAD 17 07:19:14.0, 34.89N; 23.56E, h12km, MW4.2 THE 17 07:19:16.2, 35.2N; 2.2E±, h0km±1km, M3.7/31, ML3.7/31

GFZ 17 07:19:16.0, 0.6, 35.2N; 2.3E±, h10km, M4.4/22, mb4.4/22

GII 17 07:19:20.7±0.0, 34.446N; 0.003±23.955E±0.001, h0km, Mw4.0, confirmed

ISC 17 07:19:12.8±0.8, 34.86N; 0.03±23.29E±0.03, h13km±4km, n399.±180/453, mb4.4/37, MS3.5/5, 4C-3D, Crete

Large table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include KNDR, KNDR, KNDR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, FINES FINESS Array B, NC405 NORSAR Array S, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DGS 30nm,0.4s, AAK Ala-Archa, SEM Semipalatinsk, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like JSG Sagara, JKKS Kakegawashinom, JGK Kuroka, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like ULN Ulaanbaatar, SONM Songo Array, SEY Seymchan, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like AAK Ala-Archa, AAK Ala-Archa, UCH Uchtor, etc.

Main table for 17d 8h, listing stations such as NEEM, DAG, MOS, STKA, etc. with their respective codes, coordinates, and times.

Main table for 2020 DEC, listing stations such as NVAR, SFJOD, TPH, ANOH, etc. with their respective codes, coordinates, and times.

Main table for 820, listing stations such as RUSC, RUSC, RUSC, etc. with their respective codes, coordinates, and times.

Intermediate text block containing various codes and coordinates, likely related to the station data.

Additional text block at the bottom right containing codes and coordinates, likely related to the station data.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like PETK, MKAR, SATY, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like MAW, MAW, VANDA, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like MKAR, GUMO, H1S1, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ECS Chiawan, EOA4 EOA4, LXIB Xiulin Townshi, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAU Kaoshiung, YMO1 YMO1, HEN Hengchun, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MDT Midelt, LPAZ La Paz, EI ROSA El Rosa, etc.

Table of seismic events with columns for station, time, magnitude, and location. Includes entries like TPUB Ta-pu, JSU Suzuyama, NJ2 Nanjing, etc.

Table of seismic events with columns for station, time, magnitude, and location. Includes entries like RND Reindeer, D25K Kavir River, ILAR Eielson Array, etc.

Table of seismic events with columns for station, time, magnitude, and location. Includes entries like FINES FINESSE Array B, AKAGS Malin Array Be, KBZ Khabaz, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Murchison, Cape Campbell, Tory Channel, Denniston Nort, D'Urville Isla, Quartz Range, Greta Valley S, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, GSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR TIR 11:02:45.6, SKO SKO 11:02:48.2, ISKO ISKO 11:02:45.9, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEST Leskovik, IDC 17 11:06:07, IDC 17 11:06:08, IDC 17 11:24:59, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA 17 11:32:01, IDC 17 11:32:02, IDC 17 11:32:01, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UCR 17 11:41:07, CATAC 17 11:41:07, UPA 17 11:41:09, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DJA 17 12:24:41, IDC 17 12:24:42, NEIC 17 12:24:44, etc.

827

Table listing astronomical observations with columns: MK31, Station Name, Azimuth (AZ), Phase ID, Time, Res, and other parameters.

WEL 17 12:35:09.0+1.4, 35°S 20°18'0W, h112km, 83km, M3, 4/6, mB5.7/1, ML3.5/13, MLv3.4/6, Mw(Mb)5.3/1, Error ellipse: s-maj=25.5km s-min=22.4km az=176.8, East of North Island

Main table listing astronomical observations for WEL 17 12:35:09.0+1.4, 35°S 20°18'0W, including station names like WMGZ, PKGZ, etc.

ISK 17 12:36:08.1, 38°77N:43.47E, h13km, ML 1.9/3 AFAD 17 12:36:05.8, 36°71N:43.72E, h7km, 1km, ML1.7, Turkey

Main table listing astronomical observations for ISK 17 12:36:08.1, 38°77N:43.47E, including station names like OZAP, VANB, etc.

HEL 17 12:38:52.0+1.0, 67°88N:20°03E, h0km, ML1.4, Suspected explosion, Sweden

Main table listing astronomical observations for HEL 17 12:38:52.0+1.0, 67°88N:20°03E, including station names like KOVU, LANU, etc.

2020 DEC

Table listing astronomical observations for HEF, ERU, KTK1, etc., with columns for station name, azimuth, phase ID, time, and resolution.

MAN 17 12:38:46.0, 4:82N:125:34E, h14km, MS4.3 GFZ 17 12:38:51.5, 0.2, 5°N x 12°6E, h28km, M4.9/24, mb4.9/24, Mw4.5/40, confirmed

DJA 17 12:38:52.6, 0.9, 5°N x 12°5E, h13km, 8km, M4.9/14, mb5.2/14, mB5.3/12, MLv5.2/12, Mw(mB)4.7/12, MwMwp4.4/1, Mwp4.8/1

NEIC 17 12:38:55.2, 1.6, 5°12N:125:31E, h74km, 1km, mb4.2/21, mbmp4.5/25, MS3.7/29, Error ellipse: s-maj=12.2km s-min=7.3km

ISC 17 12:38:52.8, 0.4, 5°12N:125:33E, h05, h42km, 3km, h43km, pP-P, n238, c1859/210, mb4.8/81, MS3.7/26, 2D, Mindanao

Main table listing astronomical observations for HEF, ERU, KTK1, etc., continuing from the previous table.

TOL2 Tolitoli 6.04 229 P Pn 12 40 18.2 -1.4 TOL3 Tolitoli 6.04 185 P Pn 12 40 17.3 -1.3 TOL4 Tolitoli 6.04 229 P Pn 12 40 18.2 -1.4

Main table listing astronomical observations for TOL2, TOL3, TOL4, etc., including station names like LUWI, APSI, SANI, etc.

Table listing astronomical observations for GUMU, LEM, JOW, FITZ, etc., with columns for station name, azimuth, phase ID, time, and resolution.

17d 12h

Main table listing astronomical observations for GUMU, LEM, JOW, FITZ, etc., continuing from the previous table.

17d 13h

Table of station data for 17d 13h, including station codes (H11S1, H11S2, etc.), names (WAKE ISLAND, ARMA, etc.), coordinates, and various parameters like SNR, elevation, and status.

20 DEC

Table of station data for 20 DEC, including station codes (HDA, ILAR, etc.), names (Harding Lake, Eielson Array, etc.), coordinates, and various parameters like SNR, elevation, and status.

828

Table of station data for 828, including station codes (KALU, ARAO, etc.), names (Kalix, ARCESS Array S, etc.), coordinates, and various parameters like SNR, elevation, and status.

NEIC 17 13:00:15.2,2.5,20.7S:0.1x178.1W:0.1, h568km, 10km, mb4.3/18, Error ellipse: s-maj=19.6km s-min=14.4km

az=108.0
IDD 17 13:00:21.0,1.6,20.74S:178.64W, mb02km, 19km, mb3.3/9, mbtmp4.2/11, Error ellipse: s-maj=17.4km s-min=17.2km az=82.0

ISC 17 13:00:18.1±0.8,20.8S:0.1x177.5W:0.1, h579km, n107, c1950/105, mb4.2/18, 1D, Fiji Islands region

HEL 17 12:39:07.6±0.4,62.31N:25.80E, h0km, ML0.5, Suspected explosion, Finland

Table of station data for HEL 17 12:39:07.6±0.4,62.31N:25.80E, h0km, ML0.5, Suspected explosion, Finland, including station codes (KAF, KAF, etc.), names (Kangasniemi, Suf, etc.), coordinates, and various parameters.

WEL 17 12:56:35.4±1.5,35.5S:26°17'9"W,3°5', h33km, M3.5/6, M3.5/10, MLV3.5/6, Error ellipse: s-maj=56.2km s-min=12.5km az=125.8, East of North Island

Table of station data for WEL 17 12:56:35.4±1.5,35.5S:26°17'9"W,3°5', h33km, M3.5/6, M3.5/10, MLV3.5/6, Error ellipse: s-maj=56.2km s-min=12.5km az=125.8, East of North Island, including station codes (WMGZ, WMGZ, etc.), names (Waionatitini S, Puketiti, etc.), coordinates, and various parameters.

JMA 17 12:56:48.9±0.2,29°N:2°14'E, h496km, MV3.6/17, W OFF OGASAWARA, Bonin Islands region

Table of station data for JMA 17 12:56:48.9±0.2,29°N:2°14'E, h496km, MV3.6/17, W OFF OGASAWARA, Bonin Islands region, including station codes (CBJ, BSO1, etc.), names (Chichi jima, Boso, etc.), coordinates, and various parameters.

HEL 17 12:59:17.5±0.4,67.89N:20°16'E, h0km, ML1.1, Suspected explosion, Sweden

Table of station data for HEL 17 12:59:17.5±0.4,67.89N:20°16'E, h0km, ML1.1, Suspected explosion, Sweden, including station codes (LANU, LANU, etc.), names (Lannavaara, Kilpisjarvi, etc.), coordinates, and various parameters.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, A, AZ, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like ASAR Alice Springs, WRAM Warrunganga Arr, MTN Mantong Dam, etc.

HEL 17 13:00:54.6:0.1,63.96N,28.15E, h0km, ML1.2, Suspected explosion, Finland

Table with columns: Code, Station Name, A, AZ, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like NIF Nilsia, PUF PULANKA, RMF Romuvaara, etc.

TAP 17 13:01:34.5, 24.25N: 122.74E, h14km, ML3.0, C JMA 17 13:01:34.6:0.1, 24.12N: 122.8E:0.5, h18km, 3km, MV2.0/12, NW OFF ISHIGAKIJIMA IS

ISC 17 13:01:34.3:0.9, 24.20N: 0.03: 122.76E:0.02, h16km, 7km, n62, c067/123, Taiwan region

Table with columns: Code, Station Name, A, AZ, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like YJNG Yonagunijimaku, YJNG Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, A, AZ, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like LATG Tongmen, ETM Grass Mountain, FUSB Fushanzhiwuyua, etc.

BGR 17 13:36:27.5:2.6, 34.07N: 27.71E, h33km, mb4.3, Error ellipse: s-maj=89.0km, s-min=78.9km, az=4.0

AFAD 17 13:36:41.0, 35.55N: 26.16E, h6km, 2km, MW4.6

MOS 17 13:36:43.5:1.3, 35.58N: 26.27E, h16km, mb5.0/34, MS4.1/12, Error ellipse: s-maj=5.0km, s-min=2.9km, az=-81.6

BUI 17 13:36:44.0, 35.60N: 26.30E, h20km, mb5.1/11, mb5.0/49

NAO 17 13:36:44.9, 35.08N: 24.47E, h33km, MB4.2

ISK 17 13:36:44.8, 35.70N: 26.24E, h5km, ML4.6/56

NEIC 17 13:36:45.2:0.2, 35.66N: 0.06: 26.26E: 0.04, h10km, 1km, mb4.8/52, Error ellipse: s-maj=10.2km, s-min=5.0km, az=179.0

ATH 17 13:36:46.5, 35.62N: 26.34E, h27km, Mw4.5, Moment Tensor Solution, S: 7.8 Moment tensor: Mr-2.23; Mw=3.10; Mw=5.33; Mw=3.81; Mw=1.22; Mw=1.79; Fault plane solution: NP1: 0.151, 0.0000, 0.546, 0.0000, lambda=159.00000, NP2: 0.46, 0.0000, 0.75, 0.00000, lambda=46.00000

MCSM 17 13:36:46.2:0.5, 36.1N: 2.2E, h24km, 3km, mb5.0, mb4.7, MLv4.7, Mw(mB)4.3

THE 17 13:36:46.7, 36.1N: 2.2E, h20km, 8km, M4.9/6, MLh4.9/6

GFZ 17 13:36:46.4:0.1, 36.1N: 2.2E, h18km, M4.7/131, mb4.8/131, confirmed

MED_RC 17 13:36:46.0, 35.61N: 26.34E, h17km, Mw4.7, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mr=0.24: 10; Mw=0.98: 0.7; Mw=0.00: 0.7; Mw=0.85: 20; Mw=0.01: 0.5; Mw=0.23: 10; Fault plane solution: Mo1.400000x10^16, NP1: 0.141, 0.00000, 0.558, 0.00000, lambda=163.00000, NP2: 0.42, 0.00000, 0.76, 0.00000, lambda=33.00000, Principal axes: T 1.2600, Plg11.0000, Azm95.0000, N 0.2800, Plg54.0000, Azm201.0000, P -1.5400, Plg34.0000, Azm357.0000

IDC 17 13:36:47.5: 1.9, 35.75N: 26.24E, h31km, 14km, mb4.5/33, mbmp4.6/44, ML4.3/11, MS3.8/49, Error ellipse: s-maj=9.3km, s-min=7.5km, az=11.0

GCMT 17 13:36:48.4:0.5, 35.59N: 0.04: 26.19E: 0.03, h23km, 1km, MW4.7/68, Moment Tensor Solution, s11, c12: s68.03; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=1.05: 1.7; Mw=0.62: 0.9; Mw=1.68: 1.0; Mw=0.16: 1.5; Mw=0.07: 0.7; Mw=0.14: 1.1; Best double couple: Mo1.40000x10^16, NP1: 0.164, 0.0000, 0.545, 0.0000, lambda=116.00000, NP2: 0.81, 0.0000, 0.66, 0.00000, Principal axes: T 1.6900, Plg3.0000, Azm92.0000, N -0.5730, Plg18.0000, Azm183.0000, P -1.1100, Plg72.0000, Azm352.0000, ns1a1 refers to body waves, cutoff=40s, ns1a2 refers to surface waves, cutoff=50s, Triangular moment-rate function

Gll 17 13:36:49.9:0.0, 35.297N: 0.002: 26.684E: 0.001, h0km, Mw4.4, confirmed

ISC 17 13:36:45.1:0.5, 35.59N: 0.02: 26.32E: 0.02, h17km, 2km, h17km: pp-P, N1038, e1966/1100, mb4.8/135, MS3.9/39, 57C-42D, Crete

Table with columns: Code, Station Name, A, AZ, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like AGNA Agios Nikolaos, AGNA Neapolis, AGNA Karpathos, etc.

Table with columns: Code, Station Name, A, AZ, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like AGNA Agios Nikolaos, AGNA Neapolis, AGNA Karpathos, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries like KTHA Kythira Island, CESE Sme, AKAS Kas, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries like KALE Lakka, LAKA Drossia, DRO Drossia, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries like BRTR Keskin Array B, PLNA Plana, VTS Vitosha, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HRFI, Mount Harif, Yvotava, Elat, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WTTA, WTTA, WTTA, KRLC, etc.

Table with columns for station name, frequency, polarization, power, and direction. Includes stations like Storzhevoye, BALST Baisthal, CLL Collim, CLL Collim, CLL Collim, etc.

Table with columns for station name, frequency, polarization, power, and direction. Includes stations like MEM Membach, MEM Membach, BSD Bornholm Skovb, RCHB Rochefort, RCHB Rochefort, HGN Heilmansgroeve, etc.

Table with columns for station name, frequency, polarization, power, and direction. Includes stations like PCVE Castro Verde, PMTG Montargil, KIRV Kirov, MESJ Meshejana, MDJ Madhu, UOSS Minazif, etc.

Table with columns: Station, Azimuth, Elevation, SNR, and other parameters. Includes stations like TNSS, MDOK, ARXS, KURBB, etc.

Table with columns: Station, Azimuth, Elevation, SNR, and other parameters. Includes stations like GTA2, PALK, SONM, etc.

Table with columns: Station, Azimuth, Elevation, SNR, and other parameters. Includes stations like NJ2, PSI, MA2, INK, etc.

17d 13h: 40.3z 1.7, 61.166N: 150.47W, h53km: 18km, mb3.2/4, mbtm3.3/7, ML2.9/3, Error ellipse: s-maj=35.1km, s-min=10.6km az=109.0

NEIC 17 13:40:31.7z 1.1, 61.163N: 0.03z: 150.21W: 0.05, h48km: 6km, ML3.5/180, ML3.4(AEIC), Error ellipse: s-maj=3.7km, s-min=3.3km az=161.0

AEIC 17 13:40:32.0z 1.0, 61.162N: 0.03z: 150.18W: 0.05, h52km: 6km, Error ellipse: s-maj=4.0km s-min=3.5km az=184.0

ISC 17 13:41:31.3z 0.8, 61.163N: 0.03z: 150.17W: 0.03, h54km: 6km, h205, 048/37/179, mb3.2/4, Southern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M22K, WRA, etc.

17d 14h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Port Wells, North Nagishla, Susitna Watana, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Eielson Array, Innoko River, Minto, Yukon-K, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like South Pole Qui, IDC 17 13:41:41.8, etc.

GUC 17 14:03:09.7-0.6, 22°61'S; 66°39'W, h240km, 5km, ML4.0,

Presumed earthquake

ISC 17 14:03:07.2-1.2, 22.60S; 0.05-66.38W, 0.07,

h250km, 14km, n33, s174/57, 2C-6D, Jujuy Province

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Yavi, IPOC Station P, etc.

GII 17 14:09:40.7-0.0, 32°76'N; 0°00'25.35'E, 0.02, h0km,

Md0.9/2, confirmed, Dead Sea region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Teveria, Kefar Nahum, etc.

IDC 17 14:17:41.9-6.3, 20°68'S; 178°31'W, h576km, 73km, mb3.2/6,

mbmp4, 1.7, Error ellipse: s-maj=34.3km s-min=24.4km

az=60.0

ISC 17 14:17:42.5-0.9, 20.7S; 0.2-178°44'W, 0.2, h587km, n10,

r183/10, mb3.7/6, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Urewera, Alice Springs, etc.

ISK 17 14:32:35.0, 35°63'N; 26°29'E, h5km, ML2.8/6,

ATH 17 14:32:35.5, 35°63'N; 26°34'E, h12km, 2km, ML2.9/11,

Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 17 14:32:36.6, 36°N; 3°26'E, h29km, 10km, M2.7/6,

ML2.7/6

ISC 17 14:32:35.5-1.0, 35°64'N; 0°03'26.33E; 0.02, h13km, n10km,

n23, s049/36, Crete

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Zakros, Agios Nikolaos, etc.

SKHL 17 14:57:34.8-0.4, 47°30'N; 154°10'E, h60km, 7km, mb4.6/3,

IDC 17 14:57:37.8-2.5, 47°46'N; 153°63'E, h66km, 22km, mb3.6/14,

mbtmp3.9/20, MS3.3/3, Error ellipse: s-maj=23.0km

s-min=14.2km az=135.0

ISC 17 14:57:35.8-0.7, 47°38'N; 0°08'153.92E; 0.08, h50km, n41,

r117/35, mb3.8/14, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Severo-Kuril's, Pauzhetka, etc.

YSS 40nm, 0.3s

YSS 20nm, 0.5s

AKK Akkeshi 7.75 239 eP Pn

TYV Tyvenskoe 8.17 299 eP Pn

ASAJ Asahikawa 8.56 252 P Pn

ASAJ 8.6nm, 0.8s, baz=84, slow=12, SNR=8.0

MA2 Magadan 12.36 352 P Pn

KLR Kuldur 14.86 295 LR LR

USRK Uysuriysk Arr. 15.62 266 P Pn

SEY Semychn 15.62 357 P Pn

MJAR Matsushiro Arr 19.00 233 P Pn

YAK Yakutsk 20.10 326 eP Pn

KSRS Korea Array 21.51 252 P Pn

H1N1 WAKE ISLAND Hy 29.54 155 T T

H1N2 WAKE ISLAND Hy 29.55 155 T T

H1N3 WAKE ISLAND Hy 29.55 155 T T

H1S1 WAKE ISLAND Hy 30.64 156 T T

H1S3 WAKE ISLAND Hy 30.65 156 T T

H1S2 WAKE ISLAND Hy 30.66 156 T T

ILAR Eielson Array 35.72 39 P Pn

YKA Yellowknife Arr 50.09 37 P Pn

BVAR Borovoye Array 50.89 309 P Pn

CMAR Chiang Mai Arr 53.05 257 P Pn

ARCES ARCES Array B 57.44 341 P Pn

FINES FINESS Array B 63.71 335 P Pn

PDAR Pinedale Array 63.93 55 P Pn

NB2 NORSAR Subarra 67.81 341 P Pn

NOA NORSAR Array B 67.81 341 P Pn

HFS Hagfors 68.06 340 P Pn

comp=2.1, 7nm, 0.3s

Table with columns: MSVF, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Nonsauv, Alice Springs, etc.

NNC 17 15:02:44.0-0.5, 42°44'N; 78°22'E, h0km, mb3.7, mpv3.7,

Error ellipse: s-maj=3.8km s-min=1.5km az=172.0

KRNET 17 15:02:43.8-0.1, 42°36'N; 78°20'E, h17km, mb3.6

SOME 17 15:02:44.2, 42°48'N; 78°17'E, h10km

KNE 17 15:02:45.6-0.5, 42°41'N; 78°04'E, h8km, 3km, m3.1, Error

ellipse: s-maj=6.3km s-min=3.6km az=168.0

ISC 17 15:02:44.3-0.7, 42°42'N; 0°02'78.12E; 0.02, h10km, n76,

r162/135, 37C-31D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Przheval'sk, Anan'yeyo, etc.

TNSS Tian-Shan 5.4nm, 0.1s

TNSS 25nm, 0.3s

TNSS Tian-Shan 5.4nm, 0.1s

TNSS 25nm, 0.3s

KURS Kuram 24nm, 0.2s

KURS Kuram 24nm, 0.2s

KURS Kuram 24nm, 0.2s

KURS Kuram 24nm, 0.2s

MDOK Medeo 103nm, 0.2s

MDOK Medeo 25nm, 0.1s

MDOK 103nm, 0.2s

MDOK 25nm, 0.1s

KOTS Kotrybulak 61nm, 0.2s

KOTS 230nm, 0.3s

KOTS Kotrybulak 61nm, 0.2s

KOTS 230nm, 0.3s

KPKS Kokpek 0.4nm, 0.1s

KPKS 79nm, 0.4s

KPKS Kokpek 0.4nm, 0.1s

KPKS 79nm, 0.4s

KNCD Almaty 18nm, 0.5s

KNCD 213nm, 0.5s

AAA Alma-Ata 116nm, 0.1s

AAA 23nm, 0.2s

AAA Alma-Ata 116nm, 0.1s

AAA 23nm, 0.2s

SHLS Shalkode 39nm, 0.2s

SHLS 245nm, 0.2s

SHLS Shalkode 39nm, 0.2s

SHLS 245nm, 0.2s

PDGK Podgornoye 3.9nm, 0.2s

PDGK 42nm, 0.5s

ULHL Ulaoh 33nm, 0.1s, SNR=11

ULHL 80nm, 0.2s

ULHL Ulaoh 33nm, 0.1s, SNR=11

ULHL 80nm, 0.2s

BOOM Boomskeyusch 1.62 273 eP Pn

BLB Baldybastay 1.70 9 P Pn

BLB 356nm, 0.4s

BLB 91nm, 0.2s

KST KasteK 1.71 292 P Pn

KST 16nm, 0.2s

KST 180nm, 0.4s

KST KasteK 1.71 292 eP Pn

KST 16nm, 0.2s

KST 180nm, 0.4s

ARXS Arharly 1.81 353 P Pn

ARXS 90nm, 0.2s

ARXS 45nm, 0.3s

ARXS Arharly 1.81 353 eP Pn

ARXS 90nm, 0.2s

NRN Naryn 1.87 239 P Pn

NRN 11nm, 0.3s

DGS Degeres 1.92 296 P Pn

DGS 155nm, 0.3s

17d 15h

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, H, M, S, ISC. Includes stations like KTMS Ketmen, KNOS Konyrien, DJR Jarkent, etc.

KRNET 17 15:06:45.6±0.1, 42.36N;78.19E, h15km, mb2.9
NNC 17 15:06:45.1±0.7, 42.41N;78.22E, h0km, mb3.0, mpv3.2,
Error ellipse: s-maj=5.7km s-min=2.9km az=170.0

SOME 17 15:06:45.8, 42.38N;78.25E, h20km
KNET 17 15:06:47.6±0.3, 42.40N;78.00E, h6km±2km, ml2.3, Error
ellipse: s-maj=3.4km s-min=2.0km az=12.0

ISC 17 15:06:45.8±0.1, 42.40N;0.03;78.17E, 0.02, h9km±10km,
n49, c1866/87, 16C-15D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, H, M, S, ISC. Includes stations like PRZ Przheval'sk, ANVS Anan'yev, SATY Saty, etc.

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Main table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, H, M, S, ISC. Includes stations like KURS Tian-Shan, TNSS Tian-Shan, MDOK Medeo, etc.

NNC 17 15:13:59.7±0.4, 42.78N;76.32E, h0km, mb2.6, mpv2.7,
Error ellipse: s-maj=4.9km s-min=1.8km az=169.0
KRNET 17 15:13:59.5±0.1, 42.76N;76.35E, h11km, mb2.4
SOME 17 15:13:59.6, 42.78N;76.35E, h10km

KNET 17 15:14:00.1±0.5, 42.73N;76.25E, h13km±2km, ml1.4, Error
ellipse: s-maj=4.8km s-min=1.6km az=52.0
ISC 17 15:13:59.7±1.0, 42.77N;0.02;76.35E, 0.02, h9km±10km,
n41, c0861/74, 20C-8D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, H, M, S, ISC. Includes stations like KST Kasteek, KST Kasteek, BOOM Boomskiye usch, etc.

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Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, H, M, S, ISC. Includes stations like TNSS Tian-Shan, ULHL Ulahol, TKM2 Tokmak 2, etc.

NEIC 17 15:36:21.8±1.2, 11.89S;0.09;166.9E±0.1, h199km±6km,
mb4.5/38, Error ellipse: s-maj=18.0km s-min=12.4km
az=84.0

IDC 17 15:36:23.7±2.6, 11.92S;166.76E, h218km±23km,
mb3.7/13, mbtmp4.2/15, MS3.0/1, Error ellipse:
s-maj=19.8km s-min=15.7km az=123.0

NOU 17 15:37:02.6, 15.07S;167.00E, h0km, mb4.4/8, Vanuatu
islands

ISC 17 15:36:21.5±0.5, 11.90S;0.06;166.93E±0.1, h200km±n76,
c1813/78, mb4.4/29, Santa Cruz Islands

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, H, M, S, ISC. Includes stations like HNR Honiara, KOUNC Koumac, etc.

17d 15h

Table listing various stations (CROM, VRDI, etc.) with associated codes, frequencies, and technical parameters. Includes station names like Cirque, Verde Repeater, Wrangeli Chic, etc.

NNC 17 15:49:49.1±26.0, 35.83N, 69.39E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=279.1km s-min=207.5km az=99.0

Table listing stations with station names like Karatay Array, Ala-Archa, Makanchi Array, etc., and their technical details.

IDC 17 15:59:17.8 ± 1.4, 45.31N, 9.46E, h0km, mb3.0/1, mbtm3.5/8, ML3.8/7, MS2.7/2, Error ellipse: s-maj=23.1km

Table listing stations in Northern Italy with station names like Milano, Bergamo, etc., and their technical details.

2020 DEC

Large table listing stations (MILN, MERA, MERA, etc.) with codes, frequencies, and technical parameters. Includes station names like Merate, Bobbio (Coli), Pavia, etc.

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Large table listing stations (CNCS, CNCS, BOB, etc.) with codes, frequencies, and technical parameters. Includes station names like Concesio, Bobbio (Coli), Verbania, etc.

Table with columns for location, time, status, and count. Includes various entries like PCP, ZEN8, GENL, SATI, TRAV, RONC, FUSIO, MMK, BERNI, GRAM, BALD, MBAL, CIRO, VARA, LUSI, SBPO, and MOSI.

17d 15h

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SENI, STU, SSB, SKDS, SMP, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SESA, OFFI, SMA1, LASF, LOR, MOA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABNA, BEHE, RONA, WINA, MOX, RCHB, etc.

Table of astronomical observations for 17d 16h, listing station names (e.g., AHID, JNU, TJN), coordinates, and other parameters.

Table of astronomical observations for 2020 DEC, listing station names (e.g., KURRB, KURRB, RNF), coordinates, and other parameters.

Table of astronomical observations for 844, listing station names (e.g., GKN, GKN, DANN), coordinates, and other parameters.

Table with columns: STA, Name, Code, Time, Res. Includes entries like SNA, VNA3, VNA2, VNA1, PMSA, etc.

Table with columns: JISG, JIJ, JIJ, JIJ, etc. Includes entries like Ishigaki jima, Kuro-shima, Hateruma jima, etc.

Table with columns: CAN, CAN, CAN, etc. Includes entries like Canberra, Tasmania Univ, Stephens Creek, etc.

Table with columns: JIJ, JIJ, JIJ, etc. Includes entries like Kume jima, Nagatogohara, Yonaguni jima, etc.

Table with columns: JIJ, JIJ, JIJ, etc. Includes entries like Kunigami, Zalesovo Beam, Warrumungu Arr, etc.

Table with columns: ASAR, ASAR, ASAR, etc. Includes entries like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: CMAR, CMAR, CMAR, etc. Includes entries like Chiang Mai Arr, Nakatsue, Matushiro Arr, etc.

Table with columns: JIJ, JIJ, JIJ, etc. Includes entries like Kurbatov Arra, Kurchatov Arr, etc.

Table with columns: ASAR, ASAR, ASAR, etc. Includes entries like Alice Springs, Alice Springs, Alice Springs, etc.

Code Station Name Az AZ' Phase ID Time Res

Code Station Name Az AZ' Phase ID Time Res

Code Station Name Az AZ' Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes WRA, WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes SJJI, SJJI, SJJI, SJJI.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes WRA, WRA, ASAR, MKAR.

SDD 17 16:51:20.9, 1.1, 19.71N; 127.67E, h0km, mb3.3/2, ML2.4, MW2.4, Presumed earthquake

SDD 17 16:51:20.9, 1.1, 19.71N; 127.67E, h0km, mb3.3/2, ML2.4, MW2.4, Presumed earthquake

SDD 17 16:51:20.9, 1.1, 19.71N; 127.67E, h0km, mb3.3/2, ML2.4, MW2.4, Presumed earthquake

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LOPP1, LOPP1, LOPP1, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LOPP1, LOPP1, LOPP1, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LOPP1, LOPP1, LOPP1, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LUDR, LUDR, LUDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LUDR, LUDR, LUDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LUDR, LUDR, LUDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes MCDR, MCDR, MCDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes MCDR, MCDR, MCDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes MCDR, MCDR, MCDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes SDDR, SDDR, SDDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes SDDR, SDDR, SDDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes SDDR, SDDR, SDDR, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LONE3, LONE3, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LONE3, LONE3, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes LONE3, LONE3, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes DR08, DR08, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes DR08, DR08, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes DR08, DR08, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes BANI, BANI, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes BANI, BANI, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes BANI, BANI, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes BANI, BANI, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes BANI, BANI, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes BANI, BANI, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JGSS, JGSS, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JGSS, JGSS, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JGSS, JGSS, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JMU2, JMU2, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JMU2, JMU2, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JMU2, JMU2, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIRJ, JIRJ, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIRJ, JIRJ, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIRJ, JIRJ, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIKM, JIKM, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIKM, JIKM, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIKM, JIKM, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIJ, JIJ, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIJ, JIJ, etc.

Table with columns: Code, Station Name, Az, AZ', Phase ID, Time, Res. Includes JIJ, JIJ, etc.

OSPL 17 16:51:21.3, 0.0, 19.71N; 127.12W, h16km, 2km, ML3.0, Presumed earthquake

IS 17 16:51:19.0, 1.2, 19.75N; 0.05, 17.22W, h0.06, h29km, 11km, n8, e045/11, 1C, Dominican Republic region

BUI 17 18:04:47.2, 13.26N; 145.50E, h109km, mb5.2/4, mb4.6/20, DJA 17 18:04:54.6, 0.4, 13.14N; 145.50E, h10km, M4.9/11

GMCM 17 18:04:59.6, 0.3, 13.74N; 0.02, 145.00E; 0.02, h124km, 3km, MW5.0/85, Moment Tensor Solution. s25,c27; s85,c123; Duration: 0 Moment tensor: Scale 1016Nm; Mn-0.63; 13; Mw0.53; 14; Mw0.10; 15; Ms1.38; 09; Ms0.36; 12; Ms0.71; 11; Best double couple: M=0.40600x1016 Np1=176.00000; 0.69,000000, 1, -12.000000. NP2=271.00000; 0.678,000000, 1, -158.000000. Principal axes: T, 4.0730, Pig7.0000; Azm=42.0000; M1=0.0540, Pig65.0000; Azm=27.0000; P, 4.0100, Pig24.0000; Azm=135.0000; nsta1 refers to body waves; cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

17d 18h

Table listing seismic stations (e.g., MAJO, YULB, SANI) with columns for station name, coordinates, and time-residual data.

2020 DEC

Main table listing seismic events (e.g., GUC 17 18:14:48, GUC 17 18:15:18) with columns for station name, coordinates, and time-residual data.

846

Table listing seismic stations (e.g., PB05, PB03, PB10) with columns for station name, coordinates, and time-residual data.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for MAKZ, MKAR, MKAP, MKAR, CMAR, KURBS, KURK, ABKAR, BVAR, AKTO, ZAAO, ZALV, ZALV, GEVA, BURAR, FINES, ARCES, HFS, NOA.

IDC 17 18:23:22.9,5.36,43N,71.21E, h195km, 46km, mb3.4/9, mbtmp3.9/14, Error ellipse: s-maj=36.7km s-min=18.8km az=34.0

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for JMU, THN, DHRM, DHRM, KK31, AAK, SMLA, SMLA, SMLA, KLP, KLP, LGTI, MKAR, AB31, BVAR, AKTO, ZALV, FINES, ARCES, HFS, NB2, NOA, INK, ILAR, YKA, WRA, ASAR.

IDC 17 19:09:52.5,4.0,16.11S,69.39W, h184km, 41km, mb3.3/1, mbtmp3.9/1, MS3.8/1, Error ellipse: s-maj=150.4km s-min=99.8km az=8.0, Peru-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for SONM, IDC, MAN, ISC, Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for PLP, BIPH, ABKAR, BVAR, AKTO, ZAAO, ZALV.

IDC 17 19:34:13.4,3.7,19.43S,169.79E, h0km, mb3.9/2, mbtmp3.9/3, ML3.3/1, MS3.4/8, Error ellipse: s-maj=105.6km s-min=29.0km az=129.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for INH, MARNC, MARNC, MARNC, PINNC, PINNC, PINNC, YATWC, DZM, DZM.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for NOUC, KOUNC, KOUNC, KOUNC, MSVF, MSVF, CTA, STKA, WRA, ASAR, ASAR, ASAR, FITZ, FITZ, LEM, QSPA, USAOB, GERES, GERES.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for IDC, WRA, WRA, WRA, ASAR, ASAR, ASAR, MKAR.

SJA 17 20:14:27.4, 1.2, 24.98S, 70.07W, h69km, ML3.4, MW3.5, GUC 17 20:14:27.3, 0.7, 25.01S, 70.01W, h79km, 5km, ML3.5, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for PB14, PB14, PB14, AC01, AC01, AC01, PB10, PB10, PB10, AC02, AC02, AC02, PB05, PB05, PB05, AC01, AC01, AC01, PB10, PB10, PB10, AC02, AC02, AC02, PB05, PB05, PB05, AC01, AC01, AC01.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for PB06, PB06, PB06, AC06, AC06, AC06, AF01, AF01, AF01, AF01, PB03, PB03, PB03, PB07, PB07, PB07, AC04, AC04, AC04, PB09, PB09, PB09, PB09, PB09, PB02, PB02, PB02, AC05, AC05, AC05, LCO, LCO, VCA, VCA, VCA, AGUA, AGUA.

AEIC 17 20:51:10.9, 1.1, 54.28N, 0.07S, 159.8W, 0.1, h22km, 9km, Error ellipse: s-maj=12.1km s-min=7.3km az=134.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for CNBA, CNBA, CNBA, SDPT, SDPT, SDPT, DOL, DOL, DOL, HAG, HAG, HAG, PS4A, PS4A, PS4A, PS1A, PS1A, PS1A, DTI, DTI, DTI, S12K, S12K, S12K, S12K.

IDC 17 21:09:56.0, 0.8, 14.35N, 56.21E, h0km, mb3.8/12, mbtmp3.8/12, MS3.4/23, Error ellipse: s-maj=22.2km s-min=20.9km az=145.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for DMTO, DMTO, SHAO, SHAO, RBK, RBK, ABTO, ABTO, WHFO, WHFO, WHFO, DOK, DOK, DOK, DQM, DQM, DQM, MJTO, MJTO, MJTO, JMLA, JMLA, JMLA, BSY, BSY, BSY, WBK, WBK, WBK, SMDO, SMDO, SMDO, ARQ, ARQ, ARQ, MZR, MZR, MZR, HOZ, HOZ, HOZ, BIDO, BIDO, BIDO, SOHO, SOHO, SOHO, ASHO, ASHO, ASHO, HATD, HATD, HATD, UOSS, UOSS, UOSS, ATD, ATD, ATD.

OMAN 17 21:10:02.3, 1.1, 14.79N, 56.24E, h10km, mb3.5/12, mb3.6/6, ms3.0/7, Error ellipse: s-maj=21.5km s-min=12.0km az=2.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for RAYN, RAYN, RAYN, KBL, KBL, KBL, LKDL, LKDL, LKDL, NIL, NIL, NIL, EIL, EIL, EIL, ASF, ASF, ASF, PALK, PALK, PALK, MARD, MARD, MARD, GNI, GNI, GNI, BTK, BTK, BTK, MBR, MBR, MBR, BRTR, BRTR, BRTR, BRTR, BRTR, BRTR, MKAR, MKAR, MKAR.

ISC 17 20:14:28.0, 1.4, 25.00S, 70.03W, 0.09h, h79km, 12km, n27, r108/34, 2C-3D, Near coast of northern Chile

Table with columns: MKAR, PpP, PpP, 21 19 34.4 +0.1, 21 35 17.2, 21 17 25.2 +1.5, 21 19 37.3 -0.6, 21 17 36.9 +1.3, 21 17 36.6 +0.1, 21 17 42.4 +0.3, 21 33 10.1, 21 17 41.9 -0.3, 21 35 04.8, 21 17 53.4 -0.2, 21 17 58.3, 21 37 34.0, 21 38 08.3, 21 18 16.6 +0.6, 21 38 12.0, 21 18 16.5 +0.5, 21 18 29.1 +1.4, 21 18 32.5 +1.9, 21 18 35.1 +1.6, 21 18 36.9 +1.5, 21 18 38.7 +1.3, 21 18 40.5 +0.8, 21 18 43.8 +0.6, 21 18 42.5 -1.3, 21 18 42.3 -1.5, 21 18 46.9 -0.5, 21 18 48.6 +1.0, 21 18 49.7 +0.2, 21 18 50.5 +0.2, 21 18 51.5 +0.4, 21 18 52.7 +0.3, 21 18 56.4 +0.5, 21 19 05.0 +0.3, 21 19 04.8 0.0, 21 19 08.8 -0.8, 21 19 15.3 +0.1, 21 19 15.0 -0.1, 21 46 40.2, 21 46 02.1, 21 19 51.5 +0.2, 21 19 51.3 0.0, 21 19 59.2, 21 19 53.0 +0.3, 21 19 52.7 0.0, 21 19 55.3, 21 52 28.6, 21 54 22.5, 21 54 36.4, 22 41 39.1, 22 41 40.7, 22 41 40.5, 21 22 31.9 -1.0, 21 22 31.3 -1.7, 22 02 11.1, 21 28 51.9 -0.5, 21 29 02.7 -0.2, 21 29 03.8 +0.2, 21 29 03.5 -0.1

Table with columns: WRA, PpP, PpP, 21 25 17.9 -2.1, 21 21 31.6 -1.3, 21 28 35.1 +0.4, 21 28 27.8 +2.2, 21 28 10.4 +0.5, 21 28 28.6 +2.3, 21 28 11.7 +1.4, 21 28 29.1 +2.2, 21 28 10.8 +0.3, 21 28 12.0 +0.6, 21 28 11.8 +0.3, 21 28 30.1 +0.8, 21 28 13.2 -0.7, 21 28 31.2 +1.9, 21 28 12.4 +0.2, 21 28 13.9 +2.7, 21 28 12.2 +0.5, 21 28 29.6 -0.4, 21 28 14.4 -0.4, 21 28 34.0 +0.9, 21 28 14.2 -0.6, 21 28 32.8 -0.6, 21 28 13.8 -1.1, 21 28 13.8 -1.1, 21 28 14.2 -1.0, 21 28 33.0 +1.0, 21 28 14.5 -1.1, 21 28 33.5 -1.0, 21 28 15.7 +0.4, 21 28 15.9 +0.5, 21 28 15.3 -0.5, 21 28 14.2 +0.4, 21 28 16.4 -0.6, 21 28 16.1 -1.0, 21 28 15.3 -0.2, 21 28 15.9 +0.2, 21 28 35.5 +0.3, 21 28 16.5 -1.1, 21 28 37.5 -0.4, 21 28 15.8 +1.1, 21 28 15.9 +0.9, 21 28 15.9 +0.9, 21 28 38.6 -0.6, 21 28 17.3 +0.1, 21 28 38.2 +0.5, 21 28 16.4 +0.9, 21 28 36.7 +0.5, 21 28 17.5 +0.2, 21 28 40.1 -2.0, 21 28 17.7 +0.9, 21 28 39.8 +1.3, 21 28 17.6 +1.0, 21 28 18.3 +0.5, 21 28 39.6 +1.1, 21 28 17.0 +0.2, 21 28 39.0 +0.5, 21 28 18.7 -0.5, 21 28 13.3 +0.2, 21 28 19.1 +0.0, 21 28 20.5 0.0, 21 28 20.6 +0.2, 21 28 44.5 -2.0, 21 28 20.3 -0.2, 21 28 18.6 +0.9, 21 28 40.0 +0.9, 21 28 20.1 -0.6, 21 28 19.1 -0.6, 21 28 40.6 +0.4, 21 28 22.0 +0.4, 21 28 22.3 -0.9, 21 28 23.3 -0.1, 21 28 23.4 +0.1, 21 28 23.0 +1.3, 21 28 21.3 +0.8, 21 28 23.7 +1.5, 21 28 20.2 -0.3, 21 28 40.9 -0.3, 21 28 22.0 +1.6, 21 28 45.1 +0.1, 21 28 21.2 +0.1, 21 28 40.6 +0.6, 21 28 21.0 +0.3, 21 28 44.3 -1.4, 21 28 21.6 +0.2, 21 28 24.1 -0.9, 21 28 25.2 +1.6, 21 28 49.5 +2.1, 21 28 25.0 +1.9, 21 28 51.3 +1.5, 21 28 25.3 +2.1, 21 28 52.4 +2.1, 21 28 37.5 -0.7, 21 28 54.9 +0.9, 21 28 25.2 +1.7, 21 28 54.0 0.0, 21 28 25.1 +1.5, 21 28 25.2 +1.6, 21 28 52.0 +2.0, 21 28 25.4 +1.6, 21 28 25.9 -1.5, 21 28 25.7 +1.4, 21 28 27.1 +2.3, 21 28 37.7 +0.2, 21 28 29.2 0.0, 21 28 28.0 +1.0, 21 28 58.8 +2.0, 21 28 29.0 +1.1, 21 28 30.7 +1.0, 21 28 37.7 +0.1, 21 28 31.1 +1.1, 21 29 02.5 +1.2, 21 28 33.1 +2.8, 21 28 33.0 +1.3, 21 28 34.9 +1.3, 21 28 32.5 +1.1, 21 28 36.9 +0.9, 21 28 39.6 +0.6, 21 28 40.1 +0.6, 21 28 19.0 -0.3, 21 28 40.9 +1.3, 21 28 41.0 +0.6, 21 28 45.2 +1.4, 21 28 43.7 -0.1, 21 28 46.7 +0.1, 21 28 48.0 +0.9, 21 28 52.9 +1.4, 21 28 52.9 +1.4

Table with columns: TWK, ALS, ALS, 1.23 331, 1.27 323, 1.27 323, 1.28 358, 1.35 348, 1.35 5, 1.37 303, 1.37 337, 1.37 337, 1.38 360, 1.41 321, 1.42 319, 1.42 319, 1.42 342, 1.42 342, 1.44 6, 1.46 309, 1.49 327, 1.50 327, 1.53 2, 1.53 41, 1.53 335, 1.54 351, 1.56 314, 1.56 340, 1.58 349, 1.58 359, 1.60 334, 1.63 317, 1.65 5, 1.69 343, 1.71 355, 1.73 5, 1.74 5, 1.74 5, 1.74 5, 1.76 326, 1.77 1, 1.83 352, 1.83 333, 1.83 352, 1.83 334, 1.85 338, 1.86 25, 1.90 346, 1.93 358, 1.99 358, 2.00 358, 2.01 342, 2.01 8, 2.01 8, 2.01 293, 2.02 23, 2.03 9, 2.03 9, 2.03 302, 2.08 303, 2.10 2, 2.11 20, 2.20 10, 2.20 10, 2.21 6, 2.21 6, 2.21 350, 2.23 358, 2.23 358, 2.24 358, 2.24 358, 2.24 350, 2.24 350, 2.29 5, 2.32 3, 2.34 1, 2.35 354, 2.48 35, 2.55 8, 2.58 8, 2.71 2, 2.72 2, 2.83 47, 2.97 52, 3.14 325, 3.14 52, 3.36 321, 3.40 50, 3.40 306, 3.46 306, 3.71 53, 3.71 294, 3.91 290, 3.95 340, 4.02 308, 4.19 54, 4.27 329

Table with columns: IDC 17 21:12:10.1, 1.9, 6.52S, 152.06E, h0km, mb3.7/3, mbtmp3.8/5, ML1.8/1, Error ellipse: s-maj=50.4km s-min=15.6km az=114.0, New Britain region, 21 19 34.4 +0.1, 21 35 17.2, 21 17 25.2 +1.5, 21 19 37.3 -0.6, 21 17 36.9 +1.3, 21 17 36.6 +0.1, 21 17 42.4 +0.3, 21 33 10.1, 21 17 41.9 -0.3, 21 35 04.8, 21 17 53.4 -0.2, 21 17 58.3, 21 37 34.0, 21 38 08.3, 21 18 16.6 +0.6, 21 38 12.0, 21 18 16.5 +0.5, 21 18 29.1 +1.4, 21 18 32.5 +1.9, 21 18 35.1 +1.6, 21 18 36.9 +1.5, 21 18 38.7 +1.3, 21 18 40.5 +0.8, 21 18 43.8 +0.6, 21 18 42.5 -1.3, 21 18 42.3 -1.5, 21 18 46.9 -0.5, 21 18 48.6 +1.0, 21 18 49.7 +0.2, 21 18 50.5 +0.2, 21 18 51.5 +0.4, 21 18 52.7 +0.3, 21 18 56.4 +0.5, 21 19 05.0 +0.3, 21 19 04.8 0.0, 21 19 08.8 -0.8, 21 19 15.3 +0.1, 21 19 15.0 -0.1, 21 46 40.2, 21 46 02.1, 21 19 51.5 +0.2, 21 19 51.3 0.0, 21 19 59.2, 21 19 53.0 +0.3, 21 19 52.7 0.0, 21 19 55.3, 21 52 28.6, 21 54 22.5, 21 54 36.4, 22 41 39.1, 22 41 40.7, 22 41 40.5, 21 22 31.9 -1.0, 21 22 31.3 -1.7, 22 02 11.1, 21 28 51.9 -0.5, 21 29 02.7 -0.2, 21 29 03.8 +0.2, 21 29 03.5 -0.1

Table with columns: IDC 17 21:20:36.3, 7.3, 18.05S, 178.17W, h458km, 81km, mb3.2/6, mbtmp4.0/6, Error ellipse: s-maj=94.5km s-min=28.2km az=155.0, 21 25 17.9 -2.1, 21 21 31.6 -1.3, 21 28 35.1 +0.4, 21 28 27.8 +2.2, 21 28 10.4 +0.5, 21 28 28.6 +2.3, 21 28 11.7 +1.4, 21 28 29.1 +2.2, 21 28 10.8 +0.3, 21 28 12.0 +0.6, 21 28 11.8 +0.3, 21 28 30.1 +0.8, 21 28 13.2 -0.7, 21 28 31.2 +1.9, 21 28 12.4 +0.2, 21 28 13.9 +2.7, 21 28 12.2 +0.5, 21 28 29.6 -0.4, 21 28 14.4 -0.4, 21 28 34.0 +0.9, 21 28 14.2 -0.6, 21 28 32.8 -0.6, 21 28 13.8 -1.1, 21 28 13.8 -1.1, 21 28 14.2 -1.0, 21 28 33.0 +1.0, 21 28 14.5 -1.1, 21 28 33.5 -1.0, 21 28 15.7 +0.4, 21 28 15.9 +0.5, 21 28 15.3 -0.5, 21 28 14.2 +0.4, 21 28 16.4 -0.6, 21 28 16.1 -1.0, 21 28 15.3 -0.2, 21 28 15.9 +0.2, 21 28 35.5 +0.3, 21 28 16.5 -1.1, 21 28 37.5 -0.4, 21 28 15.8 +1.1, 21 28 15.9 +0.9, 21 28 15.9 +0.9, 21 28 38.6 -0.6, 21 28 17.3 +0.1, 21 28 38.2 +0.5, 21 28 16.4 +0.9, 21 28 36.7 +0.5, 21 28 17.5 +0.2, 21 28 40.1 -2.0, 21 28 17.7 +0.9, 21 28 39.8 +1.3, 21 28 17.6 +1.0, 21 28 18.3 +0.5, 21 28 39.6 +1.1, 21 28 17.0 +0.2, 21 28 39.0 +0.5, 21 28 18.7 -0.5, 21 28 13.3 +0.2, 21 28 19.1 +0.0, 21 28 20.5 0.0, 21 28 20.6 +0.2, 21 28 44.5 -2.0, 21 28 20.3 -0.2, 21 28 18.6 +0.9, 21 28 40.0 +0.9, 21 28 20.1 -0.6, 21 28 19.1 -0.6, 21 28 40.6 +0.4, 21 28 22.0 +0.4, 21 28 22.3 -0.9, 21 28 23.3 -0.1, 21 28 23.4 +0.1, 21 28 23.0 +1.3, 21 28 21.3 +0.8, 21 28 23.7 +1.5, 21 28 20.2 -0.3, 21 28 40.9 -0.3, 21 28 22.0 +1.6, 21 28 45.1 +0.1, 21 28 21.2 +0.1, 21 28 40.6 +0.6, 21 28 21.0 +0.3, 21 28 44.3 -1.4, 21 28 21.6 +0.2, 21 28 24.1 -0.9, 21 28 25.2 +1.6, 21 28 49.5 +2.1, 21 28 25.0 +1.9, 21 28 51.3 +1.5, 21 28 25.3 +2.1, 21 28 52.4 +2.1, 21 28 37.5 -0.7, 21 28 54.9 +0.9, 21 28 25.2 +1.7, 21 28 54.0 0.0, 21 28 25.1 +1.5, 21 28 25.2 +1.6, 21 28 52.0 +2.0, 21 28 25.4 +1.6, 21 28 25.9 -1.5, 21 28 25.7 +1.4, 21 28 27.1 +2.3, 21 28 37.7 +0.2, 21 28 29.2 0.0, 21 28 28.0 +1.0, 21 28 58.8 +2.0, 21 28 29.0 +1.1, 21 28 30.7 +1.0, 21 28 37.7 +0.1, 21 28 31.1 +1.1, 21 29 02.5 +1.2, 21 28 33.1 +2.8, 21 28 33.0 +1.3, 21 28 34.9 +1.3, 21 28 32.5 +1.1, 21 28 36.9 +0.9, 21 28 39.6 +0.6, 21 28 40.1 +0.6, 21 28 19.0 -0.3, 21 28 40.9 +1.3, 21 28 41.0 +0.6, 21 28 45.2 +1.4, 21 28 43.7 -0.1, 21 28 46.7 +0.1, 21 28 48.0 +0.9, 21 28 52.9 +1.4, 21 28 52.9 +1.4

Table with columns: VIC 17 21:37:02.9, 0.5, 51.43N, 16.25E, h0km, mb2.4/4, ml2.4/7, ml2.3/7, Error ellipse: s-maj=6.8km s-min=3.9km az=84.0, 5 km NE of Lulu, Suspected Mining, induced, 21 25 17.9 -2.1, 21 21 31.6 -1.3, 21 28 35.1 +0.4, 21 28 27.8 +2.2, 21 28 10.4 +0.5, 21 28 28.6 +2.3, 21 28 11.7 +1.4, 21 28 29.1 +2.2, 21 28 10.8 +0.3, 21 28 12.0 +0.6, 21 28 11.8 +0.3, 21 28 30.1 +0.8, 21 28 13.2 -0.7, 21 28 31.2 +1.9, 21 28 12.4 +0.2, 21 28 13.9 +2.7, 21 28 12.2 +0.5, 21 28 29.6 -0.4, 21 28 14.4 -0.4, 21 28 34.0 +0.9, 21 28 14.2 -0.6, 21 28 32.8 -0.6, 21 28 13.8 -1.1, 21 28 13.8 -1.1, 21 28 14.2 -1.0, 21 28 33.0 +1.0, 21 28 14.5 -1.1, 21 28 33.5 -1.0, 21 28 15.7 +0.4, 21 28 15.9 +0.5, 21 28 15.3 -0.5, 21 28 14.2 +0.4, 21 28 16.4 -0.6, 21 28 16.1 -1.0, 21 28 15.3 -0.2, 21 28 15.9 +0.2, 21 28 35.5 +0.3, 21 28 16.5 -1.1, 21 28 37.5 -0.4, 21 28 15.8 +1.1, 21 28 15.9 +0.9, 21 28 15.9 +0.9, 21 28 38.6 -0.6, 21 28 17.3 +0.1, 21 28 38.2 +0.5, 21 28 16.4 +0.9, 21 28 36.7 +0.5, 21 28 17.5 +0.2, 21 28 40.1 -2.0, 21 28 17.7 +0.9, 21 28 39.8 +1.3, 21 28 17.6 +1.0, 21 28 18.3 +0.5, 21 28 39.6 +1.1, 21 28 17.0 +0.2, 21 28 39.0 +0.5, 21 28 18.7 -0.5, 21 28 13.3 +0.2, 21 28 19.1 +0.0, 21 28 20.5 0.0, 21 28 20.6 +0.2, 21 28 44.5 -2.0, 21 28 20.3 -0.2, 21 28 18.6 +0.9, 21 28 40.0 +0.9, 21 28 20.1 -0.6, 21 28 19.1 -0.6, 21 28 40.6 +0.4, 21 28 22.0 +0.4, 21 28 22.3 -0.9, 21 28 23.3 -0.1, 21 28 23.4 +0.1, 21 28 23.0 +1.3, 21 28 21.3 +0.8, 21 28 23.7 +1.5, 21 28 20.2 -0.3, 21 28 40.9 -0.3, 21 28 22.0 +1.6, 21 28 45.1 +0.1, 21 28 21.2 +0.1, 21 28 40.6 +0.6, 21 28 21.0 +0.3, 21 28 44.3 -1.4, 21 28 21.6 +0.2, 21 28 24.1 -0.9, 21 28 25.2 +1.6, 21 28 49.5 +2.1, 21 28 25.0 +1.9, 21 28 51.3 +1.5, 21 28 25.3 +2.1, 21 28 52.4 +2.1, 21 28 37.5 -0.7, 21 28 54.9 +0.9, 21 28 25.2 +1.7, 21 28 54.0 0.0, 21 28 25.1 +1.5, 21 28 25.2 +1.6, 21 28 52.0 +2.0, 21 28 25.4 +1.6, 21 28 25.9 -1.5, 21 28 25.7 +1.4, 21 28 27.1 +2.3, 21 28 37.7 +0.2, 21 28 29.2 0.0, 21 28 28.0 +1.0, 21 28 58.8 +2.0, 21 28 29.0 +1.1, 21 28 30.7 +1.0, 21 28 37.7 +0.1, 21 28 31.1 +1.1, 21 29 02.5 +1.2, 21 28 33.1 +2.8, 21 28 33.0 +1.3, 21 28 34.9 +1.3, 21 28 32.5 +1.1, 21 28 36.9 +0.9, 21 28 39.6 +0.6, 21 28 40.1 +0.6, 21 28 19.0 -0.3, 21 28 40.9 +1.3, 21 28 41.0 +0.6, 21 28 45.2 +1.4, 21 28 43.7 -0.1, 21 28 46.7 +0.1, 21 28 48.0 +0.9, 21 28 52.9 +1.4, 21 28 52.9 +1.4

Table with columns for station name, frequency, and other parameters. Includes stations like Panska Ves, Kraliky, Berggiesshubel, Richard, Hora Svate Kat, Collm, Moravsky Berou, Ostrava-Krasne, Zvivok, Moravsky, Novy Kostel, Velka Javorina, Kasperske Hory, Cesky Krumlov, Alland / Wiene, Bornholm Skovb, Conrad Observa, Rosalia, Austr, Molin, Bad Ischl, Aus, Lund, Blekinge, Bjuv.

IDC 17 22:01:33.3:3.5, 18:40N:146.60E, h0km, mb3.8/5, mbtm3.8/5, MS3.3/2, Error ellipse: s-maj=143.6km s-min=34.1km az=80.0, Mariana Islands

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like KRSR, WRA, MKAR, KURBB, URZ, BVAR, FINES, WRA, WRA.

ATH 17 22:23:15.8, 37.21N:20.52E, h12km, 1km, ML3.0/13, Latitude uncertainty: 1 km, Longitude uncertainty: 1 km

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like LTHK, Kipseli, ZARO, Valsamata, Artemida-Makis, Pyllos, Lixouri, Methoni.

Table with columns for station name, frequency, and other parameters. Includes stations like Damouliana-K, Ithomi, Rioliol of Patr, Valyra, Araxos, Drossia, Plevrona-Mesol, Prodromos, Kalavyrtia, Ach, LAKA, Placans, Celeste, Joppo, Antillo, Augusta, HAGA, HAVL, Sortino, SSS, HPAC, Carlentini, Lentini, HMDC, Raffo Rosso, Pietraepiza.

NEIC 17 23:03:11.3:1.4, 36.88N:0.08:141.1E:0.1, h82km, 7km, mb4.9/15, Error ellipse: s-maj=15.2km s-min=8.4km az=123.0

NIED 17 23:03:11.7, 36.87N:141.07E, h89km, MW3.9, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm; M=6.89; M0=5.36; M1=1.53; M2=3.33; M3=3.59; M4=2.36; Fault plane solution: M6.880000x10^14 NP1:0.62, 000000, 0.50, 000000, -1.86, 000000. NP2:0.237, 000000, 0.60, 000000, -7.92, 000000

IDC 17 23:03:11.4:0.8, 36.87N:141.10E, h89km, 7km, mb3.7/11, mbtm4.1/16, MS2.5/2, Error ellipse: s-maj=20.2km s-min=12.8km az=79.0

JMA 17 23:03:11.7:0.1, 36.9N:0.3:141.1E:0.4, h89km, MD4.0/39, MV4.2/39, E OFF IBARAKI PREF

JMA Felt Ji Ji at E OFF IBARAKI PREF

ISC 17 23:03:11.6:0.6, 36.89N:0.04:141.01E:0.06, h89km, 4km, n77, r=150/85, mb4.3/21, 12D, Near east coast of eastern Honshu

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like ONAJ, Fukushimafurd, Hitachi, Kawachi, Hitachinakayama, Minamisoutatoc, OTAMA OYAMA, Yaso, Marumori, Itakohorinouch, Yanaizu, Yonezawacardi, Ashikaga, Okura, Shirataka.

Table with columns for station name, frequency, and other parameters. Includes stations like Uonuma, Sasagawa, Matsushiro Arr, Kuroka, Inuyama, Hachioji jima 2, Mitsu, Temsun, Erimono, Monobe, Asahikawa, Ulaanbaatar, Songino Array, Makanchi Array, Makanchi, Redstone River, Kurchatov, Kurchatov Arr, Eielson Array, Eielson Array, Kavir River, Borovoye Array, Karatay Array, Art, Fitzroy Crossi, Warramunga Arr, Warramunga Arr, Akbulak array, Wrigley, Alice Springs, Marble, Parke, Parke, Forrest, FINESS Array B, FINESS Array B, NORSAR Array B, Main Array B, Flagg Ranch, Cone Mtn., Paradox Valley, Paradox Valley, Karavatt (AS076), Chertons Tower, Warramunga Arr, Alice Springs, Sengjo Array, Makanchi Array, Zalesovo Beam.

Table with columns: Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like Nazilli-Aydin, Foa, Esenkoy, Merkez, zmir-Karabur, etc.

RSNC 18 01:03:46.4+0.0, 7.17N: 17.33W, h2km, 3km, M2.2, ML1.9
FUJNV 18 01:03:49.6, 7.17N: 17.33W, h2km, MW3.2, Presumed earthquake

ISC 18 01:03:44.3+1.4, 7.25N: 17.33W, h2km, 14km, n17, 0.090/32, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like Barrancabermeje, Barichara, Ocana, etc.

GII 18 01:04:01.6+0.0, 35.63N: 26.33E, h0km, Mw3.9, confirmed

IDC 18 01:04:02.6+0.0, 35.71N: 26.25E, h0km, mb4.2/6, mbtmp3.9/13, ML3.2/5, Error ellipse: s-maj=15.5km

ISK 18 01:04:04.2+35.70N: 26.26E, h6km, ML3.6/28
NEIC 18 01:04:04.7+17.35S: 59N: 0.04+26.28E: 0.03, h10km, 1km, mb4.2/5, Error ellipse: s-maj=7.9km s-min=3.9km

THE 18 01:04:05.8+36.12N: 2.2+2.6E, h17km, 3km, M3.7/14, MLh3.7/14

ATH 18 01:04:05.5+35.63N: 26.34E, h24km, 2km, ML3.8/13, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISC 18 01:04:05.0+0.5, 35.63N: 0.02+26.38E: 0.02, h20km, 3km, n130, c1961/179, mb4.1/11, Crete

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like Siteia, Zakros, Karpathos, etc.

Main table with columns: Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like Neapolis, Ancient Thera, Santorini-Mono, etc.

Table with columns: Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like Ai Uja, Timpagrande, Yattir, etc.

18d 1h

Table with columns for call sign, name, frequency, and other details. Includes stations like PEIG Puerto Escondido, PCIG Pico Tres Padr, and various local stations.

2020 DEC

Table with columns for call sign, name, frequency, and other details. Includes stations like CUP5 Mexico City, MHVM Bosque de Chap, and various local stations.

852

Table with columns for call sign, name, frequency, and other details. Includes stations like PECS Pecos, Z35A Perchaven, and various local stations.

Table with columns: PV22, Blue Mesa, Par, 24.54 334, Iamb, Iamb, 01 12 16.8, etc. Includes various station codes and coordinates.

Table with columns: SCB 18 01:24:28.1, 4, 20, 73S, 67.96W, h156km, 21km, ML2.5/2, Error ellipse: s-maj=8.3km s-min=5.9km az=1.0, Southern Bolivia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like PV22, PV23, etc.

Table with columns: SMG, SMG, Samos, 0.20 259, S, AML, P, 01 22 58.5 -0.2, etc. Includes various station codes and coordinates.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like mbtmp3.6/12, ML3.0/4, Error ellipse: s-maj=30.5km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONGM SONGM, PALK Pallekele, NRIK Nori'sk, etc.

SJA 18 03:01:55.9.1.7, 29.72S; 68.65W, h116km, 3km, ML4.0, MW3.9
IDC 18 03:01:56.3.1.7, 29.67S; 68.40W, h105km, 15km, mb3.6/7,
mbtm3.9/10, Error ellipse: s-maj=24.6km s-min=14.8km
az=113.0
NEIC 18 03:01:56.9.1.4, 29.73S; 68.06W, h113km, 6km,
mb4.4/10, Error ellipse: s-maj=11.7km s-min=8.0km
az=74.0
VAO 18 03:02:00.1.1.8, 30.10S; 68.28W, h183km, 15km, mb3.9,
Presumed earthquake
ISC 18 03:01:56.1.0.6, 29.72S; 0.03, 68.67W, 0.03, h116km, 5km,
n91, 1969/105, mb4.2.9, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGUA GUANDACOL, ACVJ Cuestel del Vie, AROD Rodeo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AC02 Maricunga, ARCO CERRO ARCO, AAGR Agrelo, etc.

IDC 18 03:05:15.6.1.3, 0.17S, 122.40E, h0km, mb3.5/4,
mbtm3.7/6, ML3.6/2, Error ellipse: s-maj=30.6km
s-min=17.6km az=89.0
DJA 18 03:05:18.9.0.6, 0.5.3.12.3E, h13km, 9km, M4.2/12,
mB6.8/1, MLV4.2/12, Mw(MB)6.7/1
ISC 18 03:05:17.8.1.0, 0.18S; 0.06, 122.59E; 0.09, h10km, n13,
1966/14, mb3.6/4, Minahassa Peninsula, Sulawesi

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TTO1 TONANKAI O.B.S, TTO2 TONANKAI O.B.S, TTO3 TONANKAI O.B.S, etc.

IDC 18 03:28:55.1.1.6, 6.49S; 129.27E, h0km, mb3.4/1,
mbtm3.6/3, ML3.8/2, Error ellipse: s-maj=123.9km
s-min=24.0km az=67.0, Banda Sea

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

NEIC 18 03:35:15.5.2.1, 6.75S; 0.1, 157.0E; 0.1, h10km, 2km,
mb4.3/7, Error ellipse: s-maj=31.1km s-min=10.6km
az=40.0
IDC 18 03:35:25.6.5.6, 6.85S; 156.77E, h89km, 44km, mb3.7/10,
mbtm4.1/12, MS3.1/5, Error ellipse: s-maj=37.9km
s-min=20.5km az=97.0
ISC 18 03:35:19.2.0.7, 6.95S; 0.1, 156.95E; 0.09, h35km, n34,
1918/25, mb4.1/13, MS3.1/3, Bougainville-Solomon
Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include HNR Honiara, RABL Rabaul, PMG Port Moresby, etc.

MOS 18 03:53:40.6, 0.9, 36.57N; 170.95E, h195km, mb4.2/6, Error ellipse: s-maj=10.2km s-min=4.2km az=75.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include KBL Kabul, DRK Karamyk, NIL Nilore, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include JMU Jammu, ARSB Arslanbob, ALCI Alchi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include THN Thein Dam, IUG Iuzhny, DHRM DHARAMSHALA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include NRN Naryn, UCH Uchter, DZA Taraz, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include AAK Ala-Archa, ULHL Ulahoh, BOOM Boomsokoye usch, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include HNLY Hanley, SATY Saty, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include KAPI Kappang, SONM Songio Array, QSPA South Pole Q, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include MKAR Makanchi Array, ZALV Zalesovo Beam, KURB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include NVAR Mina Array Bea, BVAR Borovoye Array, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include AB31 Akbulak array, KURK Kurchatov, SEM Semipalatinsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include BVAR Borovoye Array, BORK Borovoye, BORK Borovoye, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include AKTO Aktyubinsk, AKTO Aktyubinsk, DGZ Jazzart, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include KIEV, FINES FINES Array B, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ARCES ARCES Array B, ARCES ARCES Array B, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include NB2 NORSAR Subarra, NOA NORSAR Array B, NC204 NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include YKA Yellowknife Arr, YKA WRA, WR8 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include JMA 18 04:06:53.6, 0.2, 25.1N; 122.44E, h0km, MV2.8/9, NW OFF ISHIGAKUJIMA IS, etc.

Table with columns: Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like WFSB Wu-fen Shan, ESAO Su ao, TNOU National Taiwa, etc.

Table with columns: Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like KVC, KRCW Kraslice, KRCW, SKC Skalna, etc.

Table with columns: Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like HIN Hinchinbrook I, CNPM China Pot, CNPM, DIV, etc.

SSNC 18 04:19:02.5±1.6, 17.74N, 83.02W, h20km±26km, mb3.7, MD3.7, ML2.6, 1D, Presumed earthquake, North of Honduras

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like Frank Sound, G, Blossom Villag, The Bluff, Cay, etc.

AEIC 18 04:30:40.3±1.1, 61.63N, 0.02±150.17W, 0.05, h50km±6km, Error ellipse: s-maj=3.6km s-min=2.6km az=122.0 NEIC 18 04:30:39.3±1.0, 61.63N, 0.03±150.17W, 0.05, h56km±7km, ML3.7/190, ML3.5(AEIC), Error ellipse: s-maj=4.0km s-min=3.0km az=193.0, Southern Alaska

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like Willow, Susitna One, Susitna One, etc.

PRU 18 04:29:50.2, 50.28N, 12.43E, h10km, MI0.9, 6C-5D, Swarm

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like WATe, Redoubt, Redoubt, etc.

WBNET 18 04:29:47.8, 50.27N, 12.44E, h10km, MI0.3, 6C-5D, Germany

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like Luby, Novy Kostel, Potky, Vackov, Studenec, etc.

WBNET 18 04:29:49.1, 50.27N, 12.43E, h10km, MI0.9, 6C-5D, Germany

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like WATe, Redoubt, Redoubt, etc.

PRU 18 04:29:50.2, 50.28N, 12.43E, h10km, West Bohemia Swarm

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like WATe, Redoubt, Redoubt, etc.

WBNET 18 04:29:50.9, 50.27N, 12.44E, h10km, MI1.6, 11C-9D, Germany

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like Luby, Novy Kostel, Potky, Vackov, Studenec, etc.

PRU 18 04:29:50.2, 50.28N, 12.43E, h10km, West Bohemia Swarm

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like WATe, Redoubt, Redoubt, etc.

PRU 18 04:29:50.2, 50.28N, 12.43E, h10km, West Bohemia Swarm

Table with columns: Code, Station Name, Magnitude, Quality, Phase, Time, Res. Includes stations like WATe, Redoubt, Redoubt, etc.

18d 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like K27K, L16K, BVCY, etc.

NNC 18 04:45:55.4-6.5, 37.12N-71.12E, h92km, 104km, mb3.6, mpv4.1, Error ellipse: s-maj=51.9km s-min=36.8km az=14.0

IDC 18 04:45:56.7-9.3, 37.25N-71.53E, h110km, 74km, mb3.2/5, mbtmp3.7/9, ML3.1/4, Error ellipse: s-maj=76.0km s-min=28.7km az=176.0

ISC 18 04:45:51.8-1.0, 36.83N-070.714E-0.1, h106km, n27, z=62/34, mb3.5/5, 4C-2D, Afghanistan-Tajikistan border region

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR, KURBB, KURBB, etc.

WEL 18 05:05:02.7-1.1, 35.57-17.8E-1.5, h33km, M3.7/10, ML3.8/13, MLV3.7/10, Error ellipse: s-maj=20.2km s-min=7.7km az=104.6, South of Kermadec Islands

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

ASRS 18 05:07:57.0-1.0, 54.65N-83.63E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 18 05:07:58.9-1.9, 54.59N-83.67E, h0km, mbtmp2.8/3, ML2.4/3, 2C-2D, Error ellipse: s-maj=16.8km s-min=11.6km az=158.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

NIED 18 05:24:06.0-1.31, 79N-131.92E, h26km, MW3.9, Moment Tensor Solution, s=13m, Moment tensor: Scale 10^14Nm; M3.49, Mw3.49, Mo=7.98, Mb=3.56, Mw=5.55, Mw=3.28; Fault plane solution: Mb=4.000x10^14 NP1: 0.144, 0.0000, 0.847, 0.0000, 2.23, 0.0000. NP2: 0.38, 0.0000, 0.873, 0.0000, 1.134, 0.0000.

JMA 18 05:24:06.0-0.1, 31.78N-02-131.9E-0.6, h26km, 1km, MW3.8/40, HYUGANADA REGION. JMA Felt I, J1 at HYUGANADA REGION. IDC 18 05:24:05.1, 31.72N-131.49E, h73km, 20km, mb3.4/7, mbtmp3.7/10, MS3.3/8, Error ellipse: s-maj=29.7km s-min=22.7km az=60.0

ISC 18 05:24:05.0-1.7, 31.77N-02-131.87E-0.07, h31km, 12km, n25, s=106/25, mb3.7/7, MS3.3/8, YKushu

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

TRN 18 05:32:29.3, 16.29N-60.96W, h33km, MD3.6, East of Guadaloupe, Leeward Islands

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

GII 18 05:37:06.3-0.0, 36.180N-02002-27.454E-0.001, h0km, Mw3.5, confirmed. IDC 18 05:37:09.7-1.3, 36.56N-27.48E, h105km, 17km, mb3.6/6, mbtmp3.9/11, MS2.9/1, Error ellipse: s-maj=28.4km s-min=10.7km az=164.0

ISK 18 05:37:10.9, 36.69N-27.49E, h112km, ML3.2/24 AFAD 18 05:37:11.0, 36.73N-27.64E, h94km, 7km, ML3.2 THE 18 05:37:12.0, 37.12N-27.8E, h106km, 3km, M3.2/18, MLh3.2/18

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Dataca, Yaziky, Bodrum, Arkhangelos, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KORT, Korkueii, Basmaki-Afyon, Kemer-ANTALYA, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZAKROS, Agios Nikolaos, Neapolis, etc.

SOME 18 06:25:03.5, 41.93N, 81.88E, h5km
NINC 18 06:25:05.1, 1.4, 41.86N, 81.85E, h4km, 6km, mb4.0,
mpv4.0, Error ellipse: s-maj=10.5km s-min=8.3km az=13.0
ISC 18 06:25:02.7, 2, 42.28N, 0.09, 82.34E, 0.08, h10km, n34,
0183/52, 5C-2D, Northern Xinjiang

18d 6h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include SHLS Shalkode, PDGK Podgornoye, UZB Uzynbulak, etc.

18d 06:27:50.6: 0.6, 5.5: 25N: 167.15E, h0km, mb4, 1/19, mbmp4, 1/22, ML3, 9/3, MS3, 4/20, Error ellipse: s-maj=19.2km s-min=11.9km az=162.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include BKI Bering, KRBT Krutoberegovo, SMKR Semkarok, etc.

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Main table with columns: SRKR Sorokina, KLY Klyuchi, KZV Kizimen, etc. Includes various station codes and their corresponding data.

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Table with columns: JGF, KSRS Korea Array, JNU Nakatsue, etc. Includes various station codes and their corresponding data.

Table with columns: BRTR, WRA, ASAR, ASAR, RAO, QSPA. Includes station names like Keskin Array B, Warramunga Arr, Alice Springs, Alice Springs, Raoul Island, South Pole and associated seismic data.

OSPL 18 06:48:19.7:0.9, 18.58N:69.99W, h115km, 11km, ML2.2, Presumed earthquake

SDD 18 06:48:21.8:1.5, 18.83N:70.03W, h92km, 13km, MD2.5, ML2.2, MW3.8, Presumed earthquake

ISC 18 06:48:19.9:3.4, 18.70N:0.08:70.1W:0.1, h97km, 20km, n1, c1830/15, 4C-5D, Dominican Republic region

Main seismic data table for the first section, listing stations like Loma La Naviza, Santo Domingo, BANI, Alto Bandera, San Fco. de Ma, Santiago de los Rios, El Aguacate, El Esparillal, El Cajul, Ovi, Bahia de las A.

ASRS 18 07:05:28.0:0.7, 54.58N:83.63E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 18 07:05:27.9:2.4, 54.58N:83.62E, h0km, mbtmp2.9, ML2.6/2, Error ellipse: s-maj=25.9km s-min=12.1km az=153.0, Southwestern Siberia

Table with columns: I46RU, ZALV, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR. Includes stations like Zalesovo Infra, Zalesovo Beam, Kurchatov Arr, Makanchi Array.

ISC 18 07:30:46.3:2.5, 54.69N:83.73E, h0km, mbtmp2.7, ML2.6/2, Error ellipse: s-maj=23.9km s-min=11.6km az=157.0

ASRS 18 07:30:46.0:1.1, 54.58N:83.58E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

NCC 18 07:30:48.5:2.4, 54.61N:83.82E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=23.2km s-min=6.9km az=17.0, Suspected Mining explosion

ISC 18 07:30:42.0:4.4, 55.1N:0.3:84.3E:0.1, h0km, n7, c1804/10, 3C-5D, Southwestern Siberia

Main seismic data table for the second section, listing stations like Zalesovo Infra, ZAAO, ZAAO, ZALV, KURK, KURK, KURK, KURBB, KURBB, KURBB, MKAR, MKAR, MKAR.

ISC 18 07:34:35.0:4.4, 53.82N:88.33E, h0km, mbtmp2.6, ML2.3/1, Error ellipse: s-maj=40.1km s-min=23.3km az=53.0

ASRS 18 07:34:34.0:1.4, 53.79N:88.26E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia

Table with columns: I46RU, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR, MKAR.

ISC 18 07:43:49.1:2.5, 1.56N:127.61E, h0km, mb3.4/3, mbtmp3.5, Error ellipse: s-maj=213.6km s-min=25.2km az=67.0

DJA 18 07:44:02.1:1.4, 1.1N:3.12E:5E.1, h17km, 16km, M3.3/6, MLV3.3/6

ISC 18 07:43:58.5:1.8, 1.1N:0.1:128.5E:0.1, h22km, n5, c080/6, Presumed earthquake

Table with columns: GAMI, GAMI, GAMI, WRA, ASAR, MKAR. Includes stations like Galela, Maluku, Ternate, Warramunga Arr, Alice Springs, Makanchi Array.

ISC 18 07:47:18.7:1.6, 65N:124.48E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=193.7km s-min=21.7km az=64.0

DJA 18 07:47:38.9:1.3, 2.1N:12.12E:5E.1, h22km, 13km, M4.0/8, Presumed earthquake

ISC 18 07:47:20.7:1.4, 1.7N:0.2:124.5E:0.1, h10km, n6, c258/7, mb3.6/4, Minahasa Peninsula, Sulawesi

Main seismic data table for the third section, listing stations like Ternate, Galela, Maluku, Warramunga Arr, Alice Springs, Kurchatov Arr, Kurbatov Arr.

OTT 18 07:53:01.8:0.1, 72.40N:75.98W, h18km, MN3.6/7, 75km southeast from Pond Inlet, Nu Eastern Arctic Background Seismic Zone.

ISC 18 07:53:02.1:2.2, 71.87N:77.54W, h0km, mb3.0/1, mbtmp3.4/6, ML3.2/5, Error ellipse: s-maj=55.0km s-min=10.2km az=49.0

DNK 18 07:53:04.2:3.7, 72.53N:75.35W, h10km, 35km, ML2.4, Presumed earthquake

ISC 18 07:52:56.5:0.7, 72.39N:0.05:75.99W:0.04, h10km, n21, c309/35, Baffin Island region

Main seismic data table for the fourth section, listing stations like Pond Inlet, Clyde River, Igloolik, Nuna, Thule, Kullorsuaq, Kullorsuaq, Kullorsuaq, Resolute Bay, Resolute Bay, Upernavik, Godhavn, North Greenland, Froberiser Bay, Froberiser Bay, Froberiser Bay.

ISC 18 07:57:01.5:3.5, 53.69N:88.11E, h0km, mbtmp2.7/2, ML2.6/2, Error ellipse: s-maj=27.8km s-min=20.9km az=54.0

ASRS 18 07:57:02.0:1.2, 53.63N:87.95E, h0km, M2.9(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia

Table with columns: I46RU, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR, MKAR.

ISC 18 07:58:31.8:0.7, 9.86S:117.37E, h0km, mb4.2/12, mbtmp4.3/17, ML4.2/5, MS3.3/4, Error ellipse: s-maj=17.1km s-min=11.3km az=52.0

DJA 18 07:58:36.1:0.8, 10.9S:9.117E.1, h10km, M4.9/17, mB5.1/1, mB5.0/4, MLV4.8/17, Mw(mB)4.5/1

NEIC 18 07:58:36.1:1.4, 10.24S:0.09:117.30E:0.07, h46km, 10km, mb4.3/7, Error ellipse: s-maj=12.5km s-min=9.4km az=190.0

ISC 18 07:58:35.2:0.5, 10.20S:0.05:117.36E:0.05, h34km, n68, c1956/69, mb4.3/14, MS2.9/3, South of Sumbawa

Main seismic data table for the fifth section, listing stations like Plampang, Taliwang, Sumb, Kabupaten Domp, Denpasar, Rangdjo, Negare, Sangaraja, Labuhan Bajo, Jajag, Banyuwana, Asem Bagus, Banyuglung, Ende, Flores, Bulukumba, Kappang, Kappang, Kappang, Pagerwojo, Baumata, Bati, Soe, Soe, Wanagama, Wanagama, Bungbulung, Bungbulung, Marble Bar, Marble Bar, Fitzroy Crossi.

Table with columns: CATAC, GCG, SNET. Includes stations like San Vicente Pa, Alcala de Sa, Lomas de Alarc, Las Nubes, Alotenango, Asuncion Mita, Yopocapa, San Blas, Universidad Ca, San Andres, Montecristo, Montecristo, Piomonte, Piomonte, Esquipulas, Esquipulas, Estanzuela, Za, Universidad Ev, Seminario San, El Apazote, Universidad Do, Loma Larga, La Laguna, Alcalda de S, Las Pavas, Las Pavas, Acacal, Centro de Oper, Centro de Oper, Alcaldia de Te, Retalhuleu, Paca, El Ranchito.

Main seismic data table for the sixth section, listing stations like San Vicente Pa, Alcala de Sa, Lomas de Alarc, Las Nubes, Alotenango, Asuncion Mita, Yopocapa, San Blas, Universidad Ca, San Andres, Montecristo, Montecristo, Piomonte, Piomonte, Esquipulas, Esquipulas, Estanzuela, Za, Universidad Ev, Seminario San, El Apazote, Universidad Do, Loma Larga, La Laguna, Alcalda de S, Las Pavas, Las Pavas, Acacal, Centro de Oper, Centro de Oper, Alcaldia de Te, Retalhuleu, Paca, El Ranchito.

ISC 18 07:57:01.5:3.5, 53.69N:88.11E, h0km, mbtmp2.7/2, ML2.6/2, Error ellipse: s-maj=27.8km s-min=20.9km az=54.0

ASRS 18 07:57:02.0:1.2, 53.63N:87.95E, h0km, M2.9(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia

Table with columns: I46RU, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR, MKAR.

ISC 18 07:58:31.8:0.7, 9.86S:117.37E, h0km, mb4.2/12, mbtmp4.3/17, ML4.2/5, MS3.3/4, Error ellipse: s-maj=17.1km s-min=11.3km az=52.0

DJA 18 07:58:36.1:0.8, 10.9S:9.117E.1, h10km, M4.9/17, mB5.1/1, mB5.0/4, MLV4.8/17, Mw(mB)4.5/1

NEIC 18 07:58:36.1:1.4, 10.24S:0.09:117.30E:0.07, h46km, 10km, mb4.3/7, Error ellipse: s-maj=12.5km s-min=9.4km az=190.0

ISC 18 07:58:35.2:0.5, 10.20S:0.05:117.36E:0.05, h34km, n68, c1956/69, mb4.3/14, MS2.9/3, South of Sumbawa

Main seismic data table for the seventh section, listing stations like Plampang, Taliwang, Sumb, Kabupaten Domp, Denpasar, Rangdjo, Negare, Sangaraja, Labuhan Bajo, Jajag, Banyuwana, Asem Bagus, Banyuglung, Ende, Flores, Bulukumba, Kappang, Kappang, Kappang, Pagerwojo, Baumata, Bati, Soe, Soe, Wanagama, Wanagama, Bungbulung, Bungbulung, Marble Bar, Marble Bar, Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Bocatomia Ro, Combarbal, Cerro Arco, Hualane, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like EL Transito, Llanos de Chal, Cerro La Cruz, etc.

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

MS4.5/9, Error ellipse: s-maj=7.6km s-min=4.3km az=113.6
JMA 18:09:09:56.6,0.0,34.49N,0.09:139.38E,0.2,h11km,
MD5.0/39,MW4.9/39,NEAR NIJUIA ISLAND
JMA Felt V J1 at NEAR NIJUIA ISLAND.
GFZ 18:09:09:57.9,0.3,34.49N,0.13:139.38E,0.1,h10km,M5.0/19,
mb5.0/19
GCMT 18:09:09:59.3,0.2,34.47N,0.10:139.28E,0.01,h17km,1km,
MW5.0/122, Moment Tensor Solution. s36,c42;
s122,c180; Duration: 0 Moment tensor: Scale 10^16Nm;
Mw=0.43, Ms=2.26, Mb=2.26, Mo=2.69, Mo=2.69; Mw=0.59; 22;
Mw=2.24; 08; 0.57; 21; Best double couple:
M=3.42800e+10 N m, N1=0.200000, S=0.770000;
lambda=0.000000, NP2=0.29400000, delta=0.000000, lambda=0.000000;
Principal axes: T: 3.6900, P: 10.0000, Azm=248.0000; N:
-0.5210, Plg=77.0000, Azm=105.0000; P: -3.1670,
Plg=7.0000, Azm=340.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
BGR 18:09:10:00.5,33.53N,139.45E,h33km,mb5.3,Ms4.6
ISC 18:09:09:57.3,0.4,34.49N,0.02:139.38E,0.03,h13km,2km,
h13km:pp-P,n511,c1965468,mb4.9/184,MS4.3/94,
11C-13D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Lat, Lon, Op, Phase ID, Time, Res. Rows include stations like JTHY, JNIO, JSKK, etc.

Main table with columns: STA, Name, Az, M, S, P, Az, M, S, P, Az, M, S, P, Az, M, S, P. Rows include stations like JYTA, TSUJ, JSB, etc.

Main table with columns: STA, Name, Az, M, S, P, Az, M, S, P, Az, M, S, P, Az, M, S, P. Rows include stations like TIA, TIA, TIA, etc.

18d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FORT Forrest, STKA Stephens Creek, YKA Yellowknife Ar, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PINE Pilot Rock, G08A Pilot Rock, MNK Minsk, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like RAYN Ar Rayn, HWUT Hardwire Ranch, GWY Greenwater Val, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like FINES, NC303, KKAR, BORK, ARCES, etc.

NEIC 18 09:26:25.8, 1.8, 14.3°N; 0.1x120.7E; 0.1, h133km, gkm, mb4.4/29, Error ellipse: s-maj=19.7km s-min=14.6km

MAN 18 09:26:26.0, 14.25°N, 120.37°E, h128km, MS3.4, DC 18 09:26:27.0, 1.0, 14.24°N, 120.73°E, h155km, 10km, mb3.8/20, mbtmp4.2/20, MS3.6/2, Error ellipse: s-maj=20.6km s-min=10.9km az=62.0

ISC 18 09:26:26.9-0.4, 14.31°N; 0.05; 120.55E; 0.06, h150km, n77, r1545/86, mb4.2/32, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like TG, QVPH, GOP, BOLP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like AB31, AKBAR, ARTI, etc.

SOME 18 09:35:10.5, 41.20°N; 83.55°E, h15km, NNC 18 09:35:14.3, 2.1, 41.33°N; 83.36°E, h9km, 17km, mb3.5, mpv3.0, Error ellipse: s-maj=19.9km s-min=13.4km

ISC 18 09:35:13.2, 2.6, 41.33°N; 0.1; 83.37°E; 0.09, h10km, n22, r2663/35, 1C-2D, Southern Xinjiang

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

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

IDC 18 10:16:44.1, 3.9, 38.07°N; 72.21°E, h0km, mb3.9/3, mbtmp3.8/7, ML3.2/4, Error ellipse: s-maj=65.2km s-min=31.3km az=165.0

NNC 18 10:16:49.4, 3.7, 38.37°N; 71.73°E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=29.3km s-min=19.0km az=167.0

SOME 18 10:16:50.1, 38.38°N; 71.90°E, h5km, ISC 18 10:16:48.5, 1.6, 38.43°N; 0.1; 71.78°E; 0.10, h10km, n14, r2845/20, mb3.8/3, 5C-1D, Afghanistan-Tajikistan border region

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

GFZ 18 10:16:45.2, 6.17°S; 147.42°E, h39km, Mw5.2/40, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mrr: 7.2; Mth: 7.54; Mtt: 1.18; Mtr: 1.00; Mtr: 1.64; Mtr: 1.31;

MOS 18 10:16:48.3, 1.0, 6.28°S; 147.41°E, h40km, mb5.1/38, Error ellipse: s-maj=9.5km s-min=5.6km az=108.1

NEIC 18 10:16:50.5, 6.38°S; 147.32°E, h36km, Moment Tensor Solution, Duration: 2s1, Moment tensor: Scale 10^16Nm; Mrr: 7.48; Mth: 7.33; Mtt: 0.16; Mtr: 1.69; Mtr: 3.26; Mtr: 0.90;

GCMT 18 10:16:50.7, 0.1, 6.42°S; 0.0; 147.47°E; 0.01, h39km, Mw5.2/125, Moment Tensor Solution, s125, c185, s117, c185, Duration: 180, Moment tensor: Scale 10^17 Nm; Mrr: 0.78; 0.1; Mtr: 0.74; 0.1; Mtr: 0.04; 0.1;

IDC 18 10:16:51.6, 1.3, 6.34°S; 147.52°E, h68km, 12km, mb4.3/22, mbtmp4.7/28, MS4.5/57, Error ellipse: s-maj=12.9km s-min=7.0km az=99.0

DJA 18 10:16:52.1, 0.4, 6.3°S; 14.8°E, h70km, 3km, MS.3/67, MB5.8/37, mb5.6/67, MLV5.6/3, Mw(mb)5.3/37, MwMwp4.8/7, Mwp5.1/7

ISC 18 10:16:49.6, 3.6, 31°S; 0.03; 147.54°E; 0.04, h42km, 3km, h42km; pp-P, n50.2, r143/499, mb5.1/152, MS4.6/66, 6C-7D, Eastern New Guinea region

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

18d 10h

Table with columns for station code, 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).

2020 DEC

Table with columns for station code, 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).

870

Table with columns for station code, 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 name, time, and other parameters. Includes stations like NAKUTSU, SUZUYAMA, ERIMO, ASAHIKAWA, etc.

Table with columns for station name, time, and other parameters. Includes stations like KAPANG, MAKANCHI ARRAY, KURCHATOV, etc.

Table with columns for station name, time, and other parameters. Includes stations like NOA, NORSAR ARRAY B, C15A, PAHR, etc.

JSN 18:11:52:48.9±1.1, 19:72N:76:36W, h16km, 13km, MD4.0, Presumed earthquake
SSNC 18:11:52:48.1±1.6, 19:76N:76:34W, h6km, 9km, MD3.6, ML3.4, MW3.6, Presumed earthquake
ISC 18:11:52:45.2±1.1, 19:73N:0:03:76:38W±0.03, h17km, 9km, n25, c1931/49, 3C-13D, Cuba region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes stations like CHIVIRO, SANTIAGO DE CU, LAS MERCEDES, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HLGC Holguin, GTBY Guantanamo Bay, QMBU Quimbo, etc.

UPA 18 12:08:31.21-2.1, 7.72N, 81.61W, h2km, 1km, MW4.3, Fault plane solution: NP1=293.49000°, 887.42000°, 14.78000°. Presumed earthquake
RSNC 18 12:08:32.6-0.0, 8°N, 7°8'2W, h4km, 7km, mb4.6, mb3.8, ML3.3, Mw(mb)3.8
NEIC 18 12:08:32.2-1.7, 7.70N, 0.03:81.66W, 0.07, h10km, 2km, mb4.4/4, Error ellipse: s-maj=11.5km s-min=5.7km az=261.0
CATA 18 12:08:34.2-0.7, 8°N, 3°8'2W, h9km, 5km, M4.6/25, mb4.5/12, m5.6/4, ML4.5/25, Mw(mb)5.1/4, Error ellipse: s-maj=5.9km s-min=2.4km az=20.2 Moment tensor Solution: Moment tensor: Scale 10^15Nm; Mr:0.07; Ms:0.70; Mz:0.77; Mn:0.10; Mw:0.92; Mx:0.55; Fault plane solution: M1:3.0904x10^15 NP1=30.102, 385.54°, 69.70099°, 1-8.41063°. NP2=200.32192, 882.11515°, 1-159.49858°. Principal axes: T: 1.1677, Plg6.5288°, Azm332.3679°; N: 0.2474, Plg6.0957°, Azm220.4692°; P: -1.4151, Plg2.0178°, Azm65.4999°; confirmed
IDC 18 12:08:37.8-2.3, 9.08N, 81.27W, h0km, mb3.6/7, mbmp3.7/9, ML3.4/2, MS3.3/2, Error ellipse: s-maj=59.2km s-min=13.8km az=10.0
ISC 18 12:08:32.1-1.0, 7.71N, 0.04:81.59W, 0.02, h16km, 6km, h109, 1165/162, mb3.7/7, 10C-7D, Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVID3 Puerto Vidal, GMAL Guarumal, ISECA Islas Secas, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CDITO Canoas, BRU2 Volcan, PEDA3 Pedasi, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR6.86, TXAR Lajitas Array, etc.

IDC 18 12:18:43.5-1.1, 33.11N, 140.11E, h0km, mb3.6/6, mbmp3.6/7, ML2.5/1, Error ellipse: s-maj=36.9km s-min=16.2km az=79.0
JMA 18 12:18:46.0-1.1, 33.5N, 0.5:141.1E, 0.4, h44km, 1km, MV3.3/29, E OFF HACHUOJIMA ISLAND
ISC 18 12:18:45.6-1.4, 33.47N, 0.07:141.2E, 0.1, h35km, n17, 4083/14, mb3.7/6, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHU2 Mitsune, BSO1 Boso 1, etc.

IDC 18 12:31:29.3-0.8, 75.32N, 7.92E, h0km, mb3.8/12, mbmp3.8/16, ML2.7/2, MS3.3/5, Error ellipse: s-maj=16.2km s-min=11.2km az=55.0
NAO 18 12:31:29.6-0.8, 75.42N, 8.45E, h10km, ML3.7
NEIC 18 12:31:29.0-1.4, 75.35N, 0.08:8.1E, 0.3, h10km, 1km, mb4.6/14, Error ellipse: s-maj=14.5km s-min=13.4km az=209.0
KOLA 18 12:31:30.8, 75.65N, 7.99E, h0km, ML3.0, Greenland sea, Knipovich ridge, south
BER 18 12:31:30.5, 4.2, 75.44N, 8.07E, h10km, Mw4.7, mb4.7(USGS), Confirmed Earthquake
DNK 18 12:31:32.6, 3.5, 75.35N, 7.79E, h36km, 39km, ML2.3, Confirmed earthquake
FCIAR 18 12:31:33.0, 75.33N, 9.38E, h10km, station OMEGA with station magnitude of 3.60
ISC 18 12:31:29.8-0.5, 75.49N, 0.04:8.14E, 0.05, h10km, n108, 4248/133, mb4.3/23, MS3.3/3, 1C, Greenland Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRBA Barentsburg A, BJO1 Bjornoya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kilpisjärvi, Scoresbysund, Teriberka, Apatity Array, Lovozero, North Greenlan, Norsar Array B, Fines Array S, Malin Array B, Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like White River Ci, Trail Mountain, Blue Mesa, Cone Mtn., Paradox Valley, Nanjing, Alpine, Lajitas Array, Honshu, Toshihahigashi, Nijimaohara, Shikinejimakit, Oshima 3, Kamata3, Mizukoshi, Hachioji jima 2, Matushiro Arr, Ussuriysk Arr, WAKE ISLAND, Kurchatov Arra, Warramunga Arr, Alice Springs, Pinedale Array, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Niue, Mare, Loyalty, Pines Island, Mout Dzumac, KOUNC Koumac, New Ca, KOUNC Koumac, New Ca, TOZ Tahuroa Road, Urewera, Ruatahuna, Lake Benmore, Eidsvold, Mavora Lakes, Armidale, Port Moresby, Cobar Meteorol, Quilpie, Ballarat, Stephens Creek, Innaminka, Hallett, Murray Bridge, Gernsey, BBOO Buckleboo, Kahlal, Cummins Area S, Warramunga Arr, Alice Springs, ASAR, ASAR, ASAR, AULC St Philip's Co, MTN, FITZ Fitzroy Crossi, SOEI, SOEI, SANI, MBWA Marble Bar, MBWA Marble Bar, MEEK, KLBRR, BLAU, PLAI, JAGI, MJAR, UGM, UGM, TPUB, GSPA, GSPA, GSPA, BBUJ, PETK.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Nanjing, Kwethluk, Mina Array, BinXian, Circle Bar, North Rim, Eielson Array, etc.

IDC 18 12:59:38.1-3.8, 18.54N-147.52E, h0km, mb3.7/6, mbmp3.7/6, MS3.5/2, Error ellipse: s-maj=157.1km s-min=24.3km az=83.0

ISC 18 12:59:42.7-3.5, 18.5N, 0.2x14.8E, h35km, n14, 0.0815/6, mb3.6/6, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, etc.

IDC 18 13:41:39.8-2.1, 34.41N-139.23E, h0km, mb3.4/4, mbmp3.4/5, ML2.9/1, Error ellipse: s-maj=78.1km s-min=17.3km az=75.0

JMA 18 13:41:39.9-0.0, 34.5N, 0.1x1.39x3E:0.3, h9km, MV3.2/39, NEAR NIJIMA ISLAND

JMA Fell II J1 at NEAR NIJIMA ISLAND. ISC 18 13:41:39.9-0.9, 34.48N, 0.02x139.35E:0.03, h6km, 6km, n35, 0.088/37, mb3.5/4, 2D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JTHY Toshimihigashi, JTHY Niijimaohara, JNIO Shikinejimakit, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

IDC 18 14:35:24.3-1.2, 34.46N, 141.58E, h0km, mb3.5/5, mbmp3.4/6, ML2.5/1, MS2.2/1, Error ellipse: s-maj=34.7km s-min=22.8km az=66.0

JMA 18 14:35:28.3-0.1, 34.6N, 0.4x141.5E:0.6, h16km, 2km, MV2.8/23, FAR SE OFF BOSO PEN

ISC 18 14:35:28.4-1.2, 34.52N, 0.02x141.5E:0.1, h27km, n15, 0.087/11, mb3.5/5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, MJAR Matsushiro Arr, etc.

AFAD 18 14:48:55.8, 36.00N-44.17E, h7km, 1km, ML3.1, TEH 18 14:48:56.2, 35.95N-44.32E, h16km, 52km, ML3.0

Presumed earthquake. ISC 18 14:48:57.9-4.5, 35.65N, 44.48E, h16km, ML3.0

Presumed earthquake. ISC 18 14:48:49.8-1.3, 35.64N, 0.06x43.96E:0.07, h4km, 14km, n16, 0.081/24, Iraq

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAHB Mahabad, HAKT HAKKARI, YOVA Hakkari, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LOSC Kraliky, KRLC Kralic, JAVC Velka Javorina, etc.

IDC 18 15:06:52.5-1.1, 8.48S, 112.00E, h0km, mb3.7/9, mbmp3.7/9, MS3.2/1, Error ellipse: s-maj=56.4km s-min=18.4km az=44.0

DJA 18 15:06:57.3-0.3, 9.9S, 2x11.1E, h10km, M4.6/41, mb5.3/5, mb5.0/5, MLV4.3/41, Mw(BM)4.8/5

ISC 18 15:06:57.5-0.7, 9.44S, 0.07x110.87E:0.06, h35km, n47, 0.223/46, mb3.9/9, South of Jawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PCJ1 Pacitan, PCJ2 Pacitan, UGJM Wanagama, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND Hy 61.59 272 T T 17 30 58.4

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJCC San Jacinto, C 3.64 326 eP S 16 52 26.2 -2.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZEYE Izmir, Urla-Ze 0.51 318 P S Pg 17 18 51.3 -0.1

IDC 18 16:21:09.1.1.2.34.28N.139.14E, h0km, mb3.2/5, mbmp3.3/6, ML2.7/1, Error ellipse: s-maj=32.2km s-min=17.5km az=79.0

IDC 18 17:00:03.8.2.0.8.22S.129.81E, h0km, mb3.1/1, mbmp3.0/3, ML3.0/2, Error ellipse: s-maj=98.9km s-min=20.7km az=68.0, Timor Sea

comp=N, 228nm, 0.3s IAML 17 19 03.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTHY Toshihigashi 0.0 92 iP S Pg 16 21 12.6 +0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 12.45 160 Pn 17 02 57.2 -5.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UURLA Izmir 0.56 332 S IAML 17 19 05.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR Mataraka 0.43 342 iP S Pg 16 21 25.6 -2.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 12.45 160 Pn 17 02 57.2 -5.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZEYE Izmir 0.51 318 P S Pg 17 18 51.3 -0.1

IDC 18 16:22:01.3.1.4.0.24N.122.23E, h0km, mb3.2/4, mbmp3.2/4, Error ellipse: s-maj=203.6km s-min=23.2km az=64.0, Minnasha Peninsula, Sulawesi

IDC 18 17:11:51.1.0.9.26.39N.126.27E, h0km, mb3.6/9, mbmp3.7/10, ML2.8/1, MS3.1/1, Error ellipse: s-maj=22.0km s-min=17.7km az=61.0

IDC 18 17:22:42.0.1.5.58.50S.25.31W, h50km, 11km, mb4.4/12, mbmp4.6/14, ML4.6/2, MS4.1/34, Error ellipse: s-maj=16.3km s-min=13.7km az=61.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 23.30 150 P 16 27 11.4 +0.3

IDC 18 17:11:52.7.0.1.26.23N.106.126.26E.0.05, h13km, 10km, n40, 0.92/43, mb3.6/9, MS3.0/7, Ryukyu Islands

GCMT 18 17:22:41.8.0.2.59.3.2.5W, h35km, M5.0/30, mb4.9/30, confirmed

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 25.61 162 P 16 38 53.0 -0.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

IDC 18 16:33:22.1.2.4.4.52N.126.14E, h0km, mb3.4/5, mbmp3.4/5, Error ellipse: s-maj=224.7km s-min=22.9km az=65.0, Talau Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

RSNC 18 16:50:50.8.0.7.7.1N.1.7.3W, h140km, 2km, M2.7, ML2.3 FUNV 18 16:50:50.8.6.83N.73.15W, h149km, MW3.4, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

IDC 18 16:50:49.8.1.4.6.86N.0.03.73.12W.0.04, h143km, 9km, n26, 0.96/48, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC Barichara 0.27 192 P P 16 51 09.9 +0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

THE 18 17:18:42.0.38.1N.6.2.7E, h0km, 6km, M2.3/5, MLh2.3/5 ISK 18 17:18:41.1.37.86N.26.93E, h10km, ML2.6/12 AFAD 18 17:18:41.5.37.87N.26.93E, h7km, 2km, ML2.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

ISC 18 17:18:41.6.0.9.37.86N.0.02.26.93E.0.03, h12km, 7km, n25, 0.83/35, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2 0.47 86 Op P 17 12 08.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point 7.58 300 Op P 17 24 30.9 +2.2

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various radio stations.

NEIC 18 17:31.45:0.1.9. 17.7S:0.1x178.8W:0.1, h563km, 6km, mb4.4/32. Error ellipse: s-maj=20.6km s-min=17.5km az=140.0

IDC 18 17:31.46:3.1.6. 17.51S:178.91W, h577km, 17km, mb3.2/10, mbmtp4.1/12, Error ellipse: s-maj=27.6km s-min=15.2km az=142.0

ISC 18 17:31.43:0.0.6. 17.65S:0.1x178.79W:0.1, h550km, n58, r141/59, mb4.2/27, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FORT, FNRA, KNRA, FITZ, SOEI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes JMA 18 17:28:05.3, 1.0, 26.28N, 120.6E, etc.

Table with columns: MRZ, Mangatainoka R, 16.66 192, P, P, 18 31 50.9 -2.8. Includes stations like MRZ, Mangatainoka R, etc.

JMA 18 17:42:18.9, 0.2, 30.1N, 141.0E, h264km, MV3.6/15, NEAR TORISHIMA IS, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes CBJ, BS03, BS04, etc.

NOU 18 18:28:22.9, 24.29S, 179.83E, h436km, mb4.6/42, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes RAO, WAI, WAZ, etc.

JMA 18 17:57:29.1, 5.46, 69N, 84.70E, h8km, 9km, mb3.3, mpv3.4, Error ellipse: s-maj=14.9km s-min=6.0km az=95.0

Table with columns: MOO, MOORlands, TAU, TAU, etc. Includes stations like MOO, MOORlands, TAU, etc.

ISC 18 17:57:28.6, 1.0, 46.85N, 0.06, 84.98E, 0.05, h10km, n21, -2837/42, 2C-3D, Kazakhstan-Xinjiang border region

ISC 18 18:28:26.3, 0.2, 24.36S, 0.05, 179.98E, 0.05, h500km, n304, r198/303, mb4.6/107, 2C-2D, South of Fiji Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes ZSN, ZSN, MK31, MAZK, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes RAO, WAI, WAZ, etc.

ISC 18 18:28:27.1, 0.6, 24.3S, 18.0E, h508km, 6km, M4.7/39, mb4.7/39, Error ellipse: s-maj=8.9km s-min=8.6km

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes STKA, STKA, PMG, etc.

18d 18h

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like NLAI Namlea, MBWA Marble Bar, BLDU Balidu, SANI Sanana, MORW Morawa, TINTI Ternate, MMR1 Maumere, EDFI Ende, WSI Waingapu, CASY Casey, GIRL Giralia, LUWI Luwuk, BKSI Bulukumba, DBNI Kabupaten Domp, PLAI Plampang, TOLIZ Tolitoli, GSPA South Pole Qui, PKKI Palangkaraya, UGM Wanasaga, KKM Kota Kinabalu, BBUJ Bungbulang, YHNB Yeheng, LWLI Liwa, MDSI Maura Dua, MAW Mawson, MAW Mawson, MASI Maura Aman, KSRs Korea Array, PETK Petrovlovsk, NJ2 Nanjing, USRK Ussuriysk Arr, IPM Ipo, ELIB Princess Elisa, RPSI Rantau Prapat, BFSC Mount Baldy Rar, DL2 Dalian, BORC Borrego Spring, ISA Isabella, LAKE, O2D Mt. Diablo Mer, KHBM Hayfork Bally, CMB Columbia Colle, GSI Gunungsitoli, ORV Oroville, TROLL Troll, Antarti, O3E Paynes Creek, M2C Callahan, SNAA Sanae, VNA3 Neumayer Olymp, VNA3 Neumayer Olymp, VNA3 Neumayer Olymp, COYC Coyhaique, PNTR Pine Nut, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, HSG, NVAR Mina Array Bea, LL02 Futaleuf, LL02 Futaleuf, J05D Fort Rock, OR, WIFE Three Sisters.

2020 DEC

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like PINE Pine Mountain, TUC Tucson, WVOR Wild Horse Varr, G06A Carlson Farm, PLCA Paso Flores, LON Longmire, PKCU Pin Cliffs, G08A Pilot Rock, HAWA Hanford, H18K Innoko River, BMO Blue Mountains, MFID Camas Ranch, BIO2 San Fabin de, CMAR Chiang Mai Arr, CMAR SEY Chiang Mai Arr, CHTO Chiang Mai, CHTO Chiang Mai, CAST Castle Rocks, YHNR Van Horn, V2RA Socorro, HLID Hailey, MNTX Cornudas Mount, SRU San Rafael Svs, TX31 Lajitas Ar, TXAR Lajitas Array, TXAR HHC Hu-ho-hao-te, HHC, PV05 Paradox Valley, HWUT Hardware Ranch, ANMO Albuquerque, ANMO Albuquerque, PV01 Paradox Valley, TPB01 Permian Basin, TPB01, AHID Auburn Hatcher, AHID Auburn Hatcher, SAND Sanderson, BCAR Beaver Creek A, ILAR Eielson Array, ILAR Eielson Array, ILAR Pinedale Array, PDAR Pinedale Array, PDAR K22A Caspe, YKA Yellowknife Arr, MKAR Makanchi Array, MKAR, NRIK Noril'sk, NRIK Kurchatov, KURBB Kurchatov Arr, BVAR Borovoye Array, ARCES ARCESS Array B, ARCES ARCESS Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, NB2 NORSA Sarrat, NFA NORSA Arr, NAGCM Naroch, PABE Paberze, AKASG Malin Array Be, AKASG, BRTR Keskin Array B, BRTR Keskin Array B, MMAI Mount Aron Arr, EKA Eskdalemuir Arr, BUR08 Bucovinia Ar, BURAR Bucovinia Array, KOLS Kolonic sedl, KSIJ Ksiaz, LANS Lans, CLL Collin, GERES GERES Array B, ESDC Sonseca Array, ESDC Sonseca Array.

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Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like JJT3 Tamagusuku3, JNT3 Nagotoyohara, JOW KUNIGAMI, JOW KUNIGAMI, JNU Nakatsu, JNU Nakatsu, SONM Songino Array, MKAR Makanchi Array, KURBB Kurchatov Arr, YKAS Yeddo, YKAS Yeddo, CTAO Charters Town, CTAO Charters Town, PMG Port Moresby, PMG, BBOO Buckleboe, ASAR Alice Springs, ASAR, WRR Warramunga Arr, WRR, WBO Warramunga Arr, WBO, WRA Warramunga Arr, WRA, FORT Forrest, FORT, KNRA Kununurra, FITZ Fitzroy Crossi, GSPA South Pole Qui, GSPA, MAW Mawson, MAW, MAW Mawson, MAW, TROLL Troll, Antarti, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, NVAR Mina Array Bea, NVAR, TXAR Lajitas Array, TXAR, FINES FINES Array B, HFS Higgs, AKASG Malin Array Be, BRTR Keskin Array B, MMAI Mount Meron Arr, EKA Eskdalemuir Arr, BURAR Bucovinia Array, Code, Station Name, Az, El, P, S, SNR, Time, Res.

GFZ 18 18:58:27.0,0.2,24'S;3'6'7W, h195km, M4.0/12, mb4.0/12, confirmed

ISC 18 18:58:26.7,0.6,24.13S;0.04,66.94W,0.04, h196km,6km, n113, o1976/144, mb4.0/12, Salta Province

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

Main table with columns: PLCA, CLDB, YAO, LLO2, BDFB, PMNB, ATAH, VNAZ, SNA, SNA, SNA, WVT, MIAR, TXAR, TXAR, TXAR, GSPA, GSPA, ECSD, PDAR, ULM, ULM, HLID, MAW, MAW, MAW, YKA, ASAR, WRA, BVAR, ZALV, ZALV, KLR, SONM, CMAR, JMA, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Contains detailed station data and event information.

Table with columns: KOVA, BAYB, KARO, KARO, KALT, BAYT, ERZURUM, EMRE, ILIC, ILIC, KEMA, KEMA, ARPR, ARPR, DYBB, KYUT, KOPR, SVAN, SVAN, CHOM, CHOM, GURO, AGRB, SVSK, IDC 18 20:01:42.5, SONM, H112, H111, H113, H111, H113, H112, MKAR, KURBB, FINES, IDC 18 20:31:25.6, BATI, BATI, JAY, WRA, WRA, ASAR, MKAR, KURBB, IDC 18 20:45:46.4, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Contains station data and event information.

Azm103.0000°: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
NOU 18 20:49:44.5,35:19S:179:36W,h195km,mb4.3/12,East of North Island, N.Z.
ISC 18 20:49:14.8,0.2,32.72S,0.04,178.67W,0.05,h39km,2km,h39km:pp-P,n426,of163/416,mb5.1/83,MS4.4/43,20C-172,South of Kermadec Islands

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

Table with columns: EIDS, Eidsvold, Time, Res, ISC. Lists seismic events with their locations and characteristics.

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

18d 21h

Table of astronomical observations for 18d 21h, listing objects like LPIG, YSS, YSS, CO02, UNV, BFSC, etc., with their coordinates and observation details.

2020 DEC

Table of astronomical observations for 2020 DEC, listing objects like COLA, ILAR, BILL, YKA, HYB, etc., with their coordinates and observation details.

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Table of astronomical observations for 884, listing objects like MNK, MNR, MNR, etc., with their coordinates and observation details.

IDC 18 20:56:46.0-2.7, 39°27'N, 30°47'W, h0km, mb3.5/4, mIntp=3.6/4, MSJ.7/2, Error ellipse: s-maj=106.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists observation codes and station details.

JMA 18 21:05:58.3-0.3, 28°11'N, 1°14'11"E, h433km, 3km, MV3.9/22, W OFF OGASAWARA

NEIC 18 21:05:58.3-1.6, 28°23'N, 10°14'0.0"E, h427km, 8km, mb4.1/39, Error ellipse: s-maj=15.0km s-min=13.8km

IDC 18 21:06:00.8-1.8, 28°17'N, 139°84'E, h455km, 19km, mb3.5/24, mbtmp4.3/27, Error ellipse: s-maj=17.4km

ISC 18 21:05:58.1-0.4, 28°21'N, 10°06'14.0"E, h433km, nres, e1819.9N, mb3.9/43, 1C, Bonin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists observation codes and station details.

Table of station data for 885, including columns for station name, frequency, power, and other technical details.

Main table of station data for 2020 DEC, including columns for station name, frequency, power, and other technical details.

Table of station data for 18d 21h, including columns for station name, frequency, power, and other technical details.

Table with columns: ILAR, Eielson Array, 65.41 335 P, P, 21 34 05.3 -0.1, comp=2.0, 6nm, 0.9s, baz=77, slow=4.1, SNR=4.5

18d 21:30:08.9.0.9, 38.98N, 30.41W, h0km, mb4.0/12, mbmp4.0/12, Error ellipse: s-maj=29.4km s-min=18.0km az=164.0

NEIC 18 21:30:09.1.0.8, 38.7N, 0.1:30.3W, 0.1, h10km, 2km, mb4.6/5, Error ellipse: s-maj=26.5km s-min=15.0km az=156.0

ISC 18 21:30:09.9.0.8, 38.9N, 0.2:30.24W, 0.09, h10km, n22, #1923/21, mb4.1/13, Azores Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H07S1 FLORES T-PHASE, 0.91 304 P, P, 21 30 27.0 -0.8

SOF 18 21:31:06.8, 41.90N, 0.01:24.24E, 0.01, h14km, 1km, MD2.5/10

BEO 18 21:31:09.0.0.4, 41.90N, 24.24E, h0km, ML2.1/10

ISC 18 21:31:07.1.1.0, 41.91N, 0.02:24.27E, 0.02, h17km, 9km, n30, #082/55, 5C-7D, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, RZN Rozhen, 0.41 121 P, P, 21 31 15.9 -0.2

18d 21:34:26.5.1.5, 10.97S, 165.57E, h0km, mb3.7/4, mbmp3.8/5, ML4.1/1, MS3.1/2, Error ellipse: s-maj=38.2km s-min=20.6km az=86.0

NOU 18 21:34:33.8, 11.28S, 165.41E, h21km, mb4.6/11, Santa Cruz Islands

ISC 18 21:34:31.1.1.2, 11.14S, 0.08:165.7E, 0.1, h30km, n23, #128/16, mb3.8/4, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, HURO Huro Makira, 3.77 280 P, P, 21 35 27.1 -0.1

18d 21:35:32.9.0.7, 39.03N, 30.29W, h0km, mb3.9/17, mbmp4.0/17, Error ellipse: s-maj=23.3km s-min=15.1km az=167.0

NEIC 18 21:35:33.9.1.5, 38.98N, 0.0:30.3W, 0.1, h10km, 1km, mb4.5/23, Error ellipse: s-maj=21.0km s-min=6.4km az=130.0

ISC 18 21:35:33.7.0.6, 39.0N, 0.1:30.28W, 0.07, h10km, n49, #085/43, mb4.3/23, Azores Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H07S1 FLORES T-PHASE, 0.82 300 P, P, 21 35 51.6 +0.2

MDD 18 21:39:37.0.0.8, 36.48N, 7.79W, h9km, mb_Lg2.8/6, Error ellipse: s-maj=6.5km s-min=3.4km az=21.0

IGL 18 21:39:38.3, 36.43N, 7.82W, h20km, ML1.3, SFS 18 21:39:38.1, 36.42N, 7.78W, h27km, ML1.8/5, ML2.1/5, Error ellipse: s-maj=4.9km s-min=3.8km az=23.0

#DIST RANGE: LOCAL #IPMA REGION: Golfo de Cadiz

ISC 18 21:39:36.3.1.9, 36.38N, 0.09:7.79W, 0.04, h29km, 15km, n32, #070/61, ID, Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BARCO Barranco-do-ve, 0.86 352 P, P, 21 46 16.7 -0.5

comp=2.0, 8nm, 0.8s, baz=315, slow=4.6, SNR=5.6

ASAR Alice Springs, 159.67 46 PKPab, 21 56 10.2 -1.3

18d 21:38:21.7.0.9, 38.96N, 30.29W, h0km, mb4.0/15, mbmp4.0/15, MS3.8/1, Error ellipse: s-maj=31.2km s-min=16.5km az=163.0

NEIC 18 21:38:23.5.1.4, 39.0N, 0.1:30.4W, 0.1, h10km, 1km, mb4.6/16, Error ellipse: s-maj=23.7km s-min=14.0km az=196.0

ISC 18 21:38:23.1.0.8, 39.0N, 0.2:30.32W, 0.09, h10km, n45, #059/45, mb4.2/21, Azores Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H07S1 FLORES T-PHASE, 0.79 299 P, P, 21 38 39.8 -0.4

MDD 18 21:39:37.0.0.8, 36.48N, 7.79W, h9km, mb_Lg2.8/6, Error ellipse: s-maj=6.5km s-min=3.4km az=21.0

IGL 18 21:39:38.3, 36.43N, 7.82W, h20km, ML1.3, SFS 18 21:39:38.1, 36.42N, 7.78W, h27km, ML1.8/5, ML2.1/5, Error ellipse: s-maj=4.9km s-min=3.8km az=23.0

#DIST RANGE: LOCAL #IPMA REGION: Golfo de Cadiz

ISC 18 21:39:36.3.1.9, 36.38N, 0.09:7.79W, 0.04, h29km, 15km, n32, #070/61, ID, Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BARCO Barranco-do-ve, 0.86 352 P, P, 21 46 16.7 -0.5

Table with 4 columns: Code, Station Name, Az, Alt. Rows include stations like EGRO, PCVE, PTEO, MESJ, etc. with their respective coordinates and IDs.

IDC 18 21:42:02.3-1.1, 39°03'N-30°15'W, h0km, mb3.8/12, mbmp3.8/12, Error ellipse: s-maj=35.5km s-min=19.4km az=162.0

NEIC 18 21:42:03.5-1.5, 39°11'N-01°30'24W-0.08, h10km, 1km, mb4.4/11, Error ellipse: s-maj=25.0km s-min=8.8km az=163.0

ISC 18 21:42:03.0-0.6, 39°09'N-01°30'21W-0.09, h11km, n33, c0589/32, mb4.0/16, Azores Islands

Table with 5 columns: Code, Station Name, Az, Alt, Res. Rows include stations like H07S1, H07N1, ESDC, etc. with their respective coordinates and IDs.

IDC 18 21:45:25.0-0.6, 39°00'N-30°30'W, h0km, mb4.1/22, mbmp4.1/22, MS4.0/30, Error ellipse: s-maj=18.4km s-min=14.3km az=154.0

GCMT 18 21:45:26.8-0.4, 38°92'N-0°08'29'W, h18km, 2km, MW4.7/83, Moment Tensor Solution, s9.c9; s83.c97; Duration: 0 Moment tensor: Scale 10¹⁸Nm; Mr-1.43; 17; Mw0.37±.12; Mw1.06±.11; Mw0.75±.45; Mw0.06±.07; Mw-0.8±.30; Best double couple: M1.6310000×10¹⁶

NEIC 18 21:45:26.8-1.3, 39°09'N-01°30'26W-0.02, h10km, 1km, mb4.5/35, Error ellipse: s-maj=19.5km s-min=3.1km az=188.0

ISC 18 21:45:26.2-0.5, 38°96'N-0°09'30'W-0.06, h10km, n105, c0584/84, mb4.4/49, MS4.0/30, Azores Islands

Table with 5 columns: Code, Station Name, Az, Alt, Res. Rows include stations like H07S1, H07N1, ESDC, etc. with their respective coordinates and IDs.

Table with 5 columns: Code, Station Name, Az, Alt, Res. Rows include stations like BW06, ANMO, PV21, ALPN, F31M, etc. with their respective coordinates and IDs.

NEIC 18 21:50:50.1-1.2, 39°09'N-01°30'8W-0.1, h10km, 1km, mb4.6/7, Error ellipse: s-maj=26.4km s-min=9.4km az=151.0

IDC 18 21:50:50.0-0.8, 39°18'N-30°40'W, h0km, mb4.0/19, mbmp4.0/19, Error ellipse: s-maj=23.8km s-min=16.2km az=166.0

ISC 18 21:50:51.9-0.7, 39°11'N-01°30'39W-0.07, h10km, n33, c129/32, mb4.1/22, Azores Islands

Table with 5 columns: Code, Station Name, Az, Alt, Res. Rows include stations like H07S1, H07N1, ESDC, etc. with their respective coordinates and IDs.

19d Oh

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Borovey Arr, Pine Nut, Kuratov Arr, Zalesovo Beam, Makanchi, etc.

22 01 36.4 -0.1
22 02 10.0 -0.5
22 02 14.8 -0.4
22 02 34.9 -0.6
22 02 37.9
22 02 36.2 -0.3
22 02 34.3 -2.2
22 03 29.1 -0.1
22 03 28.3 -0.9
22 03 29.3 -0.8
22 03 30.3 -0.3
22 11 28.1 -1.6

IDC 18 21:58:08.42.9.39.20N:30.08W, h0km, mb3.8/k,
mbtm5.8/7, Error ellipse: s-maj=90.3km s-min=28.0km
az=177.0
NEIC 18 21:58:10.0.1.2.39.62N:0.10.30.1W:0.1, h10km, ijkM,
mb4.8/8, Error ellipse: s-maj=21.9km s-min=12.1km
az=230.0

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Hachiojima 2, JHU, JHJ, JHJ2, etc.

IDC 18 21:58:09.0.0.9.39.59N:0.2.30.1W:0.1, h10km, n20,
+137/20, mb4.0/8, Azores Islands

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Vila Bisbo, Sonseca Array, etc.

IDC 18 22:48:07.0.4.0.18.22N:0.4.64.70W:0.0, h136km, 14km,
ML2.7/33, Md3.7/5(RSPR), Error ellipse: s-maj=54.4km
s-min=5.4km az=183.0
RSRP 18 22:48:08.4.18.22N:64.84W, h143km, 1km, MD3.7/5
ISC 18 22:48:06.0.2.5.18.3N:0.3.64.68W:0.0, h142km, 22km,
n27, +073/35, 1C-5D, Virgin Islands

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Devils Point, Kuratov Arr, BVAR, etc.

IDC 18 22:51:18.5.1.8.6.14S:128.56E, h0km, mb3.9/1,

2020 DEC

mbtm5.3/3, ML3.3/2, Error ellipse: s-maj=124.2km
s-min=25.4km az=66.0, Banda Sea

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

IDC 18 23:20:06.3.0.2.33.N2.2.13.9E:1, h206km, MW3.6/28,
NEAR HACHIOJIMA ISLAND
NEIC 18 23:20:06.8.1.0.32.91N:0.09.139.09E:0.08,
h205km, 7km, mb4.2/17, Error ellipse: s-maj=13.8km
s-min=9.2km az=102.0
IDC 18 23:20:06.4.0.6.32.88N:138.91E, h200km, 6km, mb3.4/12,
mbtm3.9/14, Error ellipse: s-maj=23.8km s-min=9.2km
az=76.0
ISC 18 23:20:06.4.0.6.32.97N:0.06.139.11E:0.06, h200km, n71,
+117/78, mb3.9/20, Southeast of Honshu

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

IDC 18 23:59:40.9.32.24N:132.01E, h25km, MW3.6, Moment
M10+Nm;
Min-0.68; M10-0.69; M10.1.37; M10.50; M10.1.65; M10.2.51;
Fault plane solution: Ms3.2600x1014 NPI:
+0.2800000; +3.3600000; +1.167.00000;
+0.189.00000; +3.8300000; A-55.00000

JMA 18 23:59:40.9.1.32.22N:0.3.132.0E:0.5, h25km, 1km,
MW3.73/12, HYUGANADA REGION, Shikoku

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like BVAR, CNPM, D23K, etc.

TEH 18 23:35:14.6.35.78N:52.01E, h8km, 15km, ML3.9,
Presumed earthquake
THR 18 23:35:15.3.0.0.3.76N:51.99E, h11km, 2km, ML4.0,
Presumed earthquake

888

ISC 18 23:35:15.4.1.4.35.79N:0.03.52.00E:0.03, h5km, 12km,
n49, +129/52, Northern and central Iran

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

IDC 18 23:35:15.4.1.4.35.79N:0.03.52.00E:0.03, h5km, 12km,
n49, +129/52, Northern and central Iran

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

IDC 19 00:10:37.5.0.5.54.75N:159.91W, h0km, mb5.1/33,
mbtm5.1/36, ML5.2/3, MS4.0/60, Error ellipse:
s-maj=13.7km s-min=8.2km az=153.0
BUJ 19 00:10:40.7.54.83N:160.41W, h25km, Mb5.3/21,
mb5.5/65, Ms4.9/21, Ms7.4.6/23
MOS 19 00:10:40.6.0.9.54.64N:159.89W, h34km, mb5.6/83,
MS4.3/10, Error ellipse: s-maj=8.2km s-min=4.1km
az=101.1
AEIC 19 00:10:42.9.2.2.54.59N:0.06.159.72W:0.07, h26km, 4km,
Error ellipse: s-maj=8.8km s-min=5.1km az=164.0
GFZ 19 00:10:42.0.1.5.75N:160.11W:0.1, h29km, Ms5.6/132,
mb5.31/32, Mw4.9/13
BGR 19 00:10:42.2.54.60N:160.29W, h33km, mb5.1
NEIC 19 00:10:42.4.1.6.54.65N:0.04.159.78W:0.06, h33km, 3km,
Mb5.1/542, ML5.1/36, Mw4.9/27, Mw5.0/43, ML4.9(AEIC),
Error ellipse: s-maj=5.2km s-min=5.1km az=120.0,
Moment Tensor Solution. Moment tensor: Scale 10^16Nm;
M10.23E; M10.26E; M10.10E; M10.44E; M10.26E; M10.36E;
Fault plane solution: Ms2.86000x1016 NPI: +99.9300000;
+80.6600000; +8.5100000; NP2: +8.5400000; +81.6000000;
+1.70.5600000. Principal axes: T: 7.965e5, P1:3.00000e5,
Az=324.00000; N: 0.1316e5, P2:7.00000e5, Az=147.00000; P:
+9.281e5, P3:1.00000e5, Az=54.00000e5.
NEIC 19 00:10:42.2.54.67N:159.74W, h39km,
GCMT 19 00:10:43.4.0.2.54.72N:0.02.159.78W:0.02, h35km, 1km,
MW5.0/115, Moment Tensor Solution. s45,c54;
s115,c167. Duration: 0 Moment tensor: Scale 10^16Nm;
M10.23E; T: M10.0.67E; M10.0.43E; M10.0.88E; T;
M10.3.94E; M10.1.68E; M10.1.68E; Best double couple:
M10.410x1016 NPI: +88.0000000; +69.0000000;
+1.2.0000000. NP2: +354.0000000; +879.0000000; +1.59.0000000.
Principal axes: T: 4.6380e5, P1:23.0000000, Az=310.000000;
N: -0.4930e5, P1:66.0000000, Az=147.0000000; P: -4.1440e5.

19d Oh

2020 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Columbia Colle, Eagleton, Battle Mountain, Walker, Resolute Bay, Mina Array Bea, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Three Creeks R, Mount Baldy Ra, Cedar City, Shurtz Canyon, Butcher Ranch, Castle Valley, Yakutsk, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASAJ, Lac du Bonnet, WUPATI, Sierra Juarez, Wickenburg, Idaho Springs, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MOL, AKN, DOMB, WHN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PDGK, PABE, SHLS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KMI2, KASTN, RNPFS, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like Wetzell, Kasperse Hory, Son La, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like Yerezimino-Bor, Mesesin, Munteles, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like Istrita, Fruska Gora, Popolog, etc.

Table with columns for station name, location, coordinates, and observation times. Includes stations like Alexandroupoli, Keskin Array B, and various amateur radio stations.

NEIC 19 00:20:10.8±1.7, 17.69S±0.05; 172.39W±0.08, h10km, 1km, mb4.5/5, Error ellipse: s-maj=12.3km s-min=9.3km az=276.0

IDC 19 00:20:13.4±1.6, 17.33S; 173.21W, h0km, mb4.1/6, mbmp4.1/7, ML3.5/1, MS3.8/13, Error ellipse: s-maj=68.3km s-min=16.0km az=132.0

ISC 19 00:20:15.8±1.0, 17.8S±0.3; 172.9W±0.3, h26km, n45, o82/28, mb4.3/9, MS4.0/12, Tonga Islands region

Table with columns for station name, location, coordinates, and observation times. Includes stations like Afiama, Nonsavu, and various amateur radio stations.

KRNET 19 00:22:04.7±0.1, 41.89N±80.82E, mb4.0
SOME 19 00:22:04.3, 41.82N±80.73E, h10km
NMC 19 00:22:05.0±0.9, 41.77N±80.65E, h0km, mb4.2, mpv3.8,
Error ellipse: s-maj=5.7km s-min=4.4km az=151.0
ISC 19 00:22:06.0±1.7, 41.83N±80.06E±0.07, h10km, n57,
i192/94, 22C-20, Southern Xinjiang

Table with columns for code, station name, location, coordinates, and observation times. Includes stations like SHLS, KTMES, and various amateur radio stations.

Table with columns for station name, location, coordinates, and observation times. Includes stations like Jarkent, Kajsay, and various amateur radio stations.

IDC 19 00:41:17.8±9.7, 44N±115°10E, h0km, mb3.7/8, mbmp3.8/10, ML4.0/2, Error ellipse: s-maj=20.9km s-min=14.3km az=167.0
NEIC 19 00:41:18.4±2.2, 74.33N±109.115°E±0.2, h10km, 1km, mb4.2/7, Error ellipse: s-maj=17.1km s-min=5.8km az=146.0

YARS 19 00:41:19.6, 74.12N±114.74E, h34km, mb4.6/3, ML4.1/1
FCIAR 19 00:41:19.0, 74.43N±115°08E, h10km
ISC 19 00:41:18.1±0.6, 74.26N±109.115°E±0.05, h10km, n29, e178/36, mb3.9/14, Near coast of northern Siberia

Code Station Name Az AzZ Phase ID Time Res
TIXI Tiksi 4.84 116 Pn Pn 00 42 32.1 ±1.4

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TIKSI, NRIK, YCRN, ZALV, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KZAN, DRAG, NYDRI, AMPELAKI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BARS, CUC, BOSS, LTR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like IDC, NEIC, BEO, PDG, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KZAN, DRAG, NYDRI, AMPELAKI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BARS, CUC, BOSS, LTR, etc.

Table of astronomical observations for PSZ 2h. Columns include station name (e.g., MYKA, SESA, STAL), object name (e.g., Piszketsto, Terra Mystica), RA/Dec coordinates, magnitude, and other parameters.

JMA 19 01:17:04.0±0.23:9N:01:121:7E:0.4,h21km,MV3.3/13, TAIWAN REGION
TAP 19 01:17:04.6,23:96N:121.64E,h30km,ML4.0,C
ISC 19 01:17:05.0±0.2,23:94N:02:121:66E:0.02,h30km,4km,

Table of station names and codes for PSZ 2h, including Code, Station Name, Azimuth, Phase ID, Time, Res, and other identifiers.

Main table of astronomical observations for 2020 DEC. Columns include station name (e.g., OWD, ENA, WNSB), object name (e.g., Renai, Nanau), RA/Dec coordinates, magnitude, and other parameters.

Table of astronomical observations for 2020 DEC (continued). Columns include station name (e.g., LYUB, IRIF, PHUB), object name (e.g., Lan-yu, Iriomote-Funau), RA/Dec coordinates, magnitude, and other parameters.

ICD 19 02:15:50.4±1.0,42:18S:16:15W,h0km,mb4.1/5, mbmp4.1/5,MS4.0/32,Error ellipse: s-maj=42.0km s-min=31.4km az=112.0

GCMT 19 02:15:55.0±0.3,42:81S:0:04:15:90W:0:03,h20km,1km, Mb4.9-9.3,Moment Tensor Solution: s16,c16, s83,c100, Duration: 0 Moment tensor: Scale 10^16Nm; M1-1.87; 08; M2-0.06; 12; M3-1.93; 13; M4-1.89; 26; M5-0.13; 08; M6-0.47; 20; Best double couple: M2:58600:1016 NP1:17.00000:;delta:0.00000:;lambda:42.00000: NP2: 0:141.00000:;8.65.00000:;lambda-122.00000: Principal axes: T 2.0900,Plg14.00000:,AzM254.00000: N 0.9930, Plg28.00000:,AzM156.00000: P -3.0820,Plg58.00000:, AzM7.00000:;nsta1 refers to body waves,cutoff=40s. nsta2 refers to surface waves,cutoff=50s.Surface-wave location Triangular moment-rate function

ISC 19 02:15:51.9±0.7,42:29S:0:1:16:1W:0:2,h10km,n44, mb4.1/5,MS4.0/32,MS4.0/32,2C-2D,Southern

Table of station names and codes for 2020 DEC (continued). Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and other identifiers.

JMA 19 02:25:56.2±0.1,24:7N:0:2:122:0E:0.2,h68km,1km, MV2.8/12,TAIWAN REGION
TAP 19 02:25:56.8,24:68N:121.97E,h60km,ML3.7,B
ISC 19 02:25:56.5±1.2,24:71N:0:02:122:01E:0.02,h64km,4km,

Table with 4 columns: Station Name, Elevation, Azimuth, and Residual. Includes stations like TWC, ESAO, NTC, etc.

Table with 4 columns: Station Name, Elevation, Azimuth, and Residual. Includes stations like EHY, EHYH, EHYH, etc.

Table with 4 columns: Station Name, Elevation, Azimuth, and Residual. Includes stations like NNSB, NNSB, NNSH, etc.

JMA 19 03:08:16.7-0.2, 25°N, 122°12'E, 0.4, h126km, 1km, MV2.1/9, NW OFF ISHIGAKIJIMA IS

TAP 19 03:08:16.1, 24.83N, 122.66E, h133km, ML3.7, D ISC 19 03:08:16.5-1.8, 24.77N, 122.68E, 0.04, h127km, 10km, n90, 0972/162, Taiwan region

JMA 19 03:09:32.2-0.1, 24°N, 122°55'E, 0.4, h57km, 2km, MV3.1/13, NW OFF ISHIGAKIJIMA IS

TAP 19 03:09:32.7-1.3, 24.34N, 122.52E, 0.03, h60km, 6km, n127, 01909/20, 1C-3D, Taiwan region

Table with 4 columns: Code, Station Name, Azimuth, and Residual. Includes stations like YOJ, EOS2, EOS3, etc.

Table with 4 columns: Code, Station Name, Azimuth, and Residual. Includes stations like EOS3, EOS3, EOS2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various stations and their associated data.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various stations and their associated data.

ISK 19 03:55:32.6, 36°16'52N, 27°98E, h74km, 1km, ML2.2/15
THE 19 03:55:33.6, 37°12'28E, h73km, 3km, M2.7/6,
MLh2.7/6

ISC 19 03:55:33.2±1.6, 36.655N, 0.0428E, 0.04, h75km, 9km,
n24, c041/34, Decadecane Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various stations and their associated data.

AFAD 19 03:56:18.5, 37°92N, 26°37E, h7km, 1km, ML1.5,
Decadecane Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various stations and their associated data.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various stations and their associated data.

ISK 19 03:55:32.6, 36°16'52N, 27°98E, h74km, 1km, ML2.2/15
THE 19 03:55:33.6, 37°12'28E, h73km, 3km, M2.7/6,
MLh2.7/6

ISC 19 03:55:33.2±1.6, 36.655N, 0.0428E, 0.04, h75km, 9km,
n24, c041/34, Decadecane Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various stations and their associated data.

AFAD 19 03:56:18.5, 37°92N, 26°37E, h7km, 1km, ML1.5,
Decadecane Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various stations and their associated data.

CATAC 19 03:44:06.4±0.5, 13°13'N, 8°9'W, h25km, 2km, M3.4/19,
MLV3.4/19, Error ellipse: s-maj=6.4km s-min=3.5km
az=35.8, confirmed

SNET 19 03:44:07.3±1.1, 13°10'N, 89°48'W, h33km, ML3.6,
Presumed earthquake

GCG 19 03:44:09.6±0.7, 13°30'N, 89°54'W, h43km, 14km, MD3.9,
Presumed earthquake

ISC 19 03:44:06.6±1.9, 13.066N, 0.078951W, 0.06, h33km, 10km,
n41, c056/64, El Salvador

NOU 19 03:57:54.3, 37°52S, 177°00E, h213km, ML3.5/14, Off E,
Coast of N. Island, N.Z.

WEL 19 03:57:55.6, 0.9, 37°56'17.7E, h188km, 8km, M3.2/43,
ML2.6/10, MLV3.2/43, Error ellipse: s-maj=7.8km,
s-min=6.6km az=13.8

ISC 19 03:57:51.7±2.2, 37°26S, 0°07.17631E, 0.06,
h222km, 13km, n89, c1928/110, North Island

ISC 19 03:55:33.2±1.6, 36.655N, 0.0428E, 0.04, h75km, 9km,
n24, c041/34, Decadecane Islands

ISC 19 03:55:33.2±1.6, 36.655N, 0.0428E, 0.04, h75km, 9km,
n24, c041/34, Decadecane Islands

ISC 19 03:55:33.2±1.6, 36.655N, 0.0428E, 0.04, h75km, 9km,
n24, c041/34, Decadecane Islands

ISC 19 03:55:33.2±1.6, 36.655N, 0.0428E, 0.04, h75km, 9km,
n24, c041/34, Decadecane Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various stations and their associated data.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Beijing, HongShan, MA2, ULN, SONM, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Malin Array Be, HFS Hagfors, NB2 NORSAR, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like MTO3, MTO3 Montercristo, LLGN La Laguna, etc.

ISC 19 05:26:30.4:1.7, 23.92S:0.09:66.97W:0.09,h181km,n31, c129/34,1C,1Juy Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like San Pedro de A, IROC Station P, Mochara, IROC Station P, etc.

ISC 19 06:02:33.1:7.8, 6.76S:147.60E,h95km,46km,mb3.3/2, mbtmp3.5/4, Error ellipse: s-maj=80.1km s-min=60.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, etc.

RSNC 19 06:09:35.7:0.9, 12.1N:5.7*17W, h0km, M2.5, mb3.3, ML2.4

FUNV 19 06:09:35.6:1.1, 17.5N:70.67W, h24km, MW2.7, Presumed earthquake

ISC 19 06:09:34.8:1.9, 11.8N:0.1:70.63W,0.03,h70km,33km, n13,c215/24, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like Uribia, Colomb, Jacara, Terepaima, Santo Domingo, etc.

ISC 19 06:21:55.4:2.7, 18.16S:178.22W, h588km,21km,mb3.2/5, mbtmp4.2/7, Error ellipse: s-maj=82.1km s-min=20.9km

ISC 19 06:21:56.6:1.6, 17.9S:0.5:178.4W,0.3,h600km,n9, c062/10,mb4.0/5,Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like MSFV Nonsavu, DZM Mont Dumac, STKA Stephens Creek, etc.

0.5nm,0.4s,baz=93,slow=3.5,SNR=4.4 11m,0.6s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like ILAR Eielson Array, TXAR Lajitas Array, BRTR Keskin Array, etc.

IDC 19 06:22:47.1:1.3, 21.90N:94.46E, h122km,14km,mb3.6/14, mbtmp4.0/16,MS3.8/3, Error ellipse: s-maj=30.3km

NEIC 19 06:22:47.1:1.5, 22.1N:0.1:94.7E,0.2,h112km,3km, mb4.1/12, Error ellipse: s-maj=27.4km s-min=9.6km

NDI 19 06:22:48.6:2.8, 22.08N:94.20E, h178km,53km, MW4.2, Presumed earthquake

ISC 19 06:22:45.2:0.7, 21.99N:0.06:94.55E:0.06,h97km,n46, c1985/49,mb4.0/20,Myanmar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like MORE Moreh, AZL Aizawl, BRDH Bariadhala, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arr, ZAAO Zalesovo Array, etc.

WRA Warramunga Arr 56.99 134 P 06 32 22.7

AKASO Malin Array Be 57.75 317 P 06 32 24.7 -1.2

ASAR Alice Springs 59.37 137 P 06 32 36.8 -0.8

MLR Muntele Ros 59.82 311 LR LR 07 03 54.2

BURAS Bucovina Array 60.28 313 P 06 32 43.6 -0.1

FINES FINESS Array B 60.65 329 P 06 32 44.8 -1.0

ARCES ARCESS Array B 62.28 338 P 06 32 55.6 -1.0

ARCES ARCESS Array B 62.28 338 P 06 32 56.1 -0.5

HFS Hagfors 66.67 327 P 06 33 24.3 -1.1

NB2 NORSAR Subarra 67.82 329 P 06 33 31.0 -1.6

NOA NORSAR Array B 67.82 329 P 06 33 31.5 -1.2

GERES GERESS Array B 67.86 315 P 06 33 32.9 -0.3

GERES GERESS Array B 67.86 315 P 06 33 32.7 -0.5

NC204 NORSAR Array S 68.01 329 P 06 33 33.2 -0.7

EKA Eskdalemuir Ar 76.45 324 P 06 34 23.6 -0.6

D25K Kavir River 79.18 18 P 06 34 37.8 -1.3

E24K Your Creek 79.23 20 P 06 34 38.4 -1.0

BMAR Burtt Mountain 80.82 20 P 06 34 47.6 -0.4

ILAR Eielson Array 81.60 22 P 06 34 50.0 -2.0

IDC 19 06:25:08.1:7.9, 7.23S:129.69E, h370km,95km,mb2.8/1, mbtmp3.3/3, Error ellipse: s-maj=156.0km

s-min=30.6km azz=7.0, Banda Sea

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like SGSI Cibinong, KMSI KMSI, GTOI Gorontalo, etc.

IDC 19 06:48:08.0:5.4, 8.56N:70.60W, h0km, mb4.2/28, mbtmp4.3/32, ML4.3/4, MS3.0/3, Error ellipse: s-maj=12.5km s-min=8.2km azz=94.0

GFZ 19 06:48:10.4:0.2, 9.1N:2.7*17W, h10km, M4.5/23, mb4.5/23

CATAC 19 06:48:11.7:0.5, 9.1N:2.7*17W, h11km,4km, M4.9/10, mb5.1/6, mb5.1/7, MLV5.2/10, Mw(mb)4.4/7, Error ellipse: s-maj=13.2km s-min=5.0km azz=89.1, confirmed

NEIC 19 06:48:11.6:1.9, 8.60N:0.03:70.57W,0.06, h12km,4km, mb4.7/53, Error ellipse: s-maj=9.3km s-min=4.5km

VAO 19 06:48:18.4:1.3, 7.73N:70.37W, h10km, mb4.5, Presumed earthquake

ISC 19 06:48:09.7:0.3, 8.59N:0.03:70.55W:0.04, h7km, n234, c130/276,mb4.5/84,Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like SDV Santo Domingo, SDV Santo Domingo, SDV Ocana, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like SDV Barichara, SDV Uribia, SDV Uribia, etc.

SMRC Santa Marta, M 4.43 306 P 06 49 17.0 +0.6

SPBC San Pablo de B 4.55 230 P 06 49 19.6 +0.4

SPBC San Jacinto, C 4.75 286 P 06 49 21.2 +2.0

CHIC Chingaza 5.05 219 P 06 49 23.5 +1.5

CHIC Chingaza 5.05 219 P 06 49 23.5 +1.5

SJCC San Jacinto, C 4.75 286 P 06 49 23.5 +1.7

UREC San Jos de Ur 5.00 261 P 06 49 26.6 +1.3

UREC San Jos de Ur 5.00 261 P 06 49 26.6 +1.3

UREC Chingaza 5.05 219 P 06 49 26.7 +1.4

CHIC Chingaza 5.05 219 P 06 49 27.0 +1.7

CHIC Chingaza 5.05 219 P 06 49 27.0 +1.7

CHIC Chingaza 5.05 219 P 06 49 27.0 +1.7

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CHIC Chingaza 5.05 219 P 06 49 27.0 +1.7

CHIC Chingaza 5.05 219 P 06 49 27.0 +1.7

19d 6h

Table with columns for station ID, name, time, and other details. Includes stations like PDRR Patillas Dam, SDDR Presa de Saban, AOPR Arevalo Observ, etc.

2020 DEC

Table with columns for station ID, name, time, and other details. Includes stations like S44A Carbondale, ZAIG Zacatecas, SJPY San Joaquin, etc.

902

Table with columns for station ID, name, time, and other details. Includes stations like OBKA Obir, STEI Steigen, ABNA Aletsch Bun, etc.

Table of astronomical observations with columns for station name, object name, magnitude, time, and other parameters. Includes stations like QZK, KHZ, RPZ, TATA, etc.

Table of astronomical observations for December 2020, including stations like PDAR, HHC, DAWY, YKA, MKAR, etc.

Table of astronomical observations for December 2020, including stations like JMNT, JTN, JKE, JSU, etc.

19d 7h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CMAR, FAKI, TLY, JAY, PETK, KAPI, H1N12, H1N11, H1N13, H1S3, H1S1, MA2, H1S2, WMQ, WMQ, WMQ, KRVT, PMG, MKAR, ZAAO, ZALV, ZALV, PDGK, TARG, TARG, TARG, KURBB, KURBB, ASAI, ASAI, FITZ, AAK, AAK, WB0, WB0, WRA, WRA, WRA, NRIK, NIL, KK31, KK31, KKAR, CTA, CTA, CTA, BVAR, BVAR, PALK, ASAR, ASAR, KBL, KBL, ANM, ANM, M16K, M16K, PPLA, PPLA, STKA, STKA, E24K, E24K, RND, RND, RND, ILAR, ILAR, MCARA, MCARA, BCAR, BCAR, SPITS, SPITS, A36M, A36M, ARCES, ARCES, KBZ, KBZ, KIV, KIV, DLBC, DLBC, FINES, FINES, DAG, DAG, NEEM, NEEM, AKASG, AKASG, AKASG, AKASG.

20 DEC

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like AK02, AK05, AK22, AK01, AK07, AK20, DBG, DBG, YKA, BRTR, ASF, HFS, NB2, NOA, SUMG, SUMG, EIL, MORC, VYHS, VYHS, JAVC, VRAC, KRUC, CLL, CLL, WINA, WINA, ABNA, ABNA, RONA, RONA, RONA, CONA, CONA, ARSA, ARSA, GERE, GERE, BORG, BORG, MOA, MOA, SESA, SESA, SOKA, SOKA, SOKA, BIOA, BIOA, OBKA, OBKA, OBKA, KBA, KBA, MYKA, MYKA, LESA, LESA, LESA, ABTA, ABTA, WATA, WATA, WTTA, WTTA, WTTA, MOTA, MOTA, MOTA, SOTA, SOTA, SQTA, SQTA, FRB, FRB, FETA, FETA, DAVA, DAVA, DAVA, EKA, EKA, DAVO, DAVO, NVAR, NVAR, PDAR, PDAR, IDC 19 07:06:21.6,2.6,3.6,81S:147.72E, h0Km, mb4.0/3, mbtm3.9/5, ML4.0/1, Error ellipse: s-maj=67.5km s-min=25.4km az=95.0, Eastern New Guinea region

904

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like RTLS, RTLS, AUSP, AUSP, ZON, ZON, VA03, VA03, VA03, VA03, VA03, VA03, SJA, SJA, SJA, CO02, CO02, CO02, ARCO, ARCO, CO03, CO03, CO03, CO03, CO03, RTLL, RTLL, RTLL, CFA, CFA, CFA, ACCO, ACCO, ACCO, ROCH, ROCH, ROCH, AAGR, AAGR, AAGR, FCH, FCH, FCH, MT10, MT10, MT10, MT04, MT04, MT04, MT04, MT04, MT08, MT08, MT08, MT14, MT14, MT14, MT16, MT16, MT16, MT05, MT05, MT05, MT05, MT05, MT03, MT03, MT03, AROD, AROD, AROD, MT02, MT02, MT02, MT15, MT15, MT15, ACDD, ACDD, ACDD, GO04, GO04, GO04, GO04, GO04, GO04, GO04, MT13, MT13, MT13, MT13, MT13, VA01, VA01, VA01, VA01, VA01, VA01, CO01, CO01, CO01, CO01, CO01, MT12, MT12, MT12, AVIZ, AVIZ, AVIZ, CO06, CO06, CO06, LMEI, LMEI, LMEI.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Talagante, La Punta, Popeta, Santo Domingo, Valle Fertil, GUANDACOL, Tunca, Sierra Bellavi, El Transito, San Rafael, PUNTA DE LOS L, Vinchina, CERRO LA CRUZ, San Martin, Hualane, Llanos de Chal, Panimavida, Tinogasta, San Fabin de, Maricunga, Pasa Flores, Villa Florida, South Pole Qui, Lajitas Array, Zalesovo Bean.

RSNC 19 07:26:29.6±0.6, 9°N, 3°7'1W, h12km, 3km, M2.6, ML2.3
FUNV 19 07:26:32.5±0.8, 8°5N, 0°7'6W, h10km, MW2.8, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Santo Domingo, Santo Domingo, Capacho, Terapalma, Tame, Arauca, Macapao, Ocana, Bein, Turiamo, Uribia, Colomb, Ariguani, Magd, ZARCA, Puzeto, Gaitan, San Jacinto, C.

OSPL 19 07:28:30.5±1.5, 19°24'N, 69°03'W, h0km, 10km, ML2.4, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Samana, DR, Nagua, Loma La Naviza, Cabrera, Punta Cana, DR, Columbia Colle.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Punta Cana, DR, Isla Saona, BANI, Punta Rusia, P, Cabo Rojo, PR, Polo, Aguatec, B, Magueyes Isos, Arcabuco Observ, Punta Cana, DR, Punta Cana, DR.

AZER 19 07:35:35.0, 39.02N, 51.70E, h14km, m2.6, Caspian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Astarta, Citlilab, Lerik, Yardiimli, Altighaj, Siyzen, Quba, Azerbaj, Kinaliq, Qusar.

IDC 19 07:49:59.4±1.7, 0°40'N, 125°91'E, h0km, mb3.6/4, mbtmp3.7/4, Error ellipse: s-maj=178.5km s-min=22.4km

DJA 19 07:50:05.3±0.3, 0°N, 3°12'E, h10km, M3.7, 2.2km, ML3.7/12

ISC 19 07:50:06.3±1.1, 0.30N, 0°08'12.05E, 0.07, h44km, n8, 1°144/10, mb3.7/4, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Ternate, Manado, Cibinong, Sanana, Warramunga Arr, Alice Springs, Makanchi Array, Kuruchot Arra.

NEIC 19 07:53:45.7±1.2, 24°35'0.1N, 179°9'E, 0.2, h532km, 8km, mb4.3/22, Error ellipse: s-maj=22.3km s-min=18.5km

IDC 19 07:53:46.6±1.4, 24°17'S, 179°76'E, h545km, 14km, mb3.4/14, mbtmp4.3/16, Error ellipse: s-maj=14.4km s-min=10.9km az=151.0

ISC 19 07:53:44.0±0.4, 24°27'S, 0°07'179.87E, h0517km, n69, 1°107/72, mb4.1/26, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Novsavi, Mare, Loyalty, Pines Island, Mont Dzumac, Urewera, Charters Tower, Stephens Creek, BUCKLEBOO, Alice Springs, Warramunga Arr, Kununurra, Wanda, Casey, South Pole Qui, South Pole Qui, Kanaga Island, Mawson, Warramunga Arr, WRA, WRA, WRA, Kununurra, Wanda, Casey, South Pole Qui, South Pole Qui, Kanaga Island, Mawson, Warramunga Arr, WRA, WRA, WRA, Kununurra.

ISC 19 08:58:20.6±1.2, 0°38'N, 79°97'W, h0km, mb3.3/5, mbtmp3.5/7, ML2.4/2, MS3.3/4, Error ellipse: s-maj=26.8km s-min=20.5km az=43.0

IGQ 19 08:52.8±0.8, 1°N, 4°8'0W, h7km, 2km, M4.0/24, Mjma4.3/24, MLV3.9/24, Ms(BB)3.9/9

CATAC 19 08:58:25.3±1.6, 1°N, 3°8'0W, h3km, 9km, M4.6/9, mb5.0/1, mb4.9/1, MLV4.4/9, MW(MB)4.2/1, Error ellipse: s-maj=18.0km s-min=7.7km az=86.5 confirmed

ISC 19 08:58:25.7±0.8, 1°12'N, 0°3'79.82W, 0.04, h27km, 5km, n109, 1°148/112, mb3.6/4, MS3.4/3, 34C-2D, Near coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Acelerografo, Ecuador-Puerto, Ecuador-Tonsup, Ecuador-Atacam, Rio Verde, San Lorenzo-Es, Tumaco, Tumaco, Pacto, Paraso, Pacto, Paraso, JAMA, JAMA, Alifloro, Ecuador-Imbabu, Lita, Santo Domingo, Cabo Pasado-Ma, Otavalo, Otavalo, Otavalo, Otavalo, Otavalo, Otavalo, Cuichoa Este, Cuichoa Este, Cuichoa Este, Cuichoa-Domo, Acelerografo, Cotacachi, Cotacachi, Urcuqui, Urcuqui, Pululahu, Pululahu, Terraza Guagua, Guagua Pichinch, Guagua Pichinch, Toaza - Volcan, San Juan 2, Imbabura, San, Imbabura, San, Volcan Chirich, Cerro Negro, Volcn Chiles, Yahuacu, Yahuacu, Mancha de Ca, Mancha de Ca, Granja Avicola, Granja Avicola, Cumbal, Cumbal.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CMB, TROLL, Antarti, CLC, China Lake, SNA, Sanae, VNA3, Neumayer Olymp, VNA2, Neumayer-Watz, NVAR, Mina Array Be, Topopah Spring, U15A, North Rim, U15A, Paso Flores, Susitona One, Chuang Mai Arr, San Rafael Sew, SRU, Lajitas Arr, S, Alpine, Beaver Creek A, ILAR, Pinedale Array, Inuvik, Kurchatov Arr, Borovoye Array, ARCES, ARCES Array B, BELG, Belogorovoye, FINES, FINES Array B, NB2, NORSAR Subarray42, NOA, HFS, AKASE, Main Array Be, BRTR, Keskin Array B, MMAL, Mount Meron Arr, EKA, Eskdalemuir Arr, CLL, Colim, VRAC, Vranov, KRUC, Moravsky, GERES, GERES Array B, ESDC, Sonseca Array, TORD, Tordi Arr, Be, TORD, Tordi Arr, Be, IGQ, Mjma4.3/24, MLV3.9/24, Ms(BB)3.9/9, CATAC, mb5.0/1, mb4.9/1, MLV4.4/9, MW(MB)4.2/1, Error ellipse: s-maj=18.0km s-min=7.7km az=86.5 confirmed, ISC 19 08:58:25.7±0.8, 1°12'N, 0°3'79.82W, 0.04, h27km, 5km, n109, 1°148/112, mb3.6/4, MS3.4/3, 34C-2D, Near coast of Ecuador, Acelerografo, Ecuador-Puerto, Ecuador-Tonsup, Ecuador-Atacam, Rio Verde, San Lorenzo-Es, Tumaco, Tumaco, Pacto, Paraso, Pacto, Paraso, JAMA, JAMA, Alifloro, Ecuador-Imbabu, Lita, Santo Domingo, Cabo Pasado-Ma, Otavalo, Otavalo, Otavalo, Otavalo, Otavalo, Otavalo, Cuichoa Este, Cuichoa Este, Cuichoa Este, Cuichoa-Domo, Acelerografo, Cotacachi, Cotacachi, Urcuqui, Urcuqui, Pululahu, Pululahu, Terraza Guagua, Guagua Pichinch, Guagua Pichinch, Toaza - Volcan, San Juan 2, Imbabura, San, Imbabura, San, Volcan Chirich, Cerro Negro, Volcn Chiles, Yahuacu, Yahuacu, Mancha de Ca, Mancha de Ca, Granja Avicola, Granja Avicola, Cumbal, Cumbal.

2020 DEC

19d 10h

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like Juan Fernandez, IPOC Station P, Tanti, etc.

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like SNAIA Sanae, TROLL, Williston, etc.

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like SRU San Rafael Swe, Q16A Castle Valley, P18A Preston Nutcr, etc.

ADC 19 10:41:00.5i:2.0, 46:91N:27:50E, h0km, mbtmp:3.2/5, ML2.8/5, Error ellipse: s-maj=32.72km s-min=16.0km az=86.0
BUC 19 10:41:01.7i:0.1, 46:79N:27:45E, h7km, m13/6/67, Error ellipse: s-maj=1.0km s-min=0.8km az=52.0
SIGU 19 10:41:01.2i:0.1, 46:83N:0:6:27.4E:0:8, h7km, mb2.8/6, MD3/2/14

19d 10h

Table with columns for station name, frequency, and signal strength. Includes stations like MSRU, Joppo, Port Mandanici, Placanica, Milazzo, Antillo, Fiumefreddo, Case Bada, Pozzo Pitaroni, Santa Venerina, Etna Monte Con, Vulcano Piano, Monte Spagnolo, Stomboli F, and Serra La Nave.

2020 DEC

Table with columns for station name, frequency, and signal strength. Includes stations like EPZF Pizzo Felice, Santa Chiara, Santa M. di Licod, Augusta, Sersale, San Fratello Carlentini, Filicudi I Eol, Spezzano della, Tempagrande, Alicudi, Raffo Rosso, Castrocucco, Wied Dalam, Santa Cesarea, Paolisi, Kerkira, Introdacqua, Ulinoj, L'Aquila, Herceg Novi, Brajici-Budva, Dracevica, Mon, Ohrid, Ithomi, Cevo, Podgorica, Bratogost, Niksic, Norcia, Plav, Litokhoron, Unac-Piva, Berane, Monte Urbino, Pijevlja, and Kesra.

910

Table with columns for station name, frequency, and signal strength. Includes stations like KEST, Kesra, Anoyia, Anoyia, Trieste, M.te Sabotino, Alexandroupoli, Obir, STAL, Castel Tesino, Terra Mystica, ABTA, Setaletar Alp, Arzberg, Koelnbreinsper, Karpathe, Rosalia, Austr, Schwarzeleot, Stuettel, Feichten, Bad Ischl, Aus, Sankt Quirin, Davos/Dischnat, Walderalm, Conrad Observa, Moosalm, Reutte, Danuless, Muntele Rosu, Muntele Rosu, Alenteig Bun, Geress Array B, Geress Array B, Kasparske Hory, Vranov, Buocovina Ar, Colim, Keeskin Array B, Keeskin Array B, Sonsea Array, Sonsea Array, Malin Array B, Mount Meron Ar, Paran, Mo72 Harif, Elat, Elat, Elat, Aqaba, Jabal al Asfar, Naroch, Khabaz, Eskdalemuir, Eskdalemuir, Eskdalemuir, Obninsk, Hagfors, NORSAR Subarra, NORSAR Array B, FINESS Array B, Torodi Ar, Beza, Torodi Ar, Beza, ARCES Array B, Akbulak array, Dimbokro, Borovoye Array, Karatay Array, Karatay Array, Karatay Array, Batken, Kurchatov Arra, and Kurchatov Arra.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURK Kurchatov, NRN Naryn, MKAR Makanchi Array, ZALV Zalesovo Beam, BOSHA Boshof, BOSHA HHC, YKA Yellowknife Arr, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs.

IDC 19 11:05:33.0.1.5, 48.10N; 146.50E, h464km, 21km, mb2.8/6, mbtmp3.6/10, Error ellipse: s-maj=30.5km s-min=16.7km az=143.0

ISC 19 11:05:33.6.0.9, 48.00N; 02x146.50E.0.1, h483km, n11, r109/11, mb3.27, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, PETK Petropavlovsk, KLR Kul'dur, SEY Seymchan, JOW Kungiami, ILAR Eielson Array, KURBB Kurchatov Arr, YKA Yellowknife Arr, NVAR Mina Array Bea, PDAR Pinedale Array, TXAR Lajitas Array.

GII 19 11:01:29.6.0.0.29, 72.3N; 002.36, 199E; 0.001, h0km, confirmed, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YTVT Yotvata, HRFI Mount Harif, EIL Elat, ZFRI Zfiri, ZFRI Zfiri, IDAN Idan, RMNI Mount Ramon, MSBI Mazada, YTHR Yattir, KZIT Kziot, MZS Mizpe Shalem, AMAZ Amatzia.

AFAD 19 11:06:18.2, 38.88N; 43.57E, h20km, 1km, ML2.8 ISK 19 11:06:18.3, 38.87N; 43.53E, h2km, ML2.7/14

ISC 19 11:06:19.1, 1.0, 38.87N; 0.02, 43.53E; 0.04, h12km, 7km, n24, r121/35, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, ERVC ERGIS-VAN, VAN Van, TVAN Van, BITLIS Adilcev, GEVA Gevas, DYDN Diyadin, AKDM Akdamar-Van, DORK Agr/Tutak/Do, MLAZ Malazgirt-MUS, AGRB Hanur-Agry, KOTA Agri, Merkez-K, BLIS Bitlis-Merkez, GURO Guromyak-BITLI, TABS TASSURUN-IGDIR, EATA Eleskirt, GNI Garni, CUKT Kukurra, VARTO Varto-Mus.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VARTO Varto-Mus, KOPR Koprukoy-ERZUR, SENKAYA-SILVAN, BNGB Bingli.

GUC 19 11:14:04.4.0.34, 81S; 71.73W, h42km, 2km, ML3.4, Presumed earthquake

SJA 19 11:14:05.0.0.7, 34.80S; 71.73W, h36km, 2km, ML3.4, MW3.6

ISC 19 11:14:05.3.1, 34.79S; 02x71.73W, 0.03, h13km, 1.0km, n51, r087/72, 2C-10, Near coast of Central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G005 Hualane, G005 Hualane, BO03 Pichilemu, BO01 Tunca, BO02 Sierra Bellavi, BO02 Sierra Bellavi, MT01 Popeta, MT01 Popeta, ML02 Panimavida, ML02 Panimavida, VA05 Santo Domingo, MT09 Talagante, BO04 La Punta, MT12 Pirque, LMEL Las Melosas, MT15 Las Vizcachas, MT13 San Alfonso, MT13 San Alfonso, MT13 Renca, MT05 Renca, MT02 Curacav, MT02 Curacav, MT03 Universidad A, MT14 Cerro Caljn, MA01 Hacienda Santa Torpedera, FCH Farellones, MT04 Ro Olivares, MT04 Ro Olivares, BI02 San Fabin de, BI02 San Fabin de, ROCH El Roble, MT08 Bocatomora, MT08 Bocatomora, EDS3 Malargue, VA03 San Esteban, VA03 San Esteban, VA03 San Rafael, AAGR Agrelo, AVIZ Vizcacheras, AUSP Uspallata, RTLS Leoncito, CO02 Combarbal, CO02 Combarbal, CO03 El Pedregal, CO03 El Pedregal, CO03 Coronel Fontana, CO03 Coronel Fontana.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CFA, DOCA Reserva Natura, G004 Tololo Observa, G004, G004, G006 Curarrehue, AR0D Rodeo, ACDD Cuesta del Vie, ACDD.

IDC 19 11:27:42.6.5.7, 4.28S; 132.82E, h0km, mb3.6/1, mbtmp3.6/3, ML3.6/2, Error ellipse: s-maj=350.0km s-min=30.0km az=75.0

DJA 19 11:27:51.1, 0.5, 4.5S; 4.31E, h65km, 10km, M4.1/13, mb4.2/4, MLV4.1/13

ISC 19 11:27:50.1, 1.3, 4.6S; 0.1, 130.99E; 0.07, h35km, n10, r171/11, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, BNDI, FAKI Fak Fak, SJI Sorong, NLAI Namlea, MWPI Manokwari, SANI Sanana, BAKI Biak, WRA Warramunga Arr, WRA, WRA Alice Springs, ASAR Alice Springs, ASAR Makanchi Array, MKAR Makanchi Array.

IDC 19 11:31:30.7.1.6, 34.38N; 139.11E, h0km, mb3.4/2, mbtmp3.5/3, ML2.6/1, Error ellipse: s-maj=40.4km s-min=16.0km az=79.0

JMA 19 11:31:30.3.0.0, 34.5N; 0.1, 139.3E; 0.3, h10km, MV3.0/35, NEAR NIJIMA ISLAND

JMA Feli I J I NEAR NIJIMA ISLAND, ISC 19 11:31:30.3.0.8, 34.47N; 0.03, 139.30E; 0.03, h12km, 5km, n31, r127/32, 6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTHY Toshimigigashi, JNIO Nijimaohara, JKJK Shikinejimakit, JSKK, JIM2 Oshima 3, JIM2 Izushimoda, JIZS, JIMY Miyake Tsubota, KTJ3 Kamaeta, JMKK Mikurajiminishi, JOD2 Odawara 2, JOD2, JSG Sagara, JSG Sagara, BSO4 Boso 4, BSO3 Boso 3, BSO3 Mitsune, JHU2 Mitsune, JHU2 Kuroka, JGF Kuroka, INU Inuyama, INU Inuyama, MJAR Matsubiro Arr, MJAR.

MJAR 1.3nm, 0.3s, baz=162, slow=33, SNR=9.2 61nm, 0.6s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAJO Matsushiro, MAJO Matsushiro, JMN Monobe, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, WRA Warramunga Arr, ASAR Alice Springs, AMJY Alice Springs, MJAR Matsubiro Arr.

IDC 19 12:17:15.9.2.2, 5.89S; 148.65E, h0km, mb3.4/2, mbtmp3.4/4, ML3.7/1, Error ellipse: s-maj=77.6km s-min=27.2km az=110.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, WRA, ASAR Alice Springs, QSPA South Pole Qui, TORD Tordai Arr, SAUI Saumlaki, SOEI Soe, BATI Baunata.

NEIC 19 12:21:28.1, 2.3, 7.47S; 0.06, 128.24E; 0.08, h136km, 11km, mb4.4/4, Error ellipse: s-maj=14.1km s-min=4.5km az=122.0

IDC 19 12:21:29.0.1.9, 7.62S; 128.33E, h113km, 52km, mb3.7/1, mbtmp4.3/6, Error ellipse: s-maj=42.5km s-min=14.1km az=122.0

ISC 19 12:21:29.2.0.8, 7.64S; 0.06, 128.35E; 0.07, h151km, n20, r229/24, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SOEI Soe, BATI Baunata.

19d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI, MTN, FAKI, SUI, etc.

19d 12:40:00.8, 2.6, 84S, 129.85E, h143km, 29km, mb2.9/1, mbmp3.7/6, Error ellipse: s-maj=38.2km s-min=20.4km

19d 12:39:59.0, 0.9, 6.93S, 0.06x129.9E, 0.1, h150km, n6, c364/11, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUI, BATI, FITZ, WRA, etc.

19d 12:50:54.9, 1.7, 9.88N, 8.75W, h0km, mb3.8/4, mbmp3.8/6, ML3.6/2, Error ellipse: s-maj=25.3km s-min=13.1km az=53.0

19d 12:50:58.3, 1.6, 10.0N, 0.1x8.4W, 0.1, h10km, n6, c159/9, mb3.9/4, Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DBIC, TOR, GRES, etc.

JMA 19 13:09:00.5, 0.1, 33.7N, 0.4x141.1E, 0.3, h45km, MV3.3/33, E OFF HACHIOJIMA ISLAND

19d 13:09:04.8, 2.0, 33.54N, 140.70E, h76km, 14km, mb3.2/4, mbmp3.7/7, Error ellipse: s-maj=31.3km s-min=10.7km az=80.0

19d 13:09:00.5, 1.4, 33.62N, 0.06x141.1E, 0.1, h48km, n14, c082/16, mb3.5/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSO1, JHU, JYU, etc.

VIE 19 13:26:03.1, 0.3, 50.36N, 18.97E, h0km, ml2.8/1, ml2.1/1, Error ellipse: s-maj=5.0km s-min=1.8km az=178.0 13 km N of Kaitouwe Suspected MIND induced.

PRU 19 13:26:04.6, 50.22N, 18.95E, h0km

19d 13:26:02.0, 1.2, 50.29N, 0.07x19.02E, 0.03, h0km, n11, c058/22, Poland

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STEB, MORAV, LANS, etc.

19d 13:29:32.6, 2.0, 19.89S, 178.14W, h607km, 21km, mb3.2/6, mbmp4.2/8, Error ellipse: s-maj=23.7km s-min=19.3km

19d 13:29:29.1, 1.0, 19.8S, 0.2x178.0W, 0.2, h569km, n11, c184/11, mb3.8/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, URZ, CTA, etc.

19d 13:35:15.7, 2.4, 20.24S, 177.86W, h549km, 24km, mb2.9/6, mbmp3.8/7, Error ellipse: s-maj=39.6km s-min=20.1km az=144.0

19d 13:35:17.3, 0.2, 20.1S, 0.2x178.1W, 0.2, h569km, n10, c183/11, mb3.4/6, Fiji Islands region

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

NEIC 19 13:42:36.9, 1.6, 20.98N, 0.09x122.1E, 0.1, h191km, 8km, mb4.3/20, Error ellipse: s-maj=19.4km s-min=12.9km az=71.0

TAP 19 13:42:39.1, 2.1, 17.1N, 122.10E, h192km, ML5.0, D MAN 19 13:42:40.0, 20.92N, 122.55E, h162km, MS3.2

19d 13:42:46.3, 1.1, 21.09N, 122.23E, h240km, 31km, mb3.5/20, mbmp4.1/22, Error ellipse: s-maj=15.1km s-min=10.6km az=76.0

19d 13:42:38.3, 0.7, 21.16N, 0.03x122.12E, 0.05, h194km, 5km, n237, c154/393, mb4.0/32, 1D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LYUB, TSEB, SMST, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHKT, TSMG, SSSD, etc.

Table with 7 columns: Station Name, Station ID, Azimuth, Elevation, Phase, and Residual. Lists various stations including ETLH, WDGJ, WCS, WCS, EOSS, WYL, etc.

Table with 7 columns: Station Name, Station ID, Azimuth, Elevation, Phase, and Residual. Lists various stations including BT02, BTO2, BTO2, etc.

Table with 7 columns: Station Name, Station ID, Azimuth, Elevation, Phase, and Residual. Lists various stations including PDG, PDG, PDG, etc.

Table with 4 columns: Name, RA, Dec, and other identifiers. Includes entries like P23K Montague Islan, CAST Castle Rocks, SPBG Spurr Blockage, etc.

Table with 4 columns: Name, RA, Dec, and other identifiers. Includes entries like I27K, M29M Somme Creek, FYU Fort Yukon, etc.

Table with 4 columns: Name, RA, Dec, and other identifiers. Includes entries like GULE Gulek, CMRD Camardi-Nigde, ATAB Bozova, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNJT, TWY, SMST, etc.

19d 18h: 41.33.8.6.0.7.19S.145.83E, h75km, 68km, mb3.4/6, mbmp3.8/9, MLO.5/1, MS3.1/4, Error ellipse: s-maj=50.7km s-min=25.4km az=160.0

ISC 19 18:41:35.7+1.0, 7.45:0.1:145.8E:0.1, h100km, n12, 15:14/10, mb3.6/6, Near south coast of New Guinea

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

19d 18:47:52.9+1.0, 37.68N:97.26W, h0km, mb3.6/3, mbmp3.7/8, ML3.5/4, MS3.3/1, Error ellipse: s-maj=14.1km s-min=11.2km az=148.0

NEIC 19 18:47:54.0+0.7, 37.72N:0.01:97.23W:0.02, h5km, 1km, mb_Lg3.5/172, ML3.6/16, Mw3.4/11 (SLM), Error ellipse: s-maj=3.4km s-min=2.9km az=237.0

NEIC 19 18:47:54.37:2N:97.22W, h6km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=0.5; Mw=0.88; Ms=0.35; Mn=0.35; Mv=0.93; Mw=0.57; Fault plane solution: M1:38000*10^14 NP1=0.10,0.00000*, lambda=152.00000*; Principal axes: T:1.3806, P1g1.00000*, lambda=152.00000*; N:0.0002, P1g5.0000*, Azm244.0000*; P:-1.3808, P1g38.0000*, Azm61.0000*

ISC 19 18:47:53.6-1.1, 37.72N:0.003:97.21W:0.04, h13km, g1km, n145, 15:15/122, mb3.5/3, Kansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAN01, BLOK, T35A, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like X34A, P38A, SMWD, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like Mountain Grove, Witchita Falls, and various local repeaters.

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like Albuquerque, TASM, and various repeaters.

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like Karatay Array, NRIK, and various repeaters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SEMO, UTEC, PANCS, LOMA, UDBS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMIG, TXAR, TKL, NVAR, YKA, YLA, CMAR, etc.

BUI 19 20:58:20.8, 4.142S; 142.90E, h104km, mB5.2/5, mb4.7/28
DJA 19 20:58:24.1, 0.6, 4 S.5, 14.3E, h112km, 6km, M4.8/17,
mb4.7/17, mB5.1/7, mL5.2/6, mW(mB)4.4/7

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTA, CTA, QIS, SANI, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRSR, RPSI, RPSI, QRZ, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORE, MORE, PETK, GAT2, etc.

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

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

19d 21h

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

IDC 19 21:08:22.1, 2.1, 1.49N, 126.23E, h0km, mb3.1/3,
mbmt3.1/3, Error ellipse: s-maj=189.2km
s-min=26.8km, 0.0, Northern Molucca Sea

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

ATH 19 21:24:13.0, 0.3, 36.95N, 24.54E, h5km, ML1.9/3, Latitude
uncertainty: 1 km; Longitude uncertainty: 1 km,

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

ISK 19 21:24:25.7, 37.89N, 26.61E, h14km, ML2.5/17
AFAD 19 21:24:26.1, 37.92N, 26.66E, h14km, 2km, ML2.4

ISC 19 21:24:26.0, 1.0, 37.91N, 0.0, 26.64E, 0.04, h17km, 7km,
n37, 0.070/58, Decadence Islands

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Krutoberegovo, Semkarok, Baidarnaya, Sorokina, Klyuchi, Krestovskiy, Bezymyanni-We, Kishnev, Koyto, Kamenistaya, Kozrevsk, Bering, Kizimen, Esso, Tigil, Ossora, Palna, Mye Shipunski, Arik, Somma, Ugllovaya, Ganaly, Koryaka, Petropavlovsk-1.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Asacha, Tiksi, Eielson Array, Songjia Array, Yellowknife Ar, Makanchi Array.

DJA 19 23:07:15.0-0.7, 11'S-13'x116'E, h81km, 63km, M4.2/16, mb4.2/6, MLv4.2/16, South of Sumbawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Taliwang, Denpasar, Plampang, Denpasar, Rangdo, Singaraja, Jajag, Banyuwya, Asem Bagus, Waingapu, Labuhan Bajo, Paperwojo, Ende, Flores, Sawahan-Nganju, Greshik, Pacitan, Tambak Boyo.

IDC 19 23:15:00.2-37.0, 21'79N, 143'22E, h357km, 275km, mb3.2/7, mbmp3.9/7, Error ellipse: s-maj=419.6km s-min=20.6km az=178.0

ISC 19 23:14:57.6-13.0, 21'N, 3'143.2E, 0.4, h350km, n7, 0.5617, mb3.47, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zalesovo Beam, Makanchi Array, Kurbb Kurchatov Arra, Borovoye Array, Yellowknife Ar, ARCES Array B, FINESS Array B.

IDC 20 00:32:59.0-0.7, 50'05Sx7'76W, h0km, mb4.0/8, mbmp4.1/8, MS3.7/13, Error ellipse: s-maj=26.5km s-min=20.6km az=93.0

NEIC 20 00:33:00.8-1.5, 50'06S, 0'05, 7.6W, 0.2, h10km, 1km, mb4.5/18, Error ellipse: s-maj=22.5km s-min=6.8km az=78.0

ISC 20 00:33:00.5-0.5, 50'02S, 0'10, 7.7W, 0.1, h10km, n48, 0.659/36, mb4.4/15, MS3.6/13, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Neumeyer-Watz, Snaae, Sutherland, Palmer Station, Boshof, Boshof, Kule, KOOLE.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lobatse, Tsumeb, Tsumeb, South Pole Qui, Matopo, Villa Florida, Talaigante, Vanda, Vanda, Dimbokro, Dimbokro, IPOC Station P, Chuzmiza, La Paz, La Paz, Mbarara, Kilima Mbogo, Torodi Arr, Torodi Arr, Torodi Arr, Otavalo, La Rusia, Elat, Sonseca Array, Timpagrande, Jabal al Asfar, BVAR Borovoye Array, Yellowknife Ar, A36M Sachs Harbour, DLBC Dease Lake, Hilr Hailar Array B, Inuk, Eielson Array, ILAR.

IDC 20 00:39:50.6-4.3, 36'33N, 71'01E, h179km, 39km, mb3.7/18, mbmp4.2/21, Error ellipse: s-maj=18.3km s-min=13.2km az=4.0

NIC 20 00:39:54.0-8.3, 36'78N, 70'16E, h53km, 375km, mb5.1, mp4.9, Error ellipse: s-maj=69.8km s-min=63.0km az=143.0

GFZ 20 00:39:54.0-4.3, 37'N, 4.7'1E, h205km, 5km, M4.3/8, Error ellipse: s-maj=11.3km s-min=7.1km az=108.8, confirmed

NEIC 20 00:39:54.3-1.6, 36'62N, 0'06, 71'08E, 0.10, h206km, 7km, mb4.2/23, Error ellipse: s-maj=11.1km s-min=8.2km az=102.0

ISC 20 00:39:53.1-0.4, 36'57N, 0'04, 71'13E, 0.04, h200km, n129, 0.2011/154, mb4.1/25, 3C, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kabul, Kabul, Karamyk, Karamyk, Nilore, Nilore, Batken, Batken, Srinagar, SRNI, SRNI, Osh, Kashi, KSH2, KSH2, JMU, JMU, ARSB, Alchi Leh, Alchi Leh, Tissa, Tissa, Thein Dam, Thn, Thn, IUG, IUG, ASAI, ASAI, DHRM, DHRM, DHRM.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DHRM, NRN, DZA, DZA, MRKS, MRKS, EKS2, EKS2, BRLS, BRLS, KK31, KK31, KK31, KK31, AAK, AAK, AAK, AAK, AAK, AAK, BHK, BHK, FRU1, FRU1, ULHL, ULHL, CHMS, CHMS, USP, USP, TSM2, TSM2, KDJ, KDJ, TARG, TARG, TARG, TARG, SMLA, SMLA, SMLA, SMLA, SMLA, SMLA, KST, KST, DGS, DGS, HRA, HRA, MTBS, MTBS, WUSH, WUSH, MDDK, MDDK, PRZ, PRZ, UTK, UTK, UTK, UTK, NDI, NDI, KUDL, KUDL, KUDL, KUDL, KUDL, KUDL, PTH, PTH, LTI, LTI, LGT, LGT, AJM, AJM, JHNI, JHNI, JHNI, JHNI, JHNI, JHNI, MAKZ, MAKZ, MAKZ, MAKZ, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, BHP, BHP, BHP, BHP, WMQ, WMQ, KURBB, KURBB, KURBB, KURBB, AB31, AB31, AB31, AB31, AB31, AB31, AKTO, AKTO, AKTO, AKTO, UOSS, UOSS, UOSS, UOSS, LSA, LSA, ZAAO, ZAAO, ZAAO, ZAAO, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, AZL, AZL, RAYN, RAYN, SONM, SONM, SONM, SONM, SONM, SONM, ULLN, ULLN, ULLN, ULLN, BRTR, BRTR, BRTR, BRTR, HHC, HHC, HHC, HHC, HHC, HHC, AK10, AK10, AK10, AK10, AK10, AK10, KIEV, KIEV, NRIK, NRIK, NRIK, NRIK, NRIK, NRIK, MLR, MLR, MLR, MLR, MLR, MLR, BURAR, BURAR.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, speed, and distance.

NEIC 20 00:51:45.0±1.4, 16°45:07.1±176.00W:0.10, h350km, 7km, mb4.4/25, Error ellipse: s-maj=18.6km s-min=12.6km az=157.0

IDC 20 00:51:46.2±1.4, 16°27'5.176°10W, h356km, 13km, mb3.6/10, mbtmp4.3/13, Error ellipse: s-maj=18.7km s-min=12.9km az=137.0

ISC 20 00:51:45.9±0.4, 16°32:0.0±176.04W:0.07, h364km, n78, f152/81, mb4.3/23, 5C-3D, Phase Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, speed, and distance.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, speed, and distance.

MCSM 20 01:36:32.9±1.0, 52°N, 6°E, h2km, 6km, MLV3.5 PRU 20 01:36:33.9±1.0, 52°N, 6°E, h0km IDC 20 01:36:34.0±0.8, 51°18'N, 15°7'E, h0km, mb3.4/1, mbtmp3.5/10, ML3.0/9, Error ellipse: s-maj=15.7km s-min=7.7km az=105.0

DNK 20 01:36:33.5±2.1, 51°73'N, 16°04'E, h0km, ML3.5, Suspected explosion BGR 20 01:36:34.2±0.4, 51°62'N, 16°01'E, h1km, ML3.2/14, Error ellipse: s-maj=3.3km s-min=2.2km az=21.0

IPEC 20 01:36:34.3±0.2, 51°58'N, 16°07'E, h1km, ML2.9/8, Error ellipse: s-maj=1.9km s-min=1.1km az=64.0 GFZ 20 01:36:35.3±0.5, 52°N, 5°E, h10km, M3.5/19, mb3.8/1 ISC 20 01:36:32.4±0.6, 51°72'N, 02°16.04E:0.02, h0km, n138, f1940/235, 1D, Poland

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, speed, and distance.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, speed, and distance.

20d 1h

Table with columns: PRN, Name, IAML, Az, El, Az, El, Time, Res. Includes stations like ELK, NVAR, TXAR.

BJJ 20 01:54:22.8, 33:45N, 142:00E, h27km, mB5.1/23, mB5.1/71, M5.4/51, M5.7 4/355
GFZ 20 01:54:22.9, 0.2, 33.3N, 142.0E, h10km, 1km, M5.2/121, mB5.3/121, Mw4.7/12, Error ellipse: s-maj=6.2km s-min=5.4km az=88.3 confirmed
MOS 20 01:54:22.6, 0.8, 33:53N, 141:99E, h15km, mB5.4/70, MS4.2/9, Error ellipse: s-maj=8.6km s-min=3.7km az=121.7

NEIC 20 01:54:23.6, 1.6, 33:49N, 142:02E, h10km, 1km, mB5.1/334, Mw4.9/11, Error ellipse: s-maj=13.6km s-min=9.0km az=138.0
NIED 20 01:54:25.6, 0.3, 33:54N, 142:08E, h39km, Mw4.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^16Nm; Min=1.07; Mxx=0.08; Mxy=0.99; Myx=0.31; Myy=0.30; Myz=0.05; Fault plane solution: Ma1.12000x10^16 NP1: 0.358, 0.0000, 0.846, 0.0000, -0.69, 0.0000. NP2: 0.149, 0.0000, 0.848, 0.0000, -0.11, 0.0000.

JMA 20 01:54:25.6, 0.1, 33:55N, 142:07E, h39km, 1km, MD4.8/31, Mw4.8/31, FAR E OFF IZU ISLANDS
GCMT 20 01:54:27.6, 0.3, 33:48N, 142:03E, h13km, 1km, Mw4.8/96, Moment Tensor Solution, s22,c27; s96,c134; Duration: 0 Moment tensor: Scale 10^16Nm; Min=1.81e-12; Mxx=0.02e-07; Myy=1.78e-09; Mzz=0.00e-24; Mxy=0.47e-05; Mxz=0.09e-17; East double couple: M1.185600x10^16 NP1: 0.343, 0.0000, 0.844, 0.0000, -0.94, 0.0000. NP2: 0.169, 0.0000, 0.846, 0.0000, -0.86, 0.0000. Principal axes: T 1.8970, P1.0000, Azm256.0000; N -0.0890, Plg3.0000, Azm346.0000; P -1.8150, Plg87.0000. Azm142.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 20 01:54:28.2, 0.4, 33:48N, 141:97E, h48km, 3km, mb4.6/37, mbmp4.8/40, MS4.0/50 Error ellipse: s-maj=8.5km s-min=5.7km az=165.0
BGR 20 01:54:32.6, 0.4, 34:45N, 142:00E, h33km, mB5.3
ISC 20 01:54:24.6, 0.3, 33:51N, 142:05E, 0.04, h21km, 3km, h21km; pP-P, 1052, r1807941, mB5.2/444, MS4.1/67, 61C-75, Off east coast of Honshu

Main station list table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like BOSO1, BOSO3, JHU2, JHCJ, JHM, JHM, JHM, etc.

2020 DEC

Main station list table with columns: Name, IAML, Az, El, Az, El, Time, Res. Includes stations like CN2, CN2, BNX, SNY, SNY, etc.

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Main station list table with columns: Name, IAML, Az, El, Az, El, Time, Res. Includes stations like LYN, LYN, LYN, etc.

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Table with columns: TLY, Talaya, 33.11 315, LR, LR, 02 15 16.7, etc. Lists various flight routes and schedules.

2020 DEC

Table with columns: RDOG, Red Dog Mine, 46.44 25, Iamb, Iamb, 02 02 52.2, etc. Lists various flight routes and schedules.

20d 1h

Table with columns: COLA, College, 51.81 31, P, P, 02 03 31.7 +1.1, etc. Lists various flight routes and schedules.

20d 1h

2020 DEC

Table of astronomical data for the first column, including columns for object name (e.g., EIDS, KBL), RA, Dec, magnitude, and other parameters.

Table of astronomical data for the second column, including columns for object name (e.g., POIN, MAK), RA, Dec, magnitude, and other parameters.

Table of astronomical data for the third column, including columns for object name (e.g., GNI, GNI), RA, Dec, magnitude, and other parameters.

Table with columns: NOA, LR, LR, 02 45 17.4, and various station names like YHB, N602, KELT, etc.

Table with columns: TESR, BIZOL, BURAR, etc., and various station names like Tesani, Bilaz, Bucovina Ar, etc.

Table with columns: ARR, RUE, DRGR, etc., and various station names like Ruedersdorf, Ostrava-Krasne, etc.

20d 1h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HERR, ASSE, ORNJ, RETH, PRA, HSKC, MMLI, TAOE, WIMM, TREC, NEUB, UJAP, F33A, CLZ, MDVR, SALP, TUC, TANN, ZVC, ABNA, PLN, BLK, LISJ, GTTG, MANT, NKC, MPLH, MOX, SOP, YTHR, MORH, IBBN, RONA, CONA, CKRC, KYMK, FRGS, KHC, HSNJ, BOVS, GECZ, AKAS, TBI, GRA3, PRNI, KASTN, BEHE, GRA2, ECSD, ECSD, ARSA, ARSA, GRA1, GRA1, KZIT, KZIT, TEKS, AYDN, GRB3, GRB4, GRB1, ANMO, ANMO.

2020 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ANMO, ANMO, ANMO, HRFI, MOA, GRB2, BUG, GRB5, GRC4, EIL, EIL, E3BA, GRC1, GRC3, BIOA, SESA, BBLB, GRC2, SOKA, SJES, TNS, OBKA, BLY, BLY, BOPT, KBA, LESA, FUR, HGN, BCI, UPM, BTNL, MEM, MEM, ACOM, STU, PDG, PDG, PDG, BRY, ABTA, UCCA, UCCA, SABO, DRME, RETA, TREB, SQTA, RCHB, BSKO, STAL, BMRD, G40A, WLF, WLF, HCY, SCHO, SCHO, DOU, BFO, BFO, DAVA, CTI, FUORN, FUORN, DAVOX, KSUI, H42A, ITM, LPIG, MATE, MURB, NRCA, P38A, AQU, AQU, INTR, TXAR, TXAR.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like S39A, R40A, U38A, CEL, SADO, BRDY, MIAR, KEST, TKL, TORD, TORD, QSPA, QSPA, BOSA, DBL, TROLL, VNA2, VNA3, ITTB, LPZAZ, LPZAZ, NPGB, MG03, PKFP, VILB, LCO, LCO, CLDB, PKFP, PKFP, PLCA, PLCA, PTLB, PTLB, SMTB, PSAL, PSAL.

KRNET 20 01:57:19.3:0.1, 40:90N:73:61E, h14km, mb2.9
NNC 20 01:57:21.8:1.5, 40:88N:73:61E, h0km, mb3.6, mpv3.2
Error ellipse: s-maj=12.3km s-min=5.6km az=165.0
SOME 20 01:57:22.2, 40:93N:73:70E, h5km
ISC 20 01:57:19.0:0.9, 40:86N:73:70E, h0km, mb3.7, km,
20:08, 40:91N:73:18D, Kyrgyzstan

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SALK, SALK, OHH, SFK, SFK, EKS2, EKS2, MNAS, MNAS, NRN, NRN, AAK, AAK, AAK, AAK, MRKS, MRKS, MRKS, MRKS, DRK, DRK, TRKS, TRKS, KBK, KBK, BSHK, FRU1, CHMS, BTK, BTK, BOOM, BOOM, ULHL, ULHL, ULHL, ULHL, USP, USP, TKM2, TKM2, TKM2, DZA, DZA, DZA, KST, KST, KST, KST, DGS, DGS, DGS, DGS, DGS, DGS, IUG, IUG, IUG, IUG, MTBS, MTBS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include MTBS Maitube, KRBS Karabastu, TARG Taragay, KK31 Karatay Array, TNS5 Tian-Shan, MDOK Medeo, KOTS Kotyrbulak, BRLS Borolday, etc.

JMA 20:02:06:45.9,0.6,31°N,5°13'E, h486km, MV3.4/20, NEAR TORISHIMA ISL

ISC 20:02:06:45.1±1.1, 30.7N,0.1±1.37E,0.2, h450km, n13, α1117/15, mb3.1/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JHJ Hachijo jima 2, JH2 Hachijo 1, JODJ Odetwara 2, BSO1 Boso 1, JRY Ryogami san, JYT Yasato, JAG Ashikaga, JHO Hitachi, USRK Utsuriyaki Ar., KLR Kul'dur, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs.

IDC 20:02:11:05.7±0.9, 38.35N, 108.86W, h0km, mb3.4/1, mbmp3.2/8, ML2.6/5, MS3.4/3, Error ellipse: s-maj=14.1km

NEIC 20:02:11:05.9±0.6, 38.27N, 108.92W, 0.03, h4km, 4km, ML4.2/14, Mwr3.7/40, ML4.3/14(USS), Error ellipse: s-maj=7.3km

NEIC 20:02:11:06.2±1.1, 38.27N, 108.92W, h4km, Error ellipse: s-maj=7.0km

ISC 20:02:11:06.3±0.9, 38.27N, 108.94W, 0.03, h4km, n66, α1192/66, Colorado

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PV17 East Wray Mesa, PV17 comp=N,357um,0.5s, PV18 Skein Mesa, Pa, PV16 Hyswonger Mesa, PV11 David Mesa, Pa, PV03 Paradox Valley, PV03 comp=E,181um,0.6s, PV20 West Hyswonger, PV12 Saucer Basin, PV14 Lion Creek, Pa, PV10 Paradox Valley, PV13 Radium Mtn., P, PV02 Paradox Valley, PV02 comp=N,45um,0.4s, PV23 Carpenter Ridg, PV05 Paradox Valley, PV19A Curley Farm, L, PV07 Paradox Valley, PV07 comp=N,22um,0.7s, PV07 comp=N,11um,1.1s, PV22 Blue Mesa, Pa, PV22 comp=E,20um,0.8s, PV21 Cone Mtn., P, PV01 Paradox Valley, PV15 Paradox Valley.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PV15 comp=N,41um,0.8s, PV15 comp=E,33um,0.8s, MV10 Mesa Verde, MVCO comp=E,4um,0.4s, HMU Henry Mountain, SRU San Rafael Swe, SRU comp=E,3um,0.4s, P18A Preston Nutter, P18A comp=E,5um,0.6s, ROE Book Cliffs E, BCE Roan Cliffs, P17A Butcher Ranch, P17A comp=N,3um,0.6s, P17A comp=E,4um,0.3s, Q16A Castle Valley, Q16A comp=N,2um,0.4s, Q16A comp=E,1um,0.6s, DCM Dugout Coal Mi, O20A White River Ci, ARGU Argyle Ridge, OWUT Old Woman Plat, EMUT Emma Park, ELU Electric Lake, RDMU Red Mountain, RDMU Red Mountain, WCU Willow Creek, BSUT Blindstream Ca, BSUT comp=N,721nm,0.8s, MPU Maple Canyon, NLU North Lily Min, ISCO Idaho Springs, Q24A Divide, W18A Petrified Fore, W18A comp=E,1um,0.5s, U15A North Rim, U15A comp=N,780nm,0.6s, CTU Camp Tracy, KNB Kanab, KNB comp=N,592nm,0.6s, WUAZ Wupatki, TCUT Toone Canyon, CCUT Cedar City, LCMT Little Creek M, LCMT comp=N,456nm,0.4s, LCMT comp=E,425nm,0.6s, T25A Tule Canyon, X18A Snowflake, X18A comp=N,653nm,0.6s, X18A comp=E,505nm,0.9s, ANMO Albuquerque, ANMO comp=E,0.7nm,0.3s, ANMO comp=E,5.0nm,0.3s, ANMO comp=E,2.9nm,0.3s, ANMO Albuquerque, ANMO comp=E,171nm,0.6s, ANMO comp=E,138nm,0.4s, ANMO Albuquerque, ANMO comp=E,308nm,0.7s, HWUT Hardware Ranch, HWUT comp=E,545nm,0.9s, HWUT comp=E,466nm,0.9s, X16A Lo Mia Camp, P, X16A comp=N,349nm,0.6s, BW06 Boulder Array, BW06 comp=N,171nm,0.6s, PDAR comp=N,203nm,0.5s, PDAR comp=N,5.7nm,0.4s, PDAR comp=N,10nm,0.3s, PDAR comp=N,12nm,0.3s, Y22A Socorro, K22A Casper, PRN Pahroc Range, PRN comp=N,175nm,0.5s, KSCO Keye Shedlock, KSCO comp=E,200nm,0.6s, W13A Hualapai Mount, W13A comp=N,132nm,0.7s, ELK Elko, ELK comp=N,1.3nm,0.3s, ELK comp=N,1.6nm,0.3s, ELK comp=N,1.1nm,0.3s, NVAR Mina Array Bea, NVAR comp=N,0.2nm,0.3s, NVAR comp=N,1.1nm,0.3s, NVAR comp=N,0.5nm,0.4s, PFO Pinyon Flats, PFO comp=N,0.6nm,0.4s, TXAR Lajitas Array, TXAR comp=N,0.1nm,0.3s, TXAR comp=N,0.6nm,0.3s, NEW Newport, ULM Lac du Bonnet, ULM comp=N,0.1nm,0.3s.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include ULM comp=N,1.6nm,0.7s, YKA Yellowknife Ar, SDV Santo Domingo, HILR Hailar Array B, HHC Hu-ho-hao-te, HHC comp=Z,1.0nm,0.6s, HHC comp=Z,130nm,4.5s.

PRU 20:02:16:29.9,50.27N,12.53E, h0km, West Bohemia Swarm

WBNET 20:02:16:29.9,50.27N,12.44E, h10km, M11.1, 6C-6D, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include LBCW Luby, LBCW Novy Kostel, NKC Novy Kostel, NKC comp=Z,16nm,0.3s, NKC Novy Kostel, STCW Studenec, VAC Vackov, POCW Potky, POCW Kvetna, KRCW Kraslice, KRCW Skalna, SKC Skalna, KOCW Kopaniny, TRCW Trojmez, TRCW Zelena Hora, LACW Lazy, HSKC Hora Svate Kat, HSKC Collm, KHC Ceske Hory, KHC Zvikov, CKRC Cesky Krumlov, CKRC Cesky Krumlov.

IDC 20:02:18:45.9±1.4, 14.66S, 174.27W, h0km, mb3.7/2, mbmp3.8/3, ML4.1/1, MS3.7/1, Error ellipse: s-maj=110.7km

AFI Afiamalu, AFI 39nm,0.3s, AFI 62nm,0.3s, AFI STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, BRTR Kean Array B, GERES GERES Array B.

IDC 20:02:39:40.4±1.4, 37.71N, 97.41W, h0km, mbmp3.5/4, ML3.9/3, Error ellipse: s-maj=15.3km

NEIC 20:02:39:42.8±0.6, 37.71N, 97.23W, 0.03, h5km, 1km, mb_Lg2.9/17, ML3.3/18, Error ellipse: s-maj=3.7km

ISC 20:02:39:41.2±0.8, 37.74N, 97.27W, 0.05, h10km, n66, α117/22, Kansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KAN01 Argonia South, BLOK Blackwell, GC02 Grant County #, T35A Sooner Cattle, T35A comp=E,604nm,0.1s, OK051 E0350 and S346, R32A Long Quarter, OK048 Pawnee Station, OK048 comp=E,794nm,0.2s, CROK Carrier, CROK comp=N,883nm,0.3s, KSU1 Kansas State U, TUL3 Leonard, CBKS Cedar Bluff, ELIS Ellis County, U38A Gravette, HHAR Hobbs, S39A Bolivar, X34A Smith Ranch, M, P38A Dawn, BGNE Belgrade, MGMO Mountain Grove, KSCO Kaye Sheddlock, PH02 Texas Public H, P40A Paris, FCAR Ozark Folk Cen, CCM Cathedral Cave, X40A Basin Creek Fa, UALR University of, PLPT Palo Pinto, DKNS Dickens, TREL Terrell.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various parameters. Includes stations like Mazada, El Lisan, Mount Ramon, Bovan, Sevastopol, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various parameters. Includes stations like Bodrum, Bodrum, Bodrum, Bodrum, Bodrum, etc.

20d 3h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various parameters. Includes stations like Hadim, Can-anakkale, Kizilcal, Karacabey, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Muntele Rosu, Baraj Valea Uz, Anoyia, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like LANS Liptovska Anna, LANS Liptovska Anna, KIRV, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KURK Kurchatov, SENIN Lac Senin/Sane, MAKZ Makanchi, etc.

WBNET 20:04:34;21.5,50:27N;-12:44E, h10km, M10.3, 6C-6D, Germany. Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and other details.

Table with columns: POCV Potky, KVC Kvetna, KRCW Kraslice, SKC Skalna, KOCV Kopaniny, KOCW, TRCW Trojmez, TRCW Zelena Hora, ZHC, ZHC, LACW Lazy, LACW. Includes station names, coordinates, and signal strength indicators.

PRU 20 04:42:35.1,50:27N,12:51E, h0km, West Bohemia Swam

WBNET 20 04:42:34.5,50:27N,12:44E, h10km, MI.1, 2, 5C-ZD, Germany

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H m s, ISC. Lists various stations like LBCW Luby, LBCW NKC, LBCW Novy Kostel, etc.

IDC 20 04:43:37.3,4.3,51:75N,178:43E, h88km,41km, mb3.0,6, mbtmp3.47, Error ellipse: s-maj=5.2km s-min=20.0km az=164.0

NEIC 20 04:43:38.8,0.8,52:0N,0:2:178:46E,0:0,4, h97km,12km, ML3.1/10, ML3.1(AEIC), Error ellipse: s-maj=29.0km s-min=3.3km az=180.0

AEIC 20 04:43:39.5,0.7,51:7N,0:2:178:4E,0:1, h100km,8km, Error ellipse: s-maj=23.0km s-min=8.4km az=192.0

ISC 20 04:43:38.3,1.1,51:3N,0:2:178:42E,0:0,5, h98km,10km, n48, c084/56, mb3.4/6, Rat Islands

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H m s, ISC. Lists stations like GASW Gareloi Southw, GANW Gareloi North, GANE Gareloi Northe, etc.

Table with columns: NVAR Mina Array Bea, NVAR Mina Array Bea, TX31 Lajitas Arr, TXAR Lajitas Array, WRA Warramunga Arr. Includes coordinates and signal strength.

GFZ 20 05:13:28.8,0.2,7:52:212.9E, h168km, M4,6/37, mb4.7/37

IDC 20 05:13:28.1,1.5,7:04S,129:40E, h150km,15km, mb3.9/10, mbtmp4.5/15, Error ellipse: s-maj=15.4km s-min=13.1km az=53.0

NEIC 20 05:13:28.9,1.0,6:90S,0:07:129:47E,0:0,5, h153km,7km, mb4.6/31, Error ellipse: s-maj=11.7km s-min=5.7km az=150.0

DJA 20 05:13:30.0,2.0,7:52:212.9E, h145km,4km, M4,8/18, mb5.3/10, mb4.8/18, MLV4.8/18, MW(MB)4.8/18

ISC 20 05:13:26.7,0.4,7:10S,0:04:129:47E,0:0,4, h139km, n142, c235/150, mb4.7/39, Banda Sea

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H m s, ISC. Lists stations like SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki, etc.

MTN Manton Dam, SANI Sanana, SANI Sanana, SANI Sanana

SJUI Sorong, SJUI Sorong, SJUI Sorong, SJUI Sorong

BATI Baumat, BATI Baumat, BATI Baumat, BATI Baumat

BATI Baumat, LBMI Labuha, MMRI Maumere, MMRI Maumere

EDFI Ende, KNRA Kunurra, BASI Baing, LBFI Labuhan Bajo

TTFI Tana Toraja, MMSI Mamuju, MMSI Mamuju, FITZ Fitzroy Crossi

FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi

PLAI Plampang, PLAI Plampang, TOLJ Tolifoli, JAY Jayapura

TWSI Taliwang, WBO Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek

WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

IGBI Denpasar, BBKI Banjar Baru, JAGI Jajag, JAGI Jajag

JAGI Jajag, JAGI Jajag, JAGI Jajag, QIS Mount Isa, QIS Mount Isa

QIS Mount Isa, MBWA Marble Bar, MBWA Marble Bar, MBWA Marble Bar

MBWA Marble Bar, MBWA Marble Bar, ASAR Alice Springs, ASAR Alice Springs

ASAR Alice Springs, PWJI Pagerwojo, SNJI Sawahan-Nganju, PMG Port Moresby

PMG Port Moresby, PMG Port Moresby, PCJI Pacitan, WOJI Wonogiri

WOJI Wonogiri, KKM Kota Kinabalu, UGM Wanaqama, UGM Wanaqama

SCJL Gunung Strandil, KPJI Karang Pucung, CTA Charters Tower, CTA Charters Tower

CTA Charters Tower, CTAO Charters Tower, CMJI Cimerak, GIRL Bungbulang

BBIJ Bungbulang, BBIJ Bungbulang, LEM Lembang, INKA Innaminka

INKA Innaminka, FORT Forrest, QLP Quilpie, MORW Morawa

MDSI Maura Dua, BBOO Buckleboe, BBOO Buckleboe, BBOO Buckleboe

BBOO Buckleboe, KLBR Kelerberri, STKA Stephens Creek, STKA Stephens Creek

STKA Stephens Creek, STKA Stephens Creek, CMSA Cobar Meteorol, KULM Kulum

KULM Kulum, YOJ Yonaguni jima, RPSI Rantau Prapat, RPSI Rantau Prapat

RPSI Rantau Prapat, PSI Prapat, PSI Prapat, MGBR Mount Gambier

MGBR Mount Gambier, GSI Gunungsitoli, GSI Gunungsitoli, TPTI Tapanuli

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H m s, ISC. Lists stations like KKM Kota Kinabalu, UGM Wanaqama, SCJL Gunung Strandil, etc.

OSPL 20 05:36:10.9,2.0,18:54N,69:69W, h120km,10km, ML2.8, Presumed earthquake

SDD 20 05:36:12.4,2.7,18:63N,69:76W, h112km,12km, MD3.6, ML3.0, MW3.2, Presumed earthquake

ISC 20 05:36:11.4,1.7,18:64N,0:05:69:76W,0:0,4, h107km,10km, n23, c0876/42,27C, Dominican Republic region

20d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PETK, WMQ, WUS, PDGK, YAK, MKAR, KSH2, MAKZ, KDJ, NRN, AAK, DRK, KBL, ZAAO, ZALV, ZALV, KURB, KURK, KK31, KK31, VVND, VVND, MAW, BVAR, NRK, NRK, AB31, ABKAR, GSPA, QSPA, J17K, J17K, J18K, G18K, L19K, RAYN, RAYN, L20K, L20K, D19K, ILAR, ILAR, GEAR, YKA, YKA, GERES, TXAR, LPAZ, LPAZ.

KNET 20 06:30:35.3-0.3, 43.03N:74.91E, h16km, 2km, ml1.4, Error ellipse: s-maj=2.6km s-min=1.7km az=165.0
KRNET 20 06:30:36.0-0.1, 43.06N:74.92E, h15km, mb2.9
SOME 20 06:30:35.9, 43.03N:74.90E, h5km
NNC 20 06:30:36.1-0.3, 43.02N:74.92E, h2km, 4km, mb2.6, mpv2.4, Error ellipse: s-maj=5.6km s-min=1.1km az=149.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHMS, CHMS, FRU1, FRU1, USP, USP, KBK, KBK, KBK, KBK, TKM2, TKM2, AAK, AAK, AAK, AAK, DGS, DGS, DGS, DGS, KST, KST, KST, KST, KST.

2020 DEC

Table with columns: KRBS, KRBS, KRBS, UCH, UCH, UCH, BOOM, BOOM, EK2S, EK2S, EK2S, ULHL, ULHL, ULHL, ULHL, MRKS, MRKS, MRKS, NRN, NRN, MNAS, MNAS, KDJ, KDJ, KK31, KK31, SJA, GUC, IDC, ISC.

SJA 20 06:51:19.5-0.7, 19.61S:69.31W, h108km, 2km, ML3.7, M1.7
GUC 20 06:51:20.2-0.9, 19.61S:69.27W, h108km, 3km, ML3.7, Presumed earthquake
IDC 20 06:51:22.7-3.7, 19.56S:68.82W, h132km, 30km, mb3.5/3, mbmp3.8/5, Error ellipse: s-maj=45.1km s-min=34.4km az=68.0
ISC 20 06:51:19.7-0.8, 19.62S:69.31W, h108km, 5km, n50, c0.88/67, 7C-5D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GO01, GO01, GO01, GO01, GO01, PB11, PB11, PB11, PB11, PB08, PB08, PB08, PSGX, PSGX, PSGX, PSGX, PSGX, TA02, TA02, TA02, TA02, TA02, PX02, PX02, PX02, TA01, TA01, TA01, TA01, TA01, PB16, PB16, PB16, PB16, PB12, PB12, PB12, PB01, PB01, PB01, AP01, AP01, AP01, AP01, PB02, PB02, PB02, PB02, PB07, PB07, PB07, PB09, PB09, PB09, PB09.

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Table with columns: PB09, PB03, PB03, PB03, PB06, PB06, PB05, PB05, AF01, AF01, AF01, LPAZ, LPAZ, LPB10, LPB14, SIV, H03N1, H03N2, QSPA, TORD, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, ASAR, SONM.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLH1.67,66,9E, SERG, ANX, ANX, KALE, KALE, LAKA, LAKA, PVO, PVO, KLV, KLV, EVR, EVR, GUR, GUR.

ATH 20 06:56:51.3, 38.41N:24.14E, h14km, 2km, ML1.5/1.1, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KYMI, KYMI, KYMI, DIONIS, DIONIS, PENTELI, PENTELI, PENTELI, KARY, KARY, KARY, ATHU, ATHU, ATHU, STFN, STFN, STFN, NOAC, NOAC, NOAC, ATH, ATH, ATH, VLY, VLY, VLY, VIL2, VIL2, VIL2, LOUTRAKI, LOUTRAKI, LOUTRAKI, MET2, MET2, MET2.

IDC 20 07:11:03.0-6.4, 36.24N:71.09E, h122km, 57km, mb3.4/9, mbtmp3.9/13, Error ellipse: s-maj=31.8km s-min=21.5km az=23.0

NNC 20 07:11:07.9-6.1, 36.99N:71.00E, h0km, mb3.9, mpv4.0, Error ellipse: s-maj=50.1km s-min=44.6km az=165.0

ISC 20 07:11:06.8-0.9, 36.54N:0.097.10E-0.1, h150km, n26, c1.75/27, mb3.4/7, 1C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UCH, UCH, EK2S, EK2S, BRLS, BRLS, BRLS, KK31, KK31, AAK, AAK, AAK, CHMS, CHMS, USP, USP, TKM2, TKM2, KST, KST, KST, KST, KST, MKAR, MKAR, AB31, AB31, KURB, KURB, BVAA, BVAA.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BVAR, AKTO, ZALV, FINES, HFS, NOA, TORD, BOS, YKA, WRA, ASAR.

NNC 20 07:16:49.5:4.6, 50.57N:79.92E, h0km, mb3.2, mpv2.6, Error ellipse: s-maj=55.0km s-min=14.1km az=29.0, Suspected Mining explosion.

ISC 20 07:16:54.3:1.7, 50.00N:78.79E, h0km, mb2.5/2, ML2.2/2, Error ellipse: s-maj=15.8km s-min=13.4km az=45.0

ISC 20 07:16:51.7:1.1, 50.39N:0.06:79.36E:0.06, h0km, n9, r109.12, 6C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like KURK, KURRB, KURBB, KURB, MAKZ, MAK2, MK31, MKAR, MKAR, I46RU, ZALV.

SSNC 20 07:32:13.5:1.0, 19.00N:80.79W, h10km, 6km, MD4.0, ML3.5, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like FSCY, LCCY, CBCY, PILO, CCC, CAIB, LMGC, CHIV, SOR, MARVS, HLGC, RCC, PINC, SABCS, GTBY, QMBU, IMASC.

NEIC 20 07:35:01.3:1.6, 33.91S:0.05:177.4W:0.2, h10km, 2km, mb4.5/16, Error ellipse: s-maj=23.7km s-min=4.4km az=73.0

ISC 20 07:35:06.0:1.9, 33.22S:178.00W, h0km, mb4.1/3, mbmp4.0/4, ML3.7/1, MS3.4/4, South of Kermaadec Islands s-min=33.7km az=57.0

ISC 20 07:34:60.0:1.1, 33.8S:0.1:177.3W:0.1, h10km, n30, r1547/23, mb4.4/10, MS3.4/4, South of Kermaadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like URZ, ARMA, MCQ, STKA, PMG, COEN, ROBL, ASAR, WRA, Vnda.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WB2, WRAB, WRA, WBO, FORT, FITZ, GSPA, QSPA, KAPI, MAW, SNA, VNA, VNA2, FINES.

ISC 20 07:37:32.5:9.0, 20.40S:175.35W, h241km, 50km, mb3.6/4, mbmp4.2/6, MS3.5/2, Error ellipse: s-maj=106.0km s-min=40.4km az=137.0

ISC 20 07:37:33.6:2.5, 20.4S:0.4:175.5W:0.3, h250km, n8, r080/7, mb3.7/4, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like MSVF, DZM, CTA, JAY, ASAR, WRA, NEW, GERES.

ISC 20 07:38:02.2:1.8, 10.22S:122.98E, h0km, mb3.3/1, mbmp3.5/4, ML3.5/3, MS2.4/1, Error ellipse: s-maj=28.2km s-min=20.8km az=42.0, Savu Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BATI, KAPI, FITZ, FITZ, WRA, WRA, ASAR, MKAR.

ISC 20 07:44:13.0:1.8, 16.47S:178.13W, h0km, mb4.0/5, mbmp3.0/5, Error ellipse: s-maj=15.0km s-min=26.4km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like STKA, WRA, ASAR, ILAR, TXAR.

SSNC 20 07:59:06.9:1.2, 18.21N:76.81W, h7km, 12km, MD3.2, ML1.5, Presumed earthquake

ISC 20 07:59:07.2:1.1, 18.19N:76.77W, h0km, 14km, MD2.9, Confirmed Earthquake

ISC 20 07:59:03.6:1.2, 18.34N:0.06:76.70W:0.06, h4km, 16km, n13, r0973/20, 1C-3D, Jamaica region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GWJ, STH, STH, STH, STH, PCJ, CVJ, MCJ, MCO, PILO, PILO, LMGC, LMGC, MARVS, MARVS, RCC, RCC, GTBY, GTBY.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GTBY, PINC, PINC, SABCS.

SJA 20 08:03:40.9:0.5, 23.88S:66.65W, h227km, 5km, ML3.7, MW3.5

ISC 20 08:03:41.1:1.7, 23.91S:66.43W, h199km, 19km, mb3.0/2, mbmp3.7/8, Error ellipse: s-maj=22.4km s-min=18.1km az=99.0

VAO 20 08:03:46.1:1.8, 23.49S:66.44W, h238km, 14km, mb3.9, Presumed earthquake

ISC 20 08:03:49.0:0.7, 23.87S:0.05:66.60W:0.05, h195km, n40, r199/56, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AF01, YJA, FSA, FSA, PB06, AHML, PB09, PB09, PB03, PB03, PB05, PB05, PB14, PB14, PB10, PB10, PB07, PB07, AC02, AC02, AC01, AC01, PB08, PB08, TA01, TA01, GO01, GO01, LPZA, LPZA, LPZA, CFA, CFA, BSSD, CPUP, SIV, LDASE, PCMB, ARAG, CLDB, PLCA, VAO, IPMB, SNDB, CANS, BDBF, TXAR, TXAR, TORD.

TEH 20 08:09:03.7:3.3, 42N:46.08E, h8km, 50km, ML2.7, Presumed earthquake

ISC 20 08:09:03.9:0.6, 33.61N:46.09E, h8km, ML2.7, Presumed earthquake

ISC 20 08:09:04.7:1.6, 33.48N:0.04:46.09E:0.07, h6km, 13km, n10, r15/13, 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 ILBA, IBDR, IBDR, IGHG, IDHR, IKFM, RAFI, INDB, IDJK, HAGD.

ISC 20 08:20:31.0:4.2, 11.22S:116.61E, h0km, mb3.3/3, mbmp3.3/4, ML3.0/1, Error ellipse: s-maj=277.7km s-min=26.6km az=46.0, South of Sumbawa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WRA, ASAR.

Table of seismic events with columns for station name, time, and magnitude. Includes events like MKAR Makanchi Array, KURBB Kurchatov Arra, and NEIC 20 08:44:00.8.0.26.78S:0.1x1.177.8W:0.2, h166km,8km.

Table of seismic events with columns for code, station name, time, and magnitude. Includes events like VAO 20 09:04:25.2.4.23.12S:66.75W, h205km,17km, mb4.1, Presumed earthquake.

Table of seismic events with columns for station name, time, and magnitude. Includes events like SIV, CPUP Villa Florida, CO04 Los Paleros, and NEIC 20 09:05:39.1.1.52.0N:0.3x1.78.29E:0.10, h119km,15km.

IDC 20 09:04:25.2.1.6.23.11S:66.65W, h190km,15km, mb3.3/6, mbmp3.8/12, Error ellipse: s-maj=18.4km s-min=12.4km az=85.0

YKA Yellowknife Arr 36.13 47 P P 09 12 29.0 +0.4 comp=N,0.5mm,0.7s, bsz=284, slow=8.0, SNR=6.2

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like PDAR Pinedale Array, KURBB Kurchatov Arra, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like CDITO Volcan, BRUZ MOMS, ILCN San Idelfonso, etc.

UTC 2019:09:23:08.1+1.2, 231.783S; 179.09W, h0km, mb4.2/5, mbmp4.3/6, ML4.1/1, Error ellipse: s-maj=46.0km, s-min=23.8km az=174.0

NEIC 2019:09:23:52.9+1.4, 231.783S; 179.09W, h0km, mb4.2/13, Error ellipse: s-maj=23.4km s-min=14.0km az=136.0

ISC 2019:09:23:51.9+0.9, 231.833S; 0.09W, 179.2W, h0km, n33, c313/35, mb4.0/11, South of Fiji Islands

CATAC 2019:10:57:50.2+0.0, N12.2x8.5W, h26km, 2km, M3.6/25, MLV3.6/25, Error ellipse: s-maj=4.4km s-min=2.3km az=50.1, confirmed

UCR 2019:10:58:14.0+0.9, 10.07N; 85.10W, h37km, 2km, MW3.8, Presumed earthquake

ISC 2019:10:58:4.1+1.0, 10.04N; 0.02E, 85.13W, h32km, 9km, n108, c076/113, Costa Rica

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Lists numerous stations including JUNJ Juntas, CMARA Lajas Hojancha, PAQE Paquera, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Lists stations like MARNC Mare, Loyalty, ETVZ East Tongariro, OTVZ Otutere, etc.

GFZ 2019:35:42.6+0.4, 39.1N; 5.14E, h10km, M5.0/22, Full plane solution

BJJ 2019:35:45.0, 38.65N; 142.69E, h55km, mb5.0/17, mb4.8/58, Ms4.3/22, Ms7.4/125

NEIC 2019:35:47.9+1.7, 38.69N; 0.04E, 142.5E, h43km, 4km, mb4.9/42, Error ellipse: s-maj=12.5km s-min=6.2km az=95.0

JMA 2019:35:47.4+0.1, 38.7N; 0.2E, 142.3E, h42km, MD4.6/40, MW4.6/40, E OFF MIYAGI PREF

NIED 2019:35:47.4, 38.70N; 142.26E, h42km, MW4.6 Moment Tensor Solution, s3 Moment tensor: Scale 1015Nk

IGT 2019:35:48.0+0.4, 38.71N; 0.04E, 142.22E, h43km, 2km, h43km; p-P, n338, c1935/320, mb4.7/104, MS3.9/49, 4C-16D, Near east coast of eastern Honshu

BGR 2019:35:49.6, 38.96N; 142.34E, h33km, mb5.0, Full plane solution

ISC 2019:35:48.0+0.4, 38.71N; 0.04E, 142.22E, h43km, 2km, h43km; p-P, n338, c1935/320, mb4.7/104, MS3.9/49, 4C-16D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Lists stations like OFUJ Ofunato, OFUJ Kesennumotowy, OFUJ Lajitas Array, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Lists numerous stations including JFK Kawauchi, JANG Nangta, JYS Shiratka, etc.

20d 9h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MA2 Magadan, HNS HongShan, NACB Ninganchiao, etc.

2020 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SHL Shillong, IMAR Indian Mountain, KURB Kurchatov, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O03E Paynes Creek, STKA Stephens Creek, KIV Kislovodsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Te Karaka, Carnagh Statio, Rawiri, Ruatahuna, etc.

NEIC 20 10:44:44.1, 9.24, 72S: 0'03.26, 10E: 0'03.5, h5km, 1km, mb_L3,6/15, Error ellipse: s-maj=6.0km s-min=4.1km az=146.0

BUL 20 10:44:46.9, 1.3, 24.77S: 26.08E, h7km, 7km, MD4.1, Presumed earthquake

PRE 20 10:44:47.3, 0.8, 24.68S: 25.98E, h5km, ML3.6, Presumed earthquake

BGSI 20 10:44:47.4, 2.0, 24.74S: 26.07E, h7km, 8km, ML3.7, Presumed earthquake

ISC 20 10:44:46.8, 0.9, 24.38S: 0'02.25, 95E: 0'03.0, h20km, 4km, n57, c218/99, Botswana

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

IDC 20 10:46:30.6, 12.0, 52.63N: 172.31W, h0km, mb3.3/3, mbtmp3.2/4, ML3.2/1, MS3.5/1, Error ellipse: s-maj=234.8km s-min=65.2km az=87.0

NEIC 20 10:46:56.0, 0.6, 52.9N: 0.5, 170.1W: 0.3, h143km, 10km, ML3.2/12, ML3.0(AEIC), Error ellipse: s-maj=7.0km

AEIC 20 10:46:57.0, 0.8, 52.9N: 0.3, 170.1W: 0.2, h135km, 9km, Error ellipse: s-maj=45.1km s-min=7.6km az=160.0

ISC 20 10:46:55.9, 0.9, 53.1N: 0.2, 170.21W: 0.08, h136km, 9km, n34, c0575/39, mb3.3/3, Fox Islands

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

NOU 20 11:16:17.2, 46.73S: 166.87E, h8km, MLV4.0/9, Off W. Coast of S. Island, N.Z.

WEL 20 11:16:05.8, 1.3, 47.5S: 11.1, 16.6E: 1.2, h33km, M4.1/9, ML3.9/9, ML4.1/9, Error ellipse: s-maj=17.8km s-min=10.1km az=129.5, Off west coast of South Island

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

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

IDC 20 10:46:30.6, 12.0, 52.63N: 172.31W, h0km, mb3.3/3, mbtmp3.2/4, ML3.2/1, MS3.5/1, Error ellipse: s-maj=234.8km s-min=65.2km az=87.0

NEIC 20 10:46:56.0, 0.6, 52.9N: 0.5, 170.1W: 0.3, h143km, 10km, ML3.2/12, ML3.0(AEIC), Error ellipse: s-maj=7.0km

AEIC 20 10:46:57.0, 0.8, 52.9N: 0.3, 170.1W: 0.2, h135km, 9km, Error ellipse: s-maj=45.1km s-min=7.6km az=160.0

ISC 20 10:46:55.9, 0.9, 53.1N: 0.2, 170.21W: 0.08, h136km, 9km, n34, c0575/39, mb3.3/3, Fox Islands

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

NOU 20 11:16:17.2, 46.73S: 166.87E, h8km, MLV4.0/9, Off W. Coast of S. Island, N.Z.

WEL 20 11:16:05.8, 1.3, 47.5S: 11.1, 16.6E: 1.2, h33km, M4.1/9, ML3.9/9, ML4.1/9, Error ellipse: s-maj=17.8km s-min=10.1km az=129.5, Off west coast of South Island

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

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Korovin Southe, Korovin Flat P, etc.

IDC 20 10:46:30.6, 12.0, 52.63N: 172.31W, h0km, mb3.3/3, mbtmp3.2/4, ML3.2/1, MS3.5/1, Error ellipse: s-maj=234.8km s-min=65.2km az=87.0

NEIC 20 10:46:56.0, 0.6, 52.9N: 0.5, 170.1W: 0.3, h143km, 10km, ML3.2/12, ML3.0(AEIC), Error ellipse: s-maj=7.0km

AEIC 20 10:46:57.0, 0.8, 52.9N: 0.3, 170.1W: 0.2, h135km, 9km, Error ellipse: s-maj=45.1km s-min=7.6km az=160.0

ISC 20 10:46:55.9, 0.9, 53.1N: 0.2, 170.21W: 0.08, h136km, 9km, n34, c0575/39, mb3.3/3, Fox Islands

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Korovin Southe, Korovin Flat P, etc.

NOU 20 11:16:17.2, 46.73S: 166.87E, h8km, MLV4.0/9, Off W. Coast of S. Island, N.Z.

WEL 20 11:16:05.8, 1.3, 47.5S: 11.1, 16.6E: 1.2, h33km, M4.1/9, ML3.9/9, ML4.1/9, Error ellipse: s-maj=17.8km s-min=10.1km az=129.5, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Korovin Southe, Korovin Flat P, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Otahua Downs, Lake Benmore, Timaru, etc.

Summary text for station groups: IDC 20 11:28:46.8, 2.7, 4.5; NNC 20 11:28:48.2, 1.0, 4.4; SOME 20 11:28:49.4, 4.4; ISC 20 11:28:46.7, 1.2, 4.4.

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

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

Summary text for station groups: IDC 20 11:40:39.9, 0.3, 1.5; MOS 20 11:40:40.6, 0.9, 1.6; BUJ 20 11:40:43.0, 1.3; NEIC 20 11:40:44.4, 1.9; GZ 20 11:40:47.2, 0.3; GGMT 20 11:40:48.0, 0.2.

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

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

20d 11h

Table of flight data for 20d 11h, listing destinations like WARRAMUNGA ARR, MOUNT ISA, and KUNMING with columns for flight number, time, and status.

2020 DEC

Table of flight data for 2020 DEC, listing destinations like KAMBALDA, BALIDU, and KUNMING with columns for flight number, time, and status.

950

Table of flight data for 950, listing destinations like BAIJIATUAU, DUBBO COLLEGE, and KUNMING with columns for flight number, time, and status.

951

Table with columns for station name, frequency, power, and coordinates. Includes stations like Ulanbaatar, Songino Array, Gornyy, etc.

2020 DEC

Table with columns for station name, frequency, power, and coordinates. Includes stations like RATZ, WTZY, OXZ, etc.

20d 11h

Table with columns for station name, frequency, power, and coordinates. Includes stations like VVDA, VVDA, VVDA, etc.

20d 12h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like QSPA South Pole Qui, AKUL Konya-Kulu, ARCES ARCESS Array B, etc.

2020 DEC

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 20 11:43:33.4, ISC 20 11:43:31.9, TROLL Troil, etc.

952

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songino Array, KSRS Kora Array, PSI Prapat, etc.

0.3m,0.8s
MKAR Makanchi Array 55.73 326 P P 13 36 26.6 -0.3

IDC 20 14:01:35.1-1.4, 27.43N:111.79W, h0km, mb3.7/2,
mbtmp3.7/8, ML3.8/5, MS3.6/19, Error ellipse:
s-maj=19.4km s-min=14.7km az=33.0

MEX 20 14:01:37.4-0.4, 28.06N:112.42W, h10km, MD4.2,
Presumed earthquake

ISC 20 14:01:39.6-0.8, 27.83N:105.11179W, h0km, n27,
e20717, MS3.6/13, Gulf of California

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

IDC 20 14:19:46.7-1.3, 22.84N:144.44E, h0km, mb3.6/7,
mbtmp3.6/7, Error ellipse: s-maj=54.9km s-min=22.8km
az=84.0

ISC 20 14:19:52.0-1.3, 22.8N:144.4E:0.3, h35km, n7,
e0667, mb3.5/7, Volcano Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Volcano Islands region.

0.6m,0.7s
ASAR Alice Springs 47.32 193 P P 14 28 22.1 -0.4

ZALV Zalesovo Beam 54.03 321 P P 14 29 12.0 -0.7

MKAR Makanchi Array 54.77 312 P P 14 29 18.8 +0.6

BVAR Borovoye Array 62.55 319 P P 14 30 12.8 +0.5

YKA Yellowknife Ar 79.45 28 P P 14 31 29.5 +0.3

FINES Fines Array B 82.65 335 P P 14 32 10.9 -0.6

KRNET 20 14:34:13.2-0.1, 42.58N:70.55E, mb2.2
NNC 20 14:34:09.8-0.4, 42.87N:70.31E, h0km, mpv2.8, 10C,
Error ellipse: s-maj=3.3km s-min=2.6km az=36.0,
Suggested naming explosion, Central Kazakhstan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Kazakhstan region.

NEIC 20 14:54:22.0-1.3, 20.3S:0.1x177.7W:0.1, h558km, 7km,
mb4.8/44, Error ellipse: s-maj=18.0km s-min=15.5km
az=140.0

NOU 20 14:54:22.0-0.20, 31S:177.58W, h567km, mb4.8/22, Fiji
Islands Region

GFZ 20 14:54:22.3-0.3, 20.3S:0.1x177.7W:0.1, h564km, M4.7/20,
mb4.7/20, confirmed

IDC 20 14:54:23.4-1.6, 20.34S:177.84W, h569km, 16km, mb3.9/9,
mbtmp4.5/12, Error ellipse: s-maj=19.7km s-min=13.5km
az=146.0

ISC 20 14:54:21.6-0.4, 20.36S:0.06:177.82W:0.06, h550km,
n214, s1446/216, mb4.8/55, 9C-2D, Fiji Islands region

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

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Pacific region.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like Gunungsitoli, TXAR, WRH, HDA, CCB, IMAR, ILAR, XAN, VNA3, VNA2, PDAR, M3OM, L29M, DAWY, HHC, CMAR, CHTO, KURK, BVAR, ARCES, FINES, HFS, MARD, AK03, AK08, AK11, AK17, EKA, BNN, BRTR, BRTR, BUR08, KOLJ, OSTC, MMAI, CLL, STEB, DPC, MAUC, TREC, ZVC, KHC, CKRC, GERES, GERES, AKAS.

NNC 20 15:10:46.3, 0.37, 0.7N: 71.41E, h0km, mb4.0, mpv3.8, Error ellipse: s-maj=23.9km, s-min=21.9km, az=1.0

ISC 20 15:10:44.4, 1.3, 36.60N: 0.7712E: 0.1, h100km, n25, az=14/35, 4C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JMU, ALCI, TSSA, THN, THN, THN, THN, DHRM, DHRM, DHRM, UCH, EK2S, KK31, AAK, AAK, AAK, CHMS, USP, TKM2, SMLA, SMLA, SMLA.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like SMLA, KLP, KLP, KLP, UTK, UTK, JOSD, KUDL, PTH, LGTI, MAKZ, MK31, AB31, BVA0.

SNET 20 15:12:31.8, 2.8, 14.91N: 88.33W, h12km, ML3.3, Presumed earthquake

GCG 20 15:12:31.5, 1.1, 15.02N: 88.61W, h0km, e6km, MD4.0, Presumed earthquake

ISC 20 15:12:28.1, 3.0, 15.1N: 0.1x88.3W: 0.1, h100km, n7, az=062/11, Honduras

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like ESQI, ZAFR2, COEG, BOOS, JAYA, CNCH, APG, APG.

IDC 20 15:16:41.8, 1.2, 8.91S: 110.71E, h0km, mb3.7/6, mbtmp3.87, ML3.5/1, MS3.2/7, Error ellipse: s-maj=57.7km, s-min=19.5km, az=54.0

NEIC 20 15:16:45.8, 1.2, 9.25S: 0.09x110.85E: 0.09, h35km, 1km, mb4.2/8, Error ellipse: s-maj=19.5km, s-min=9.3km, az=228.0

DJA 20 15:16:49.8, 0.3, 9.3S: 3x110E, h10km, M4.3/24, ML4.3/24

ISC 20 15:16:47.2, 0.7, 9.24S: 0.07x110.49E: 0.07, h51km, n46, az=197/30, mb3.8/8, MS3.1/7, South of Jawa

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like PCJI, UGM, UGM, UGM, YOGI, WOJI, PWJI, PUJI, SCJI, SMRI, SMRI, CMJI, BMJI, BBJI, BLJI, JAGI, DBJI, DNJI, KAPI, BMJI, FITZ, FITZ, FITZ, FITZ.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like GUMO, GUMO, GUMO, GUMO, GUMO, TNTI, PMG, PMG.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like H1S3, H1S1, H1S2, H1S1, H1S2, H1S1, H1S2.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like YULB, WJAR, WJAR, ASAR, ASAR.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like ASAR, ASAR, EIDS, EIDS, HIA, CMAR.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like CMAR, SONM, SONM, CPK, URZ, URZ.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like RTZ, TCW, TUWZ, MKAR.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like ZALV, ZALV, MLZ, KURBB.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like C18K, C18K, D19K, D19K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like IMAR, D20K, D20K, D23K, D23K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like ILAR, ILAR, ILAR, ILAR.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like D24K, D24K, D24K, D24K.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JTHY, JTHY, JTHY, JTHY, JTHY, JTHY, JTHY.

NEIC 20 15:35:15.9, 0.9, 12.88N: 0.09x144.01E: 0.09, h102km, 6km, mb4.2/25, Error ellipse: s-maj=16.0km, s-min=7.5km, az=135.0

IDC 20 15:35:15.6, 1.1, 17.98N: 144.03E, h108km, 10km, mb3.5/3, mbtmp3.9/13, MS3.0/1, Error ellipse: s-maj=20.3km, s-min=14.7km, az=86.0

ISC 20 15:35:15.0, 0.5, 12.84N: 0.08x143.97E: 0.09, h100km, n60, az=063/56, mb4.1/25, South of Mariana Islands

NIED 20 15:39:11.0, 0.34, 48N: 139.32E, h10km, MW3.7, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm; Mn=-0.27; Mw=3.10; Ms=3.36; M=2.45; Mw=1.16; Mw=1.12; Fault plane solution: M=4.36000x10^14 NP1=33.00000, 853.00000, -1.600000. NP2=126.00000, 885.00000, 1.432000

IDC 20 15:39:11.3, 0.8, 34.41N: 139.20E, h0km, mb3.5/7, mbtmp3.6/9, ML3.5/2, MS3.2/2, Error ellipse: s-maj=21.5km, s-min=12.7km, az=71.0

JMA 20 15:39:11.0, 0.0, 34.5N: 0.1x139.3E: 0.3, h10km, MV3.5/37, NEAR NIJUMA ISLAND

JMA Felli J1 at NEAR NIJUMA ISLAND

ISC 20 15:39:11.6, 1.0, 34.48N: 0.02x139.34E: 0.04, h4km, 7km, n30, az=86/32, mb3.5/7, 5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JTHY, JTHY, JTHY, JTHY, JTHY, JTHY, JTHY.

20d 15h

2020 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ODawara 2, Fujinako, Boso 3, Hachijo jima 2, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAW Mawson, SBA Scott Base, AB31 Akbulak array, etc.

IDC 20 15:53:14.0-0.7, 12.42N; 143.31E, h0km, mb4.0/13, mbtmp4.0/13, MS3.3/22, Error ellipse: s-maj=21.6km s-min=15.8km az=139.0

IDC 20 15:53:52.2-6.9, 9.12S; 111.93E, h0km, mb3.6/4, mbtmp3.7/5, ML4.0/1, Error ellipse: s-maj=121.3km s-min=19.6km az=49.0

NEIC 20 15:55:08.0-1.6, 16.40S; 73.67W, h39km, n160, r1512/135, mb4.7/26, MS3.8/19, Near coast of Peru

IDC 20 15:53:17.9-0.5, 12.48N; 143.45E, h0km, mb4.0/13, mbtmp4.0/13, MS3.3/22, Error ellipse: s-maj=18.0km s-min=11.7km az=134.0

IDC 20 15:53:57.4-1.8, 9.29S; 105.112, 15E, 0.06, h33km, 2km, mb4.3/14, Error ellipse: s-maj=12.7km s-min=5.2km az=50.0

IDC 20 15:53:57.0-0.6, 9.27S; 107.112, 0E, 0.04, h35km, n56, r165/55, mb4.1/11, South of Jawa

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO Guam, GUMU Guam, GUMU Guam, etc.

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PWJJI Pagerwojo, PWJJI Pagerwojo, PWJJI Pacitan, etc.

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AP01 Chacalluta, AP01 Chacalluta, PB12 IPOC Station, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include PLCA Paso Flores, BDFB Brasilia, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include MXZ Matakaoa Point, WNGZ Waiomatatini S, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include BCAR Beaver Creek A, D27M Matcolin River, G31M Satah River, etc.

20d 16h

Table with columns: SHO, SHIK, 3.46, 60, eP, Pn, 16 26 41.8, +29, 16 26 43.5, etc. Includes rows for SHIK, Yuzhno-Sakhal, Kuril'sk, etc.

2020 DEC

Table with columns: ULN, Ulaanbaatar, 25.64, 295, eP, P, 16 30 46.3, +0.5, etc. Includes rows for ULN, GUMO, TIXI, etc.

958

Table with columns: AB31, Akbulak array, 55.44, 308, P, I, 16 34 49.9, -0.1, etc. Includes rows for AB31, ARCES, KUR, etc.

Table with columns for station names, codes, coordinates, and times. Includes stations like GERES GRESS Array B, RAYN Ar Rayn, MMIAI Mount Meron Ar, and many others.

Table with columns for station names, codes, coordinates, and times. Includes stations like KUR Kuril'sk, SHO Shikotan, YUK Yuzh-Kuril'sk, and many others.

BER 20 16:27:41.1±2.3, 81.74N±4.89W, h10km, Mw3.1, ML1.6(DNK), Confirmed Earthquake
DNK 20 16:27:42.8±2.7, 81.81N±4.60W, h36km±22km, ML1.6, Presumed earthquake
FCIAR 20 16:27:44.0, 81.80N±2.32W, h10km, station OMEGA has station magnitude of 3.10

Table with columns for station names, codes, coordinates, and times. Includes stations like NOR Nord, KBS Kingsbay, and many others.

Table with columns for station names, codes, coordinates, and times. Includes stations like DAG Danmarks Havn, OMEGA Omega, and many others.

NEIC 20 16:36:49.7±1.2, 15.48S±0.06, 71.8W±0.1, h113km±8km, mb4.6/9, Error ellipse: s-maj=16.2km s-min=7.2km az=106.0
IDC 20 16:36:54.3±1.4, 14.55S±7.1W, h116km±37km, mb3.3/2, mbmp3.8/5, Error ellipse: s-maj=139.2km s-min=11.8km az=25.0

ISC 20 16:36:49.1±0.8, 15.54S±0.09, 71.75W±0.09, h100km±20, az=232/21, mb4.6/5, Southern Peru

Table with columns for station names, codes, coordinates, and times. Includes stations like AP01 Chacalluta, PB12 IPOC Station P, and many others.

DC 20 16:39:45.8±1.8, 29.83S±67.30W, h100km±16km, mb3.6/2, mbmp3.6/5, Error ellipse: s-maj=45.6km s-min=16.7km az=117.0
SJA 20 16:39:46.3±0.7, 29.85S±67.45W, h117km±3km, ML3.5, MW3.6

ISC 20 16:39:47.0±0.8, 29.82S±0.03, 67.42W±0.04, h116km±7km, n41, c#89/53, La Rioja Province

Table with columns for station names, codes, coordinates, and times. Includes stations like AACL CERRO LA CRUZ, AVFE Valle Fertill, APLL PUNTA DE LOS L, and many others.

Table with columns for station names, codes, coordinates, and times. Includes stations like AUSP Uspallata, G004 Tololo Observa, LCO Las Campanas, and many others.

NOU 20 16:55:49.2, 42.26S±173.75E, h16km, MLv3.2/9, South Island, New Zealand
WEL 20 16:55:49.1±0.3, 42.26S±173.75E, h5km, M2.7/12, ML2.6/17, MLv2.7/12, Error ellipse: s-maj=3.3km s-min=2.1km az=123.8

NEIC 20 16:55:50.0±1.2, 42.15S±173.65E±0.03, h8km±5km, mb4.5/5, Error ellipse: s-maj=3.9km s-min=1.9km az=129.0

ISC 20 16:55:49.9±0.9, 42.17S±173.69E±0.02, h10km±6km, n73, c#122/91, mb4.5/4, South Island

Table with columns for station names, codes, coordinates, and times. Includes stations like LOKS Mount Lookout, KIKS Kaikoura, KHZ Kahutara, and many others.

20d 17h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MTW, MOZ, OGWZ, etc.

IDC 20 17:03:52.3±1.1, 32°49'N:5°90'W, h0km, mb3.6/6, mbtmp3.7/8, ML4.1/2, MS2.2/2, Error ellipse: s-maj=19.8km s-min=15.4km az=115.0

CNRM 20 17:03:53.0, 32°36'N:5°86'W, h3km SFS 20 17:03:54.9, 32°50'N:5°94'W, h0km, mb4.4/13, ML4.0/26, ML4.4/26, MLv4.2/20

MDD 20 17:03:54.9±0.4, 32°50'N:5°92'W, h0km, Mb4.6/26, M, mb4.0/25, Error ellipse: s-maj=4.2km s-min=3.4km az=120.0

INMG 20 17:03:55.4±2.1, 32°51'N:5°85'W, h9km, ML3.3, Error ellipse: s-maj=7.3km s-min=4.1km az=88.0

IGIL 20 17:03:56.1, 32°52'N:5°97'W, h0km ISC 20 17:03:53.1±1.1, 32°47'N:0°03'58'W, h0.02, h6km±8km, n144, e2818/232, mb3.5/13, 19C-4D, Morocco

Main table for 20d 17h section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TISM, MDM31, GOLM, etc.

2020 DEC

Main table for 2020 DEC section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like EBEB, EQUE, EOTA, etc.

960

Main table for 960 section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PSBE, PSBE, PCBR, etc.

20d 17h

2020 DEC

Table with columns for station codes (KLR, KSRS, etc.), frequencies, and signal metrics (SNR, etc.). Includes stations like Hailar Array B, Wonju Array Be, BinXian, etc.

Table with columns for station codes (HILR, JOW, MA2, etc.), frequencies, and signal metrics (SNR, etc.). Includes stations like Hailar Array B, Kunigami, Magadan, etc.

Table with columns for station codes (HHC, HHC, TIY, etc.), frequencies, and signal metrics (SNR, etc.). Includes stations like Hailar Array B, Taoyuan, Taipei, etc.

20d 17h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N15K Kwethluk River, TNCH TengChong, I17K Unalakleet, etc.

2020 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MK31 Makanchi Array, G21K Atakake, CHTO Chiang Mai, etc.

964

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FAKI Fak Fak, F23K Chandalar, I23K Minto, etc.

20d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like T35M, JAGI, SRI GANGA, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like HYB Hyderabad, VADS Vado, etc.

966

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRO, RNF, BHUU, etc.

20d 17h

Table of astronomical observations for the 20d 17h period, listing objects like BATM Batumi, NC602 NORSAR Array S, and various other sources with their coordinates and magnitudes.

2020 DEC

Table of astronomical observations for 2020 DEC, listing objects like SKAR Skarstia, SUW Suwalki, and various other sources with their coordinates and magnitudes.

968

Table of astronomical observations for 968, listing objects like ISOG comp=Z,302nm,1.3s, JRN comp=Z,302nm,1.3s, and various other sources with their coordinates and magnitudes.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like BIR, VLDR, ULM, BURAR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like BRTR, RUE, RUE, MLR, MLR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like MTUR, PV11, DPC, DPC, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like CLL, DRUM, LOZB, PVCC, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like ZVC, IBBN, MOX, HWQ, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like DGAR, WET, RAYN, etc.

Table with columns for name, coordinates, and values. Includes entries like KOGS, TEKERS, GRABER, MOUNT, BADA, SETHAL, etc.

Table with columns for name, coordinates, and values. Includes entries like ELMS, BLCB, STRO, CREN, etc.

Table with columns for name, coordinates, and values. Includes entries like BCI, BAJRAN, SANCT, SQT, etc.

20d 17h

Table with columns for station call letters, frequency, and signal strength. Includes stations like KBN Korca, NEST Nestorio, R32A Long Quarter, etc.

2020 DEC

Table with columns for station call letters, frequency, and signal strength. Includes stations like NYDR Nydri-Lefkada, URZ Urewera, AXS Araxos, etc.

972

Table with columns for station call letters, frequency, and signal strength. Includes stations like TAOE comp=Z,4um,25.7s, TAOE comp=Z,40um,21.5s, MNHN comp=Z,150nm,1.5s, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like E62A Clayton Lake, PECO Prince Edward, BRDY Brady, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like ATE Arette, T47A Sharon Grove, CORI Orista, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like VBMS Vicksburg, M63A Gales Ferry, M63A Signal Mount, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other details. Includes entries like X58A Rowland, PSARD Sardao, PSARD Roper, 352A Adamuz, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other details. Includes entries like PAYG Puerto Ayora, EDA Edea, LSZ Lusaka, VNSA Vanda, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other details. Includes entries like SMTB Santa Maria do, PB05 IPOP Station P, PB10 IPOP Station P, etc.

Table with columns: Code, Station Name, Frequency, Mode, Band, and other details. Includes entries like CLCO Concord Point, NIKH Nikolski High, NIKH Nikh, etc.

IDA 20 17:56:33.3, 4.715s; 106.09E, h0km, mb3.9/8, mb13m.9/8, Error ellipse: s-maj=174.2km s-min=20.0km bz=48.0, DJA 20 17:56:36.0, 5.9'S; 3.3*10^6E, h10km, M4.0/18, mb4.4/3,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SKJI Sukabumi, BBJI Bungbulang, CGJI Cibinong, etc.

IDC 20 18:13:38.9-0.8, 22.51N:93.63E, h0km, mb3.8/6, mbmp4.3/7, ML3.8/1, Error ellipse: s-maj=22.7km

NDI 20 18:13:45.5-2.4, 22.61N:93.65E, h10km, ML3.1, Presumed earthquake

BKK 20 18:13:46.5-0.9, 23.16N:99.4E, h30km, 6km, M3.9/7, mb4.0/4, Mjma3.9/6, ML4.1/7, ML3.8/6

ISC 20 18:13:42.2-0.8, 22.60N:005.93E:0.05, h10km, n18, e231/22, mb3.7/7, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for AIZL Aizawl, BRDH Baridhala, BRDH Bhatkhal, etc.

IDC 20 18:17:58.8-2.2, 60.00N:153.60W, h89km, 20km, mb3.2/2, mbmp3.3/5, Error ellipse: s-maj=39.1km s-min=11.9km

NEIC 20 18:18:01.7-1.3, 59.93N:0104.153W:0.09, h124km, 4km, ML2.6/108, ML2.5(AEIC), Error ellipse: s-maj=6.5km s-min=5.7km az=120.0

AEIC 20 18:18:03.0-1.0, 59.93N:0104.153W:0.08, h120km, 3km, Error ellipse: s-maj=6.3km s-min=5.5km az=121.0

ISC 20 18:18:01.9-0.9, 59.93N:0104.153W:0.04, h125km, 6km, n97, e090N, Southern Alaska

Table with columns: RED, AUK, AULK, AUGUSTINE, etc. Includes entries for Redoubt Volcan, Augustine, Redoubt South, Port Alsworth, etc.

Table with columns: VREDI, NEA2, WRH, etc. Includes entries for VREDI, NEA2, WRH, Wood River Hill, etc.

IDC 20 18:21:11.9-0.6, 55.48S:29.43W, h0km, mb4.2/10, mbmp4.3/12, ML4.9/2, M5.3/1, Error ellipse: s-maj=22.0km s-min=16.4km az=65.0

NEIC 20 18:21:13.3-1.7, 55.55S:29.12W:0.2, h10km, 1km, mb4.9/18, Error ellipse: s-maj=22.0km s-min=13.9km az=203.0

GFZ 20 18:21:14.3-0.3, 55.5S:29.3W:0.1, h10km, M4.5/12, mb4.5/12, confirmed

ISC 20 18:21:15.7-0.4, 55.49S:008.29W:0.07, h28km, n75, e1841/65, mb4.5/23, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

20d 19h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other technical details. Includes stations like MOKO, KOKOCHONG, KURI, KURK, etc.

2020 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other technical details. Includes stations like DRK, KURK, KURK, etc.

978

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other technical details. Includes stations like PALN, PALN, PALN, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AVH Avacha, SMAR Somma, UGLR Ugljovaya, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SONM comp=Z,0.3nm,0.6s, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ESDC Sonseca Array, WRA Warramunga Arr, etc.

20d 20h

0.2nm, 0.5s, baz=116, slow=8.3, SNR=5.5
KURBB Kurchatov Arra 61.61 327 P P 20 35 39.8 0.0
BVAR Borovoye Array 67.20 327 P P 20 36 18.9 +2.7
IDC 20:20:43:48.6-0.4, 19:01'S:167.44E, h0km, mb4.8/23,
mbmp4.8/25, ML5.2/2, MS4.2/45, Error ellipse:
s-maj=14.1km s-min=10.8km az=92.0
BUJ 20:20:43:48.2, 18:97'S:167.56E, h8km, mB5.6/12, mb5.1/60,
Ms5.1/2, Ms7.4/8/1
NOU 20:20:43:49.7, 19:04'S:167.62E, h7km, mb5.3/89, Vanuatu
Islands Region
MOS 20:20:43:49.8, 18.18'S:167.32E, h13km, mb5.3/33, Error
ellipse: s-maj=10.9km s-min=8.3km az=43.9
NEIC 20:20:43:50.2, 19:22'S:167.95E, h10km, 1km,
mb5.3/221, Mw0.5, 10.0, Error ellipse: s-maj=23.9km
s-min=12.6km az=76.0
NEIC 20:20:43:51.6, 18:91'S:167.59E, h12km, Moment Tensor
Solution. Duration: 2s Moment tensor: Scale 10^19Nm;
Mn=8.62; Mw0.16; Ms0.84; M0=1.38; M1=3.30; M2=3.50;
Fault plane solution: Ms9.90000x10^16 NP1:
0.145, 330000, 838.400000, -114.730000. NP2:
0.355, 780000, 855.650000, -1.71.650000. Principal axes:
T 10.0539, Plg9.00000, Azm73.00000; N -0.3241,
Plg15.00000, Azm165.00000; P -9.7299, Plg72.00000,
Azm313.00000
NEIC 20:20:43:51.2, 19:31'S:167.48E, h10km
GFZ 20:20:43:54.6, 19:00'S:167.37E, h30km, Mw5.3/72, Moment
Tensor Solution. Moment tensor: Scale 10^17Nm;
Mn=1.09; Mw0.28; Ms0.81; M0=0.30; M1=0.29; M2=0.58;
Fault plane solution: Ms1.2488x10^17 NP1:
0.154, 352222, 861.437650, -1.91.649590. NP2:
0.337, 799200, 828.605940, -1.86.972950. Principal axes:
T 1.1328, Plg16.42230, Azm245.56820; N 0.1502,
Plg1.44880, Azm155.14110; P -1.2830, Plg73.51030,
Azm60.23980
GCMT 20:20:43:54.0, 18.99S:0.02:167.37E:0.01, h13km,
Mw5.2/137, Moment Tensor Solution. s58, 673,
s137, c219. Duration: 1s Moment tensor: Scale 10^17
Nm; Mn=0.78; Mw0.03; M0=0.03; M1=0.74; M2=0.0;
M=0.01; Ms0.05; Mw0.16; M0=0.04; M1=0.04; M2=0.04; Best double
couple: M0.780000, 1017, NP1.349, 000000, 845, 000000,
-1.89, 000000. NP2.0.167, 000000, 645, 000000,
-1.91, 000000. Principal axes: T 0.7800, Plg0.00000,
Azm258.00000; N -0.0010, Plg1.00000, Azm168.00000; P
-0.7790, Plg89.00000, Azm351.00000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment rate function
GFZ 20:20:43:54.7, 0.2, 19.3'S:167.7E, h35km, M5.2/45,
mB5.3/45
ISC 20:20:43:50.3, 0.6, 19.10'S:0.04:167.58E:0.05, h14km, 3km,
h15km; pP-P.n610, i=143/464, mB5.4/222, MS4.3/45,
16C-27, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like DVP, RTV, INH, MARNC, etc.

2020 DEC

Table with columns: URZ, LR, 20 56 08.6, comp=Z, 647nm, 18.6s, baz=321, slow=35. Lists various stations like URZ, Urewera, Urewera, etc.

980

Table with columns: AUALC, 31.66 256 P P 20 50 12.9 -0.6, comp=Z, 389nm, 0.6s. Lists various stations like AUALC, AUCAS, KDU, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VVDA, BBJ, CBY, KAS, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CMAR, GOMU, J20K, LSA, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SML, GOMU, J20K, LSA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PLG Polygyros, DRO Drossia, AMPL Ampelaki, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BLCB Balçova, BERA Berati, BERA BERA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, SONM Songino Array, etc.

Table with columns: HILR, Hailar Array B, 49.72 357 P, P, 22 22 36.2 +1.2, etc.

SJA 20 22:20:03.7±0.21.96S:68.70W, h119km,4km, ML3.6, MW3.6

NEIC 20 22:20:03.4±1.3, 2.22.01S:02.06.68W±0.08, h121km,5km, mb4.0/8, ML3.6(GUC), Error ellipse: s-maj=10.7km

GUC 20 22:20:04.5±0.7, 2.22.00S:68.70W, h119km,5km, ML3.6, Presumed earthquake

ISC 20 22:20:03.1±0.8, 21.98S:03.68.72W±0.05, h126km,6km, n58, c0.95/6.6, Chile-Bolivia border region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: PB12, IPOC Station P, 3.67 335 Pn, Pn, 22 20 57.1 -1.5, etc.

NEIC 20 22:42:24.0±1.3, 54.45N:0.05±158.94W±0.07, h17km,2km, mb3.9/21, ML3.8/22, ML3.7(AEIC), Error ellipse: s-maj=7.8km

ISC 20 22:42:26.3±0.9, 55.22N:159.55W, h0km, mb4.0/22, mbmp3.9/25, ML3.5/3, Error ellipse: s-maj=21.6km

AEIC 20 22:42:26.2±1.4, 54.48N:0.05±159.03W±0.08, h19km,4km, Error ellipse: s-maj=8.0km

ISC 20 22:42:25.2±1.8, 54.50N:0.08±158.93W±0.04, h23km,11km, n111, c1.01/110, mb4.0/24, South of Alaska

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: E29M, Blow River, 17.03 27 Pn, Pn, 22 26 21.3 ±0.1, etc.

BGR 20 22:48:30.8, 20.65S:178.50W, h500km

NEIC 20 22:48:36.2±1.9, 20.75S:0.1x178.3W±0.1, h545km,6km, mb4.4/9.1, Error ellipse: s-maj=18.7km

ISC 20 22:48:37.2±1.2, 20.63S:178.49W, h563km, 13km, mb3.7/27, mbmp4.6/31, Error ellipse: s-maj=13.1km

GFZ 20 22:48:37.4±0.7, 21.5±17.8W, h572km,6km, M4.5/23, mb4.5/23, Error ellipse: s-maj=20.4km

ISC 20 22:48:38.9±0.4, 20.57S:0.08±178.52W±0.07, h587km, n327, c1.03/318, mb4.9/33, 23-34, Fiji Islands region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

20d 22h

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like QIS Mount Isa, BB00 Bucklebo, JAY Jayapura, etc.

2020 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PMR Palmer, B0A Blue Mountains, DMO Wollman Farm, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like KIRS Kirsehir-Merke, VLDR Vladesti, TLRG Vladesti, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like WLF, MORH, TAVA, MOA, BLBK, ARSA, etc.

ADC 20:25:09.6:0.8, 52.12N, 170.53W, h0km, mb4.0/29, mtbpm4.0/32, ML3.8/3, MS3.1/1, Error ellipse: s-maj=22.7km s-min=11.6km az=172.0

AEIC 20:25:14.8:1.6, 51.186N, 107.170, 39W, 0.08, h38km, 4km, Error ellipse: s-maj=10.9km s-min=5.5km az=145.0

NEIC 20:25:14.4:1.3, 51.187N, 107.170, 41W, 0.07, h41km, 7km, mb4.0/41, ML3.8/14, ML3.6(AEIC), Error ellipse: s-maj=6.2km s-min=5.1km az=67.0

ISC 20:25:13.9:0.6, 51.18N, 107.170, 39W, 0.04, h36km, 1km, n136, r1908/141, mb3.9/48, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like CLCO, NIKH, OKWE, etc.

Main table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like KDAD, KODI, CAST, GHO, SML, ILAR, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like NOVA, HFS, AB31, etc.

IDC 20:23:05.5:8.9, 18.29S, 176.94W, h378km, 52km, mb3.1/3, mtbpm3.9/5, Error ellipse: s-maj=188.3km s-min=35.3km az=140.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like DSVF, MZM, WRA, etc.

20d 23h

NEIC 2023:27:04.9.1.4. 49.3N:01.155:9E:0.1.h43km,7km, mb4.5/80, Error ellipse: s-maj=17.4km s-min=10.5km az=143.0

IDC 2023:27:07.5.2.4. 49.45N:155.87E, h62km,20km, mb3.7/28, mbmp4.1/34, MS3.1/11, Error ellipse: s-maj=20.7km s-min=11.3km az=156.0

ISC 2023:27:04.7.0.5.49.17N:006.165:19E:0.05, h50km, n258, #152/268, mb4.3/93, MS3.0/4, 10C-5D, Kuril Islands

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

2020 DEC

Table with columns: Station Name, Time, Res, ISC, Pn, S, etc. Lists seismic events with station names like HEH, YAK, BILL, etc.

Table with columns: Station Name, Time, Res, ISC, Pn, S, etc. Lists seismic events with station names like RES, RES, RES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various radio stations.

VAO 20 23:35:51.2, 0.7, 22.89S:69.58W, h58km, 5km, mb5.2, Presumed earthquake

GFZ 20 23:36:04.0, 4.0, 2.23 S:2.6 9W, h120km, 4km, M5.0/16, mb5.0/16

NEIC 20 23:36:04.5, 1.6, 22.71S:0.04E, 68.71W, 0.06, h106km, 3km, mb4.9/390, Mw4.9(GUC), Error ellipse: s-maj=8.5km

IDC 20 23:36:05.2, 0.4, 22.57S:68.62W, h107km, 3km, mb4.4/14, mbmp4.6/20, MS3.6/15, Error ellipse: s-maj=14.9km

GUC 20 23:36:05.4, 0.8, 22.97S:68.81W, h111km, 4km, M4.9, Presumed earthquake

GCMT 20 23:36:08.5, 0.4, 22.66S:0.0468:71W, 0.03, h121km, 6km, MW4.8/83, Moment Tensor Solution, s14:c14; s83:c100; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-1.18±.11; Mw±.03±.17; Mww±.08±.21; Mww±.06±.17; Mw-1.58±.09; Best double couple: Mo1.98900x10^17; NP1.3e171.00000e, delta1.00000e, lambda-117.00000e. NP2: 0e19.00000e, delta5.00000e, lambda-82.00000e. Principal axes: T 1.7730, Plg30.0000e, Azm102.0000e; N 0.4280, Plg7.0000e, Azm197.0000e; P 2.2050, Plg59.0000e, Azm299.0000e; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function

SJA 20 23:36:17.2, 0.7, 23.69S:68.22W, h145km, M3.3, MW3.9

ISC 20 23:36:04.5, 0.3, 22.83S:0.03:68.75W, 0.03, h108km, 2km, h108km:p-P, n572, r138/585, mb4.8/114, C11, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various radio stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like YERR, YHB, YHL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ASAR, Alice Springs, NR1K, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BIOA, MOA, MOA, etc.

TXNET 20 23:46:06.9,31.9N,0106.1023W,0.5,h8km,ML1.3/9, Error ellipse: s-maj=0.9km s-min=0.7km az=160.5, final, Western Texas

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

Table listing stations and their coordinates for TXNET, including TMB07, TMB07, ODSA, etc.

ATH 21 00:05:49.8,39.81N,20.55E,h13km,2km,ML2,2/7, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

ISC 21 00:05:50.4,1.0,39.78E,0.02,20.58E,0.02,h13km,8km,n20,-r150/37,1.8,Green-Albania border region

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

Table listing stations and their coordinates for ATH, including JAN, JAN, IGT, etc.

IDC 21 00:08:42.3,2.1,113N,125.59E,h0km,mb3,3/3,

Table listing stations and their coordinates for IDC, including BIOA, MOA, MOA, etc.

21d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes WRA Warramunga Arr, ASAR Alice Springs, KRVT Keravat, MKAR Makanchi Array.

TAP 21 00:35:01.9, 25.45N; 122.51E, h206km, ML3.9, D
JMA 21 00:35:04.2, 0.3, 25.5N; 122.6E:0.8, h186km, MV2.9/9,
NW OFF ISHIGAKIJIMA IS
ISC 21 00:35:03.4, 0.3, 25.25N; 0.1; 122.58E:0.04, h195km, 17km,

Main table of station data for the 21d 1h period, listing various stations like SX11, TIPB, EOS2, NDS, FUSB, WULAI, etc.

IDC 21 00:51:03.0, 0.7, 47.66N; 156.57E, h0km, mb4.0/17,
mbmp4.0/19, ML3.7/2, MS2.8/3, Error ellipse:
s-maj=18.3km s-min=15.8km az=139.0
NEIC 21 00:51:04.7, 1.5, 47.8N; 156.7E:0.2, h10km, 1km,
mb4.2/5, Error ellipse: s-maj=23.4km s-min=19.5km
az=107.0
MOS 21 00:51:06.9, 1.1, 47.87N; 156.69E, h37km, mb4.5/6, Error
ellipse: s-maj=14.3km s-min=4.1km az=84.6
KRSC 21 00:51:08.2, 1.2, 48.12N; 157.19E, h30km, 24km, ML4.8
SKHL 21 00:51:08.3, 0.5, 47.90N; 156.50E, h48km, 7km, mb5.0/7
ISC 21 00:51:08.4, 0.6, 47.89N; 156.52E:0.07, h35km, n121,
01543/131, mb4.1/22, 2C, East of Kuril Islands

Table of station data for the IDC 21 00:51:03.0 period, listing stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

2020 DEC

Main table of station data for the 2020 DEC period, listing stations like PET Petropavlovsk, DALK Dalny, UGLR Uglovaya, etc.

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Table of station data for the 992 period, listing stations like FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, etc.

IDC 21 00:52:38.6, 6.5, 16S; 154.29E, h0km, mb3.4/3,
mbmp3.4/3, Error ellipse: s-maj=198.5km
s-min=43.5km az=111.0, Bougainville-Solomon Islands
region

Table of station data for the IDC 21 00:52:38.6 period, listing stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

PDG 21 01:22:58.2, 0.4, 43.13N; 13.52E, h31km, ML3.6/11, Error
ellipse: s-maj=0.4km s-min=0.6km az=0.0
ROM 21 01:22:58.5, 0.1, 43.119N; 0.003; 13.52E:0.004,
h30km, ML3.3/238, Error ellipse: s-maj=0.3km s-min=0.1km
az=281.0
LDG 21 01:22:59.8, 0.3, 43.19N; 13.52E, h10km, ML3.2/19, Error
ellipse: s-maj=6.1km s-min=3.8km az=73.0
PRU 21 01:23:02.1, 44.48N; 13.78E, h1km
ISC 21 01:22:58.5, 0.8, 43.14N; 0.02; 13.53E:0.02, h31km, 4km,
n203, 01884/242, 27C-3D, Central Italy

Main table of station data for the 992 period, listing stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

21d 3h

Table with columns: PPT, Station Name, Time, Azimuth, Phase, ID, H, m, s, Res, ISC, and various station codes like Papeete, Stephens Creek, etc.

ICC 21 03:03:43.8±1.1, 33.53N;76.47E, h0km, mb3.7/9, mbtmp3.7/12, ML3.3/2, Error ellipse: s-maj=26.9km s-min=20.2km az=62.0

NDI 21 03:03:45.0±2.3, 33.73N;76.60E, h5km, ML3.4, MW3.5, Presumed earthquake

ISC 21 03:03:44.9±0.5, 33.60N;0.003;76.64E±0.04, h10km, n28, e177/33, mb3.9/11, Kashmir-india border region

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, H, m, s, Res, ISC, and station codes like ALCI, TSSA, THN, etc.

2020 DEC

Table with columns: ILLAR, ASAR, YKA, Station Name, Time, Azimuth, Phase, ID, H, m, s, Res, ISC, and station codes like Alice Springs, Yellowknife Ar, etc.

Code Station Name Azimuth Phase ID H m s Res ISC

Main table of station data for the 2020 DEC section with columns: Code, Station Name, Azimuth, Phase, ID, H, m, s, Res, ISC, and station codes like RAFI, AMIS, SAKB, etc.

996

Main table of station data for the 996 section with columns: GEVA, MARD, HOQ, Station Name, Time, Azimuth, Phase, ID, H, m, s, Res, ISC, and station codes like Gevas, Mardin, Hoain, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MI30, NRN, PDG, SIRR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like YKA, BCAR, AFAD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MDD, IGL, INMG, etc.

Table with columns for station name, code, time, and other data. Includes stations like KUR, WARRAMUNGA ARR, and others.

DJA 21 03:37:54.70,2,3,S,2*12'8E, h10km, M4,3/14, mB5.2/2, mB4.4/3, MLV4.3/14, Mw(MB)4.5/2

NEIC 21 03:37:57.1,1,2,2.8BS:0.09;128.02E:0.0h, h45km, g8km, mB4.2/12, Error ellipse: s-maj=12.9km s-min=11.2km az=190.0

IDC 21 03:37:59.8,4.9,2.86S:128.22E, h75km, 53km, mb3.9/3, mbmp4.4/6, ML4.5/3, MS2.9/3, Error ellipse: s-maj=43.5km s-min=17.7km az=93.0

ISC 21 03:37:56.5,0.6,2.87S:0.06, 128.00E:0.05, h38km, n42, +18742, mb4.4/5, Ceram Sea

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NLA, MAS, SAN, etc.

Main table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRAB, WRA, WRR, MBWA, BBJJ, ASAR, FORT, BB00, STKA, etc.

Table with columns for WHZ, TAOE, KRVT, CTAO, PMFG, CMSA, STKA, STKA, INKA, JAY, BB00, WBO, WRB, WBO, WRAB, WRA, ASAR, ASAR, ASAR, MTN, MTN, FORST, FORST, KNRA, KNRZ, FITZ, FITZ, RPN, RPN, VNDA, VNDA, KLRB, KLRB, DAV, DAV, MJAR, MJAR, SHEM, SHEM, GSPA, GSPA, QSPA, QSPA, LPIG, LPIG, JNU, JNU, PFO, PFO, PETK, PETK, YBH, YBH, PNTR, PNTR, NVAR, NVAR, KOSA, KOSA, KDKA, KDKA, KSRS, KSRS, USRK, USRK, BBB, BBB, TXAR, TXAR, TXAR, TXAR, PMSA, PMSA, ANMO, ANMO, NJ2, NJ2, NEW, NEW, BNX, BNX, CN2, CN2, PDAR, PDAR, PDAR, PDAR, CMIG, CMIG, CCB, CCB, CCB, CCB, SCRK, SCRK, ILAR, ILAR, ILAR, ILAR, MAW, MAW, E19K, E19K, PLCA, PLCA, PSI, PSI, XAN, XAN, JTS, JTS

21d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARXS, BLB, IUG, KK31, BRLS, DJR, etc.

ISK 21 04:20:30.5, 38.41N:45.25E, h6km, ML3.0/9
NSSP 21 04:20:32.6, 38.62N:44.90E, h10km, Ms3.1
AZER 21 04:20:33.4, 38.61N:44.92E, h11km, ml3.2
TEH 21 04:20:37.7, 38.44N:45.34E, h10km, 57km, ML2.7,

Presumed earthquake
ISC 21 04:20:32.4, 1.2, 38.55N, 0.02, 44.98E, 0.02, h2km, 11km,
n5.4, r124/92, Turkey-Iran border region

Main table of seismic data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their corresponding seismic event data.

GII 21 04:43:38.7, 0.0, 26.550N, 0.002, 34.534E, 0.001, h0km,
Mws3.6, confirmed
HLW 21 04:43:54.7, 27.65N, 34.53E, h13km, 3km, M3.4
JSO 21 04:44:21.1, 2.0, 29.15N, 15.3E, h10km, ML2.8/9,
MLv2.8/9

ISC 21 04:43:54.8, 1.3, 27.59N, 0.003, 34.49E, 0.06, h16km, 11km,
n36, r156/50, Red Sea

2020 DEC

Table of seismic data for December 2020, columns: TR1, Tor 1, HHRG, NSFG, HKAT, etc.

ISC 21 04:52:40.4, 2.8, 0.90N, 127.40E, h0km, mb3.4/3,
mbtmp3.4/3, Error ellipse: s-maj=257.6km
s-min=26.9km az=67.0, Halmahera

WRA Warramunga Arr 21.80 162 P
ASAR Alice Springs 25.22 166 P
MKAR Makanchi Array 60.25 326 P

NEIC 21 05:00:40.3, 1.7, 25.99N, 0.06, 128.71E, 0.02, h10km, 1km,
mb4-2/9, Error ellipse: s-maj=9.5km s-min=3.6km
bzz=185.0

ISC 21 05:00:42.6, 0.8, 26.12N, 128.60E, h0km, mb3.9/16,
mbtmp3.9/17, ML3.7/1, MS2.9/3, Error ellipse:
s-maj=26.9km s-min=14.9km az=72.0

NIED 21 05:00:44.5, 26.11N, 128.77E, h21km, MW4.1, Moment
Tensor Solution. s3 Moment tensor: Scale 1015Nm;
Mr:1.25; Mss:0.40; Mss:0.85; Mss:0.30; Mss:1.07; Mss:0.26;

Fault plane solution: Mo1.540000x1015 NP1:
phi=214.000000, delta=38.000000, lambda=33.000000,
delta=0.000000, lambda=96.000000

JMA 21 05:00:44.5, 0.3, 26.12N, 128.60E, 0.2, h1km, 4km,
mb3.5/16, NEAR OKINAWA/JMA ISLAND

ISC 21 05:00:42.0, 1.8, 26.08N, 0.04, 128.71E, 0.04, h10km, 11km,
n57, r171/70, mb4.0/20, Ryukyu Islands

Table of seismic data for December 2020, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JNTH, JMT3, JOW, etc.

1000

Table of seismic data for December 2020, columns: KURBB, WRA, NRK, NRK, NRK, ASAR, ASAR, ASAR, etc.

AEIC 21 05:20:07.9, 0.9, 51.9N, 0.2, 178.5E, 0.1, h90km, 8km,
Error ellipse: s-maj=31.2km s-min=8.6km az=186.0

NEIC 21 05:20:06.0, 0.6, 51.8N, 0.2, 178.35E, 0.07, h92km, 13km,
mb3.7/7, ML3.4/14, ML3.0(AEIC), Error ellipse:
s-maj=27.0km s-min=5.0km az=170.0, Rat Islands

Table of seismic data for December 2020, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GASW, GANO, GANE, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, HNR, PMG, CTA, DZM, ASAR, MTN, FITZ, THZ, RWZ, KSR, PETK, CMAR, SONM, E19K, QSPA, M30M, MK31, MKAR, ZALV, MAW, MAW, D24K, NRK, KK31, KKAR, BVAR, YKA, YKA, AB31, BOSK, GERES, BDFB, TORD.

NNC 21 05:55:08.9-4.0, 42.86N-75.94E, h0km, mpv2.3, Error ellipse: s-maj=24.9km s-min=12.7km az=22.0, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KST, DGS, MTBS, KRBS, KRBS, GQSA, MAW, VDA, VDA, H10S2, H10S3, H10N1, H10N3, H10N2, LPAZ, LPAZ, LPAZ, TOR, TOR, ASAR, YKA, M30M, F31M, JHUJ, JHUJ, JHUJ, JHUJ, JHUJ, JHUJ, BSO1, BSO3, BSO3, BSO4, JOD2, JTM, KSR, SONM, SONM, WBO, WBR, WBR, WRA, ASAR, UNV, ZAAO, ZAAO.

comp=Z:5.0nm,1.4s

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV, ZALV, MKAR, MAKZ, O1SK, J16K, K17K, RDOG, KURB, J19K, J19K, CAST, MLY, MCK, BVAR, IL31, IL31, ILAR, ILAR, KK31, KK31, KKAR, SCRR, BMAR, BCAR, EPYK, G31M, AB31, ABKAR, AKTO, YKAW3, YKA, YKA, ARCES, FINES, NVAR, VHL, DUG, DUG, PDAR, YUH, YUH, LPAZ.

IDC 21 06:11:19.8-2.1, 1.23N-126.44E, h0km, mb3.7/3, mbmp3.7/3, Error ellipse: s-maj=164.9km s-min=27.8km az=65.0

DJA 21 06:11:30.1-0.5, 1°N-6°12'8E-1°4, h13km, 11km, M3.0/7, ML3.0/7

ISC 21 06:11:20.0-3.4, 1.7N-102.126-8E-0.2, h10km, n5, c3/10/5, mb3.8/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GAMI, GAMI, GAMI, WRA, ASAR, MKAR, RSPR, NEIC, OSPL, ISC, Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC.

21d 6h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECPR Experimental S, ECPR IAML, ECPR Z, etc.

SJA 21 06:28:31.0-0.7, 33.17S:70.72W, h90km, 1km, ML4.0, MW3.9
NEIC 21 06:28:31.7-1.0, 33.19S:0.04-0.70W:68W:0.07, h91km, 3km, mb4.3/5, ML4.2(GUC), Error ellipse: s-maj=8.7km s-min=5.2km az=117.0
IDC 21 06:28:32.8-2.6, 33.20S:70.56W, h99km, 20km, mb3.5/3, mbmp3.8/8, Error ellipse: s-maj=38.3km s-min=19.4km az=120.0
GUC 21 06:28:32.0-0.7, 33.16S:70.69W, h91km, 1km, ML4.2, Presumed earthquake
ISC 21 06:28:32.1-0.6, 33.18S:0.02-0.73W:0.03, h89km, 4km, n135, r1522/188, mb4.27, 18C-8D, Chile-Argentina border region

Main table of station data for the 21d 6h period, listing station names, coordinates, and seismic event details.

2020 DEC

Main table of station data for the 2020 DEC period, listing station names, coordinates, and seismic event details.

1002

Table of station data for the 1002 period, listing station names, coordinates, and seismic event details.

IDC 21 06:32:00.7-3.7, 3.63S:101.64E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=163.6km s-min=26.2km az=55.0
DJA 21 06:32:06.9-0.6, 4.53S:101.22E, h17km, 4km, M3.6/14, MLv3.6/14
ISC 21 06:32:07.1-1.2, 3.36S:0.1-101.66E:0.1, h50km, n14, r0583/13, mb3.5/4, Southern Sumatara

Main table of station data for the 1002 period, listing station names, coordinates, and seismic event details.

SDD 21 06:35:15.7-1.7, 18.84N:70.55W, h52km, 29km, MD2.6, ML2.2, MW2.8, Presumed earthquake
OSPL 21 06:35:30.4-0.6, 18.17N:71.31W, h7km, 3km, ML1.9, Presumed earthquake
ISC 21 06:35:14.1-2.7, 18.86N:0.07-70.52W:0.09, h59km, 32km, n11, r1522/14, 8C-1D, Dominican Republic region

Main table of station data for the 1002 period, listing station names, coordinates, and seismic event details.

1003

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time Res, and Residuals (ISC, h, m, s, ISC).

IDC 21 06:45:08.2, 2.0, 7.66S, 127.52E, h183km, 22km, mb3.5/3, mblmp4.17, Error ellipse: s-maj=29.9km s-min=23.0km az=93.0

Main table for station 1003, listing codes, station names, azimuths, phases, and residuals.

IDC 21 06:50:44.1, 1.1, 9.10N, 126.82E, h0km, mb3.8/6, mblmp3.8/7, ML4.2/1, Error ellipse: s-maj=42.9km s-min=19.4km az=78.0

MAN 21 06:50:50.0, 8.98N, 126.67E, h15km, MS3.3

ISC 21 06:50:44.3, 4.3, 9.14N, 126.73E, 0.07, h3km, 22km, n18, 09151/24, mb3.7/6, Mindanao

Table listing station codes, names, azimuths, phases, and residuals for the 1003 series.

PRU 21 06:52:52.0, 50.29N, 12.43E, h10km, West Bohemia Swarm

WBNET 21 06:52:52.1, 50.27N, 12.44E, h10km, MI1.2, 13C-10D, Germany

Main table for station WBNET, listing codes, station names, azimuths, phases, and residuals.

2020 DEC

Table listing station codes, names, azimuths, phases, and residuals for the 2020 DEC series.

NNC 21 06:57:18.5, 10.5, 42.82N, 77.88E, h0km, mb2.7, mpv2.8, Error ellipse: s-maj=5.0km s-min=1.8km az=171.0

SOME 21 06:57:18.8, 42.82N, 77.82E, h10km

KNET 21 06:57:19.0, 2.0, 1.42, 85N, 77.83E, h17km, mb2.3

ISC 21 06:57:19.0, 1.1, 42.85N, 0.02, 77.86E, 0.02, h2km, 10km, n27, 0956/52, 17C-7D, Lake Issyk-Kul region

Main table for station NNC, listing codes, station names, azimuths, phases, and residuals.

KNET 21 07:06:14.7, 0.1, 42.84N, 77.89E, h23km, mb2.9

NNC 21 07:06:14.6, 0.4, 42.85N, 77.91E, h1km, 20km, mb3.1, mpv3.2, Error ellipse: s-maj=3.9km s-min=1.4km az=174.0

SOME 21 07:06:15.1, 42.83N, 77.88E, h15km

KNET 21 07:06:17.8, 0.5, 42.80N, 77.68E, h8km, 22km, m2.4, Error ellipse: s-maj=5.4km s-min=3.3km az=145.0

ISC 21 07:06:14.4, 1.1, 42.84N, 0.02, 77.96E, 0.02, h10km, 8km, n64, 0981/116, 41C-16D, Lake Issyk-Kul region

Main table for station KNET, listing codes, station names, azimuths, phases, and residuals.

Main table for station 21d 7h, listing codes, station names, azimuths, phases, and residuals.

21d 7h

Table with columns for station name, code, station name, and various parameters like time and resonance.

ASRS 21 07:25:16.0 ± 0.5, 55.70N:86.03E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 21 07:25:19.0 ± 0.3, 55.49N:86.64E, h0km, mbtmp3.7/5, ML3.2/3, Error ellipse: s-maj=25.8km s-min=21.7km az=81.0, Southwestern Siberia

Table listing stations and their parameters for ASRS 21 07:25:16.0 ± 0.5, 55.70N:86.03E, h0km, M2.6(MOS).

SDD 21 07:37:12.9 ± 2.2, 17.71N:71.01W, h51km, 5.5km, MD2.9, ML2.3, MW2.6, 11C, Presumed earthquake, Dominican Republic region

Table listing stations and their parameters for SDD 21 07:37:12.9 ± 2.2, 17.71N:71.01W, h51km, 5.5km, MD2.9.

OSPL 21 07:37:24.3 ± 0.5, 18.80N:70.31W, h121km, 6km, ML2.3, Presumed earthquake, Dominican Republic region

Table listing stations and their parameters for OSPL 21 07:37:24.3 ± 0.5, 18.80N:70.31W, h121km, 6km, ML2.3.

MEX 21 07:39:31.9 ± 0.6, 14.03N:92.97W, h10km, 29km, MD4.1, Presumed earthquake IDC 21 07:39:31.2 ± 0.1, 14.31N:92.87W, h0km, mb3.6/3, mbtmp3.4/5, ML2.9/3, Error ellipse: s-maj=54.4km s-min=15.9km az=15.0

CATAC 21 07:39:32.6 ± 0.5, 14°14'N:5°39'37"W, h64km, 16km, M4.1/14, mb4.6/4, mb6.0/1, ML3.9/14, Mw(mb)5.6/1, Error ellipse: s-maj=14.1km s-min=4.2km az=38.0, confirmed GCG 21 07:39:35.8 ± 1.1, 14.03N:92.50W, h35km, MD4.4, Presumed earthquake

Large table listing stations and their parameters for MEX and CATAC events.

2020 DEC

Table listing stations like CMIG, COEG, PETF, etc., with their codes and parameters.

IDC 21 07:41:32.1 ± 1.6, 7.69N:141.38E, h0km, mb3.7/5, mbtmp3.7/5, MS3.2/8, Error ellipse: s-maj=170.9km s-min=23.5km az=106.0, Western Caroline Islands

Table listing stations and their parameters for IDC 21 07:41:32.1 ± 1.6, 7.69N:141.38E, h0km, mb3.7/5.

TEH 21 07:44:1.6 ± 3.2, 17°11'N:59°53'E, h5km, 16km, ML4.2, Presumed earthquake THR 21 07:44:22.0 ± 0.2, 32°11'N:59°59'E, h10km, 10km, ML4.0, Presumed earthquake

IDC 21 07:44:43.7 ± 1.8, 32°34'N:59°39'E, h0km, mb3.6/7, mbtmp3.6/10, ML3.5/3, MS3.3/15, Error ellipse: s-maj=47.8km s-min=18.4km az=155.0

Large table listing stations and their parameters for TEH, THR, and IDC 21 07:44:43.7 events.

1004

Table listing stations like ASF, MIMA, EIL, etc., with their codes and parameters.

WEL 21 07:45:57.6 ± 0.7, 33°53'S:14°11'W:9W3'3, h12km, M4.0/6, mb4.5/5, MLV4.2/6, Mw(mb)3.7/5, Error ellipse: s-maj=46.8km s-min=4.7km az=111.4

IDC 21 07:45:57.0 ± 1.9, 33°53'S:17°45'W, h0km, mb3.9/3, mbtmp4.0/4, ML3.9/1, Error ellipse: s-maj=42.5km s-min=33.2km az=87.0

ISC 21 07:45:56.3 ± 1.4, 33.05S:01°17'8W:0.3, h10km, n27, c337/37, mb4.0/3, South of Keokuk Islands

Large table listing stations and their parameters for WEL, IDC, and ISC 21 07:45:56.3 events.

Table with columns: WB8, WB0, WRA, FORT, FORT, KNRA, FITZ, VNDA, VNDA, MBWA, OSPA, L18K, L18K, ILAR, F19K, AKASQ, BRTR. Includes station names, codes, and coordinates.

SOME 21 07:53:16.2, 39.17N:73.05E, h20km
NWC 21 07:53:18.2, 4.4, 39.31N:73.08E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=31.9km s-min=17.7km az=178.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Merke, WNT, TWP, EHY, RLB, RLNB, WCHT, EHYH, WRL, SMLT, WVDT, WVDT, ECHB, TYC, WDG, WDG, WGS, SLIU, SHIZI, LHUT, LDUT, WCH1, WARB, WARB, WCHH, WCS, WCS, PHUB, PHUB, OWD, OWD, WUSB, WUSB, PNG, PNG, PNI, VCHM, VCHM, ESL, ESL, HEN, HEN, SMST, SMST, SHUL, SHUL, WTK1, WTK1, TWKT, TWKT, LXIB, LXIB, ETM, ETM, WHF, WHF, WHP, WHP, TSEB, TSEB, WDJ, WDJ, WDI, WDI, TWQ1, TWQ1, TDCB, TDCB, TWT, TWT, HWA, HWA, FUS, FUS, TWD, TWD, NNS, NNS, ETLH, ETLH, LAY, LAY, NACB, NACB, NACB, NACB, LYUB, LYUB, NNSB, NNSB, NNSB, NNSB, NNS, NNS, NSTT, NSTT, LIOB, LIOB, NFF, NFF, LIOB, LIOB, KKO, KKO, EAH, EAH, LATG, LATG, LATG, LATG, NSK, NSK, SBCC, SBCC, YHNB, YHNB, YHNB, YHNB, YHNB, YHNB, EWUT, EWUT, NDS, NDS, NDLT, NDLT, NWS, NWS, FUSB, FUSB, EOSA, EOSA, TWC, TWC, TWC, TWC, TWU, TWU, TWU, TWU, YOUN, YOUN, YOUN, YOUN, YOUN, YOUN, MHZO, MHZO, JIJ, JIJ, JISG, JISG.

JMA 21 08:27:15.0, 0.1, 23.1N:0.2, 120.5E:0.5, h0km, MV3.5/8,
TAIWAN REGION
TAP 21 08:27:15.0, 23.08N:120.57E, h9km, ML3.9, B
TPUB 21 08:27:16.2, 0.8, 23.11N:0.01, 120.57E:0.01, h12km, 4km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGST, SGST, CHN1, CHN1, SLGT, SLGT, SNST, SNST, WTP, WTP, STYT, STYT, TWK, TWK, THN3, THN3, STYH, STYH, TPUB, TPUB, TPUB, TPUB, SHHT, SHHT, SCST, SCST, CHN4, CHN4, SSHA, SSHA, CHN3, CHN3, TWM1, TWM1, TAI1, TAI1, WCKO, WCKO, WCKO, WCKO, SCLT, SCLT, SSD, SSD, ICHU, ICHU, ICHU, ICHU, SGLT, SGLT, TSMG, TSMG, CHN8, CHN8, CHN8, CHN8, CHY, CHY, ELDTW, ELDTW, CHN2, CHN2, TSCK, TSCK, ALS, ALS, MASBT, MASBT, MASBT, MASBT, CHN5, CHN5, WSL, WSL, TWG, TWG, TWG, TWG, WSSB, WSSB, TWGBT, TWGBT, TWGBT, TWGBT, TWGBT, TWGBT, WONT, WONT, LKNT, LKNT, WCK, WCK, WDLH, WDLH, WDLH, WDLH, EHD, EHD, EHD, EHD.

Table with columns: ECCS, WTK, WDL, ECL, ECL, SSPT, WSF, WHT, WHT, FULB, EDH, TW1, YULB, YULB, YULB, EYUL, EYUL, WJS, WJS, WCHT, WCHT, SCZT, SCZT, CHKH, CHKH, EAST, EAST, SSSL, SSSL, SSSL, SSSL, WNT, WNT, TWP, EHY, EHY, RLB, RLNB, WCHT, EHYH, WRL, SMLT, SMLT, WVDT, WVDT, ECHB, TYC, WDG, WDG, WGS, SLIU, SHIZI, LHUT, LDUT, WCH1, WARB, WARB, WCHH, WCS, WCS, PHUB, PHUB, OWD, OWD, WUSB, WUSB, PNG, PNG, PNI, VCHM, VCHM, ESL, ESL, HEN, HEN, SMST, SMST, SHUL, SHUL, WTK1, WTK1, TWKT, TWKT, LXIB, LXIB, ETM, ETM, WHF, WHF, WHP, WHP, TSEB, TSEB, WDJ, WDJ, WDI, WDI, TWQ1, TWQ1, TDCB, TDCB, TWT, TWT, HWA, HWA, FUS, FUS, TWD, TWD, NNS, NNS, ETLH, ETLH, LAY, LAY, NACB, NACB, NACB, NACB, LYUB, LYUB, NNSB, NNSB, NNSB, NNSB, NNS, NNS, NSTT, NSTT, LIOB, LIOB, NFF, NFF, LIOB, LIOB, KKO, KKO, EAH, EAH, LATG, LATG, LATG, LATG, NSK, NSK, SBCC, SBCC, YHNB, YHNB, YHNB, YHNB, YHNB, YHNB, EWUT, EWUT, NDS, NDS, NDLT, NDLT, NWS, NWS, FUSB, FUSB, EOSA, EOSA, TWC, TWC, TWC, TWC, TWU, TWU, TWU, TWU, YOUN, YOUN, YOUN, YOUN, YOUN, YOUN, MHZO, MHZO, JIJ, JIJ, JISG, JISG.

Table with columns: JISG, S, Sn. Includes stations like DRK, DRK, Sufi-Kurgan, Sufi-Kurgan, Osh, Osh, Salom-Alik, Salom-Alik, Arslanbob, Arslanbob, TRKS, TRKS, Manas, Manas, Jany-Kuch, Jany-Kuch, IUG, IUG, IUG, IUG, MRKS, MRKS, MRKS, MRKS, EKSZ, EKSZ, NRN, NRN, NRN, NRN, AAK, AAK, AAK, AAK, AAK, AAK, AAK, AAK, CHMS, CHMS, ULHL, ULHL, ULHL, ULHL, BOOM, BOOM, USP, USP, USP, USP, TKM2, TKM2, TARAG, TARAG, KRBS, KRBS, KRBS, KRBS, KOTS, KOTS, KOTS, KOTS, AB31, AB31, AB31, AB31.

NEIC 21 08:36:26.3, 1.1, 19.29N:0.02, 155.05W:0.03, h10km, 3km,
mb4.5/21, ML4.744, ML4.423(HVC), Mw4.215(SLM),
Error ellipse: s-maj=4.3km s-min=2.7km az=134.0

IDC 21 08:36:27.2, 1.1, 19.52N:155.19W, h0km, mb3.9/11,
mbtmp3.9/11, Error ellipse: s-maj=38.4km s-min=20.5km
az=151.0

HVO 21 08:36:27.6, 1.8, 19.34N:0.02, 155.11W:0.02, h6km, 3km,
Error ellipse: s-maj=3.3km s-min=2.2km az=150.0

NEIC 21 08:36:27.19, 34N:155.11W, h9km, Moment Tensor
Solution. Moment tensor: Scale 10^19 Nm; M2: 1.0,
M3: 0.53; M4: 1.57; M5: 1.07; M6: 1.65; M7: 0.56; Fault
plane solution: Mw 2.79000x10^19; NPT: 63.000000,
854.000000; A: 127.000000; NP2: 190.000000,
1.50.000000; Principal axes: T: 2.7865; P: 0.000000,
Azm33.000000; N: 0.00007; P: 2.7871; P: 0.000000,
Azm218.000000; P: -2.7871; P: 0.000000, Azm127.000000;

ISC 21 08:36:27.0, 0.7, 19.32N:0.03, 155.11W:0.03, h12km, 3km,
n120, 119/120, mb4.4/28, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAE, KAE, JCUI, JCUI, JCUI, JCUI, STCH, STCH, STCH, STCH, NPOC, NPOC, NPOC, NPOC, KNHI, KNHI, KLCH, KLCH, PWH, PWH, PUH, PUH, PUH, PUH, ESR, ESR, JOKA, JOKA, JOKA, JOKA, AHA, AHA, AHA, AHA, KKO, KKO, KKO, KKO, BYL, BYL, BYL, BYL, KNH, KNH, RIM, RIM, RIM, RIM, HATHI, HATHI, HATHI, HATHI, HATHI, HATHI, OUT, OUT, SBLHI, SBLHI, SBLHI, SBLHI, HLP, HLP, HLP, HLP, SDHHI, SDHHI, SDHHI, SDHHI, OBL, OBL, OBL, OBL, WRMH, WRMH, WRMH, WRMH, UWE, UWE, UWE, UWE.

21d 9h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like RSD Rainshead, CPK Cone Peak, HLC Hot Caves, etc.

2020 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULSA0B Ussuriysk Arra, etc.

1006

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like OMRZ Omania, OMRZ Omania, OMRZ Omania, etc.

1007

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Vanda, BLDU, MORW, CASY, JSD, GSPA, ADK, PEAB0, PETK, KSTR, KMRM, DMP, ELS, YES, TPO, BFSC, USRK, ISA, CMB, BORC, YUH, PFO, OHAK, MDPB, WAKR, MPK, BEKR, L04D, IRM, NVAR, BLYC, M16K, PINE, PRN, BNX, TUC, WVOR, MAW, J08A, 319A, GNV, KNB, PSUT, PKCU, J17K, E07A, 1201A, F10A, PLID, HLID, SRU, VHRN, MCK, MNTX, MNTX, PV05, BSUT, TX31, TXAR, TXAR, PV10, PV14, PV17, PV20, PV23, NEW, PV04, PV21, PV01, PV22, ANMO, ANMO, ALPN, TPB01.

2020 DEC

Table with columns: Station Name, Time, Res, and various codes. Includes stations like HDA, CCB, IMAR, COLA, ILAR, DLMT, MNHN, M30M, YHL, PD31, PDAR, PDAR, TROLL, HHC, HHC, MSTX, J29N, VNA3, VNA3, VNA2, VNA2, VNA1, BMAR, APMT, ABTX, EPYK, EPYK, G31M, RSSD, INK, YKA, ARCES, FINES, EKA, BURAR, BRTR, CLL, CLL, GERES, GERES, GERES, CONA, RONA, SESA, WATA, WATA, WTTA, MOTA, MYKA, SQTA, ABTA, DAVA, FETA, STALIGIAL, FUORN, TORD, UPP 21 09:25:28.7, HEL 21 09:25:30.6, ISC 21 09:25:29.3, Code Station Name, Delta, Azimuth, Phase ID, Time, Res.

21d 9h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like RTAL, RTAL, THIG, STG8, QUEO, CHUJ, CHUJ, PAVR, PAVR, FG16, FG16, PCIG, PCIG, CCIG, CCIG, NUBE, NUBE, TGIG, TGIG, UXUV, UXUV, CMIG, CMIG, IDC 21 09:50:21.6, SJA 21 09:50:21.6, ISC 21 09:50:22.6, Code Station Name, Delta, Azimuth, Phase ID, Time, Res.

21d 10h

Table with station codes (WRA, KURBB, ZALV, MKAR) and their respective coordinates and parameters.

IDC 21 09:59:05.87, 6.191005-178.17W, h0km, mb3.5/3, mblmp3.5/3, Error ellipse: s-maj=332.5km

Table with station codes (WRA, ASAR, ILAR) and their respective coordinates and parameters.

GII 21 10:16:15.40.0, 31.793N, 0.0003.35.024E, 0.001, h0km, confirmed, Dead Sea region

Table with station codes (JER, AMAZ, MZS, UJAP, YATIR, etc.) and their respective coordinates and parameters.

IDC 21 10:17:41.1, 1.32266N, 85.43E, h0km, mb3.4/6, mblmp3.5/9, ML3.5/3, MS3.2/3, Error ellipse: s-maj=39.3km

ISC 21 10:17:46.5, 3.327N, 0.185E, 0.2, h35km, n11, c130/9, mb3.4/5, Xizang

Table with station codes (MKAR, KURBB, CMAR, CMAR, ZALV, SONM, EIL, DAV, WRA, ASAR, TORD, YKA) and their respective coordinates and parameters.

BII 21 10:32:42.4, 24.50S, 179.09W, h469km, mb5.3/5, mb4.4/8

NEIC 10:32:44.3, 1.81, 24.34S, 0.17, 179.5W, 0.1, h451km, 2km, mb4.9/38, Error ellipse: s-maj=19.7km s-min=14.7km az=118.0

GFZ 21 10:32:45.6, 0.3, 24.5, 4.18'0W, h466km, M4.5/28, mb4.5/28, confirmed

IDC 21 10:32:47.2, 1.2, 24.24S, 179.85W, h480km, 1.3km, mb3.8/9, mblmp4.6/10, Error ellipse: s-maj=13.8km s-min=12.2km az=65.0

NOU 21 10:33:04.4, 25.87S, 178.21E, h449km, mb4.6/16, South of Fiji Islands

ISC 21 10:32:45.8, 0.5, 24.23S, 0.05, 179.55W, 0.06, h476km, 6km, n236, c207/245, mb4.5/43, 2C, South of Fiji Islands

Table with station codes (GLKZ, MSFV, MSFV, NIUE, INH, MARNC, PINNC, AFI, WCUZ, DZM, WIAZ, RVAZ, ETAZ, MKAZ, WTAZ, WMGZ, HAZ) and their respective coordinates and parameters.

2020 DEC

Main table listing station codes (HAZ, AWAZ, RUGZ, WHRZ, etc.), coordinates, and parameters for various stations.

1008

Table with station codes (CTAO, MAU, TAU, STKA, etc.) and their respective coordinates and parameters.

1009

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNK Minsk, ARPR Arapgir-MALATY, AK03 Malin Array Si, etc.

IDC 21 10:39:33.8±9.3, 32.555±178.92W, h97km, 89km, mb3.2/2, mbtmp3.7/3, ML4.0/1, Error ellipse: s-maj=78.9km s-min=57.5km az=163.0, South of Kermadec Islands

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

IDC 21 10:40:09.9±1.1, 46.03N:154.55E, h0km, mb3.8/9, mbtmp3.8/12, ML3.4/3, MS2.7/3, Error ellipse: s-maj=28.9km s-min=19.3km az=155.0

NEIC 21 10:40:12.4±1.2, 46.13N:0.09:154.4E:0.2, h10km, 1km, mb4.4/18, Error ellipse: s-maj=22.7km s-min=6.7km az=130.0

ISC 21 10:40:13.2±0.8, 46.1N:0.1:154.3E:0.1, h19km, n47, +131/39, mb4.2/19, East of Kurl Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ, ERM, MA2, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N2, H1N1, H1N3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S1, H1S3, H1S2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like F17K, H17K, H17K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like J17K, H18K, H18K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G18K, H19K, H19K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMAR, D22K, D22K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEA2, SML, ILAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BMAR, E27K, BCAR, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AB31, AB31, ABKAR, etc.

2020 DEC

comp=2.0, 8nm, 0.8s, baz=308, slow=4.2, SNR=11 comp=2.0, 8nm, 0.8s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 21 10:40:18.1±7.0, URZ Urewera, URZ Charters Tower, etc.

NEIC 21 10:53:10.3±1.1, 24.9S:0.1:179.9W:0.2, h504km, 12km, mb4.4/16, Error ellipse: s-maj=23.1km s-min=18.3km az=92.0

IDC 21 10:53:10.7±2.0, 24.99S:179.90E, h488km, 21km, mb3.2/7, mbtmp4.0/10, Error ellipse: s-maj=24.8km s-min=20.7km az=139.0

ISC 21 10:53:11.3±0.9, 24.98S:0.09:179.9E:0.1, h501km, n26, +089/26, mb4.2/14, South of Fiji Islands

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSCO, IDC 21 11:15:58.6±6.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 21 11:15:59.6±2.2, URZ Urewera, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS, IDC 21 11:27:59.6±10.0, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR, NNC 21 11:33:25.0±1.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 21 11:33:25.0±1.3, SATY, etc.

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

21d 11h

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

REY 21 11:37:50.0, 64.60N:17.47W, h2km IDC 21 11:37:51.0±1.0, 64.54N:17.83W, h0km, mb3.4/5, mbtmp3.4/6, ML4.1/1, Error ellipse: s-maj=33.0km s-min=13.7km az=21.0

ISC 21 11:37:50.4±0.8, 64.61N:0.02:17.50W:0.02, h6km, 6km, n46, +134/65, mb3.3/4, Iceland

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

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

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

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

SNET 21 11:47:33.5±1.6, 13.39N:90.78W, h17km, ML3.1, Presumed earthquake GCG 21 11:47:35.0±1.8, 13.54N:90.76W, h22km, 11km, MD3.6, Presumed earthquake

ISC 21 11:47:39.0±2.5, 13.5N:0.1:90.62W:0.10, h35km, n10, +159/13, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FG8, FG16, NUBE, etc.

IDC 21 11:49:11.7±1.8, 3.38S:140.00E, h45km, 20km, mb3.6/10, mbtmp4.1/14, ML4.5/3, MS3.4/16, Error ellipse: s-maj=25.8km s-min=11.1km az=93.0 DJA 21 11:49:13.2±0.4, 3.52S:14.00E, h363km, 11km, M5.1/11,

21d 11h

mB5.7/1, mb5.1/6, MLv5.1/11, Mw(mB)5.3/1
NEIC 21 11:49:13.0, 1.5, 3.30S, 0.09, 140.08E, 0.08, h64km, 6km,
mb4.7/40, Error ellipse: s-maj=13.6km s-min=10.2km
az=212.0

ISC 21 11:49:13.0, 0.7, 3.39S, 0.04, 140.12E, 0.04, h68km, 7km,
n109, e173/108, mb4.7/28, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

2020 DEC

Main table of seismic events with columns: K519, GSI, CMAR, etc. Includes event details like magnitude, location, and station data.

1010

Table of seismic stations and their recorded data for the event, including station names like WECS, CHIR, R16K, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BMR, JIS, TOLK, etc.

2020 DEC

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like USRK, FRB, H1S1, etc.

21d 11h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIRV, BVAR, LZDM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include NILO, CHIANG MAI, CMAR, etc.

NEIC 21 12:16:18.5, 66:32N; 135:65W, h21km
NEIC 21 12:16:19.1, 5.66:34N; 0.03:135:69W; 0.06: h23km, 4km, mb4.3/75, Mwr4.2/47, M4.5(AEIC), Mwr4.2(OTT), Error ellipse: s-maj=3.9km s-min=3.4km az=135.0, Moment tensor solution. Moment tensor: Scale 10^19Nm; M=0.04; M=0.91; M=0.85; M=0.31; M=2.02; M=0.04; Fault plane solution: M2.20000x1015 NPI; q=348.850000; s81.780000; lambda=179.330000. NP2: q=258.760000; s89.340000; lambda=8.220000. Principal axes: T 2.2221, P1g5.0000, Azm304.0000; N -0.0380, P1g82.0000, Azm74.0000; P -2.1842, P1g6.0000, Azm214.0000.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include EPYK, G30M, H31M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include K29M, E28M, DAWY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KDAK, STPRA, SWHSA, etc.

Table of seismic events including stations like HFS Hagfors, FINES FINESS Array B, EKB Eskdalemuir Ar, and ZAAO Zalesovo Array.

Station names and coordinates for stations in the 1013 region, such as CNRM 21 12:23:18.4, 35°58'N, 3°63'W.

Table of seismic events for stations in the 1013 region, including stations like PALE Palesmas, WMELI Melilla, and EMBEL Melilla.

Station names and coordinates for stations in the 1013 region, such as MAN 21 12:23:00.0, 3°04'N, 127°86'E.

Table of seismic events for stations in the 1013 region, including stations like DDMP Don Marcelino, KCP Kidapawan, and ASAR Alice Springs.

Station names and coordinates for stations in the 1013 region, such as SDD 21 12:25:13.6, 0.4, 18°70'N, 71°78'W.

Table of seismic events for stations in the 2020 DEC region, including stations like LONE3 El Aguacate, B, JIDR Jimani, and NEDR Neiba UASD.

Station names and coordinates for stations in the 2020 DEC region, such as IDC 21 12:33:52.3, 2.2, 6°52'S, 130°44'E.

Table of seismic events for stations in the 2020 DEC region, including stations like SAUI Saumlaki, SAUI Saumlaki, and SAUI Saumlaki.

Station names and coordinates for stations in the 2020 DEC region, such as SAUI Saumlaki, SAUI Saumlaki, and SAUI Saumlaki.

Table of seismic events for stations in the 2020 DEC region, including stations like SAUI Saumlaki, SAUI Saumlaki, and SAUI Saumlaki.

Station names and coordinates for stations in the 2020 DEC region, such as SAUI Saumlaki, SAUI Saumlaki, and SAUI Saumlaki.

Table of seismic events for stations in the 2020 DEC region, including stations like SAUI Saumlaki, SAUI Saumlaki, and SAUI Saumlaki.

Station names and coordinates for stations in the 2020 DEC region, such as SAUI Saumlaki, SAUI Saumlaki, and SAUI Saumlaki.

Large table of seismic events for stations in the 21d 12h region, including stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, and FITZ Fitzroy Crossi.

21d 14h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PSI Prapat, GSI Gunungsitoli, CMAR Chiang Mai Arr, etc.

2020 DEC

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VVND Vanda, KK31 Karatay Array, SBA Scott Base, etc.

1014

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KTK1 Kalix, KALU Kalix, TOF Tornio, etc.

JMA 21 13:47:59.1±0.4, 26°N±1.1 × 127°E±1.1, h37km, MV3.0/16, NEAR OKINAWAJIMA ISLAND

ISC 21 13:47:56.3±1.5, 26.13N±0.05 × 126.75E±0.05, h11km±9km, n134, ±1520/169, mb3.0/17, 7C-4D, Northern Chile

Main table for the 1014 event with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, ISC, h m s, ISC. Includes stations like JNTH Nagatoyohara, JOW Kunigami, etc.

UPP 21 13:04:42.6±0.1, 67°83'N±0.22E, h0km, ML2.6, Confirmed Induced event

HEL 21 13:04:43.8±0.4, 67°82'N±0.32E, h0km, ML1.0, Suspected explosion

ISC 21 13:04:42.4±0.8, 67.80N±0.03 × 20.24E±0.03, h0km, n19, ±1507/32, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, ISC, h m s, ISC. Includes stations like RATU Laulkulusta, RATU Salmi, etc.

Table with columns for station code (e.g., PB01, PB02), name (e.g., IPOC Station P), frequency (e.g., 1.16 327), and other technical details.

Table listing seismic events with columns for station code (e.g., PMNB, ITTB), name (e.g., Patos De Minas), time (21.26 85), and magnitude (P).

Table listing seismic events with columns for station code (e.g., KEV, MOR8), name (e.g., Moi Rana), time (14.19 32.9), and magnitude (-0.4).

IDC 21 14:57:21.0..0.9, 73.07N; 5.38E, h0km, mb3.6/9, mbmp3.7/15, ML3.4/6, MS3.3/30, Error ellipse: s-maj=20.9km s-min=12.9km az=78.0

FCIAR 21 14:57:21.0..0.7, 70.70N; 5.36E, h10km BER 21 14:57:22.7..2.8, 73.10N; 5.56E, h10km, Mw4.5, ML3.6/(NAO), Confirmed Earthquake

NAO 21 14:57:22.0..0.5, 72.04N; 5.64E, h10km, ML3.6 DNO 21 14:57:24.7..1.1, 73.37N; 5.14E, h17km, 21km, ML2.0 Presumed earthquake

KOLA 21 14:57:30.2..72.53N; 7.64E, h0km, ML2.5, Norwegian sea ISC 21 14:57:21.5..0.6, 73.08N; 0.07..5.72E, 0.07, h10km, n109, s=151/92, mb3.6/8, MS3.3/24, Greenland Sea

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters for seismic stations.

ISK 21 15:31:47.1, 37.92N; 27.09E, h5km, ML3.4/21 AFAD 21 15:31:47.2, 37.92N; 27.10E, h7km, 2km, MW3.3 THE 21 15:31:47.3, 37.9N; 1.0; 2.7E, h2km, 2km, MS.1/13, ML h3 1/13

ATH 21 15:31:48.1, 37.89N; 27.07E, h12km, 1km, ML3.1/9, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km ISC 21 15:31:47.4..0.8, 37.92N; 0.01..27.14E; 0.02, h13km, 6km, n76, c059/103, Turkey

Code Station Name Azimuth Phase ID Time Residual

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters for seismic stations.

21d 16h

Table with columns for station name, coordinates, and various parameters. Includes stations like SMG Samos, BEYE izmir, DUVT Torbali, SAM2 Drakei, etc.

2020 DEC

Table with columns for station name, coordinates, and various parameters. Includes stations like PTL Penteli, KSTL Kastellorizon, ENEZ Enez, ALN Alexandroupoli, etc.

1016

Table with columns for station name, coordinates, and various parameters. Includes stations like TXAR Lajitas Array, ASAR Alice Springs, KRSC 21 15:38:49.01, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like VADS, NSS, SCO, NOR, etc.

CATAC 21 16:28:47.0±0.14 N14.4°S9.2'W1.1, h8km,4km, M3.9/8, MLV3.9/8, Error ellipse: s-maj=8.5km s-min=4.2km az=32.8, confirmed

IDC 21 16:28:48.2±0.13 N80N:92.44W, h0km, mb3.9/4, mbmp3.7/6, ML2.6/2, MS3.0/2, Error ellipse: s-maj=36.7km s-min=17.7km az=9.0

MEX 21 16:28:48.6±1.0, 13.59N:92.56W, h10km, MD4.2, Presumed earthquake

GCG 21 16:28:49.6±1.3, 13.65N:92.26W, h11km, 16km, MD4.4, Presumed earthquake

NEIC 21 16:28:50.2±1.5, 13.83N:07.92E, h7km, 5km, mb4.4/27, Error ellipse: s-maj=10.5km s-min=7.1km az=162.0

ISC 21 16:28:49.1±4.5, 13.73N:00.95E, h17.003, h9km, 28km, n73, c186/90, mb4.4/16, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RETAL, RTAL, THIG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PMON, LTOG, MTG3, etc.

IDC 21 16:30:15.7±0.6, 3.51S: 77.62W, h0km, mb3.8/11, mbmp3.9/16, ML3.5/4, MS3.4/6, Error ellipse: s-maj=22.1km s-min=10.9km az=89.0

RSNC 21 16:30:17.6±0.3, 4.5S: 77.8W, h0km, M4.5, mb5.0, mb4.8, ML3.8, Mw(mb)4.4

VAO 21 16:30:20.9±0.8, 3.67S: 77.33W, h10km, mb4.1, Presumed earthquake

NEIC 21 16:30:23.4±1.7, 3.63S: 0.06E, 77.74W, h0.09, h47km, 7km, mb4.5/52, Error ellipse: s-maj=13.9km s-min=7.5km az=71.0

ISC 21 16:30:22.7±0.4, 3.68S: 0.05E, 77.64W, h0.07, h50km, n112, c1932/94, mb4.5/30, MS3.2/5, IC, Peru-Ecuador border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like COHC, COCH, COCR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NNA, ROSC, ROSC, etc.

21d 17h

Table with columns: MKAR, WMQ, WMQ, WMQ, ASAR, HHC. Rows include station names like Makaniarray, Urumqi, Alice Springs, Hu-ho-hao-te and various parameters like magnitude, depth, and time.

NAO 21 16:37:40.9-0.6, 73.08N-5.39E, h10km, ML3.1
DNK 21 16:37:41.5-0.7, 73.38N-5.14E, h0km, 6.8km, ML1.9,
Presumed earthquake

BER 21 16:37:42.4-2.2, 73.07N-5.53E, h10km, Mw4.1,
ML3.1 (NAO), Confirmed Earthquake

ISC 21 16:37:37.3-1.0, 73.09N-0.07-5.36E, h11km, m39,
c297/43, Greenland Sea

Main table for 21d 17h section, listing stations (BJO1, BEAR, BRBA, etc.), station names, coordinates, phases, and times.

BER 21 16:39:25.4-1.1, 73.05N-6.41E, h10km, Mw3.7,
Confirmed Earthquake, Greenland Sea

Table for BER 21 16:39:25.4-1.1, listing stations (TRO, BRBB, LOF, etc.), station names, coordinates, phases, and times.

IDA 21 16:54:50.0-1.1, 37.05N-142.55E, h0km, mb3.77,
mbtmp3.7/9, ML2.7/2, MS2.8/1, Error ellipse: s-maj=20.9km
s-min=15.9km, az=102.0

JMA 21 16:54:55.3-0.1, 37.0N-0.2-142.1E, 0.3, h21km, 1km,
MV3.5/38, E OFF FUKUSHIMA PREF

NIED 21 16:54:55.3, 36.99N-142.11E, h21km, MW3.7, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm;

Mn=4.27; Mw=2.72; Ms=1.55; Me=0.40; Mv=1.61; Mv=0.68;
Fault plane solution: Ms4.13000x10^14 Np1;

ts=129.00000; ts=0.00000; ts=0.00000; NP2:
s=129.00000; s=0.00000; s=0.00000;

ISC 21 16:54:53.1-0.1, 36.90N-0.08-142.04E, h19km, n18,
c1875/14, mb3.77, Off east coast of Honshu

Table for ISC 21 16:54:53.1-0.1, listing stations (ONA1, JFW, MJAR, etc.), station names, coordinates, phases, and times.

2020 DEC

Table for 2020 DEC section, listing stations (H11S3, H11S2, MKAR, etc.), station names, coordinates, phases, and times.

PTWC 21 17:08:53.16, 40S-177.10W, h10km, Mwp5.8/7, FIJI
REGION

NOU 21 17:08:54.9, 16.90S:177.08W, h0km, mb5.2/88, Fiji
Islands Region

ICC 21 17:08:54.0, 16.79S:177.24W, h0km, mb4.9/26,
mbtmp4.9/29, ML3.8/2, MS5.1/68, Error ellipse:

s-maj=15.5km s-min=11.7km az=139.0
BUJ 21 17:08:54.0, 16.60S:177.40W, h8km, mb5.2/64,
Ms5.4/63, Ms7.5/2/65

GFZ 21 17:08:55.4-0.1, 17.3S-3.17W, h10km, Ms5.5/49,
mb5.2/49, confirmed

NEIC 21 17:08:55.7, 16.38S:177.47W, h10km
GFZ 21 17:08:55.4, 16.70S:177.24W, h18km, Mw5.7/72, Moment
Tensor Solution. Moment tensor: Scale 10^17Nm;

Mn=0.65; Mw=3.59; Ms=4.24; Mo=0.42; Mv=0.58; Mv=0.88;
Fault plane solution: Ms2.63000x10^17 Np1; ts=48.150000;

s=18.81389; s=77.91621; NP2:
ts=49.29993; ts=87.72247; ts=12.05007; Principal axes: T
4.4447, Plg10.11388, Azm274.67677; N -0.7691,

Plg77.7397; Azm58.84555; P -3.6755, Plg6.8577;
Azm183.4475;

NEIC 21 17:08:55.6, 16.38S:177.47W, h10km
NEIC 21 17:08:55.6, 16.40S:177.46W, h10km, 1km,

mb5.4/277, Ms 20.5/4,83, Mw5.5/38, Mw5.7/21, Error
ellipse: s-maj=14.4km s-min=2.7km az=151.0, Moment
Tensor Solution. Moment tensor: Scale 10^17Nm;

Mn=0.56; Mw=2.73; Ms=2.17; Mo=0.65; Mv=0.17; Mv=0.47;
Fault plane solution: Ms2.63000x10^17 Np1; ts=48.150000;

s=18.81389; s=77.91621; NP2:
ts=49.29993; ts=87.72247; ts=12.05007; Principal axes: T
4.4447, Plg10.11388, Azm274.67677; N -0.7691,

Plg77.7397; Azm58.84555; P -3.6755, Plg6.8577;
Azm183.4475;

ISC-PP 21 17:08:55.16, 40S-177.46W, h7km, Mw5.8/88, Moment
Tensor Solution. s28 Moment tensor: Scale 10^17Nm;

Mn=0.40-0.16; Mw=0.59-19; Ms=0.18-18; Mo=0.11-25;
Mv=0.78-0.03; Mv=0.46-0.06; Best double couple:
Ms4.23200x10^17 Np1; ts=320.00000; ts=82.00000;

ts=179.00000; NP2: ts=50.00000; ts=89.00000; ts=8.00000;
Principal axes: T 4.3480, Plg6.0000; Azm276.0000; N
-0.2300, Plg2.0000; Azm55.0000; P -4.1170,

Plg5.0000; Azm185.0000; ts=129.0000; ts=129.0000;
cutoff=40s; nsta2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function

NEIC 21 17:09:00.8, 16.48S:176.64W, h20km, Moment
Tensor Solution. Duration: 3s Moment tensor: Scale 10^17Nm;

Mn=0.26; Mw=4.00; Ms=4.26; Mo=0.53; Mv=0.07; Mv=1.03;
Fault plane solution: Ms4.30000x10^17 Np1;

ts=225.04000; ts=375.51000; ts=13.60000; NP2: ts=134.25000;
ts=86.95000; ts=165.48000; Principal axes: T 4.4937,

Plg12.0000; Azm89.0000; N -0.4162, Plg75.0000;
Azm303.0000; P 4.0775, Plg8.0000; Azm181.0000;

ISC 21 17:08:54.9-0.2, 16.77S-0.05-177.19W, h0.47h,
n8km, pP, n1036, ts182701, mb5.4/234, MS5.4/337,
62C-56D, Fiji Islands region

Main table for 2020 DEC section, listing stations (FUTU, MSVF, MSVF, etc.), station names, coordinates, phases, and times.

1018

Main table for 1018 section, listing stations (RAR, KOUNC, NFK, etc.), station names, coordinates, phases, and times.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PMG, Port Moresby, MTSU, CMSA, TAEO, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like LUWI, BLDU, GTOI, SBA, VSDA, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O02D, TPO, KHBM, SUTB, SSE, etc.

21d 17h

Table with columns for station ID, name, elevation, and various performance metrics (IAMS, IAMB, etc.). Includes stations like MOD Modoc Plateau, K05A Summer Lake, and many others.

2020 DEC

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like TIA TIA, H17K Unalaska, HAWA Hanford, and many others.

1020

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like MLY Manley, G19K Purcell Mountain, PV14 Lion Creek, and many others.

1021

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like TIY, BILL, BILBINO, etc.

2020 DEC

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like KMI2, F28M, BTO2, etc.

21d 17h

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like SNA4, SNA5, SNA6, etc.

Table with columns: EYMN, Name, Date, Time, Location, Status, etc. Includes entries like IYMN Ely, PB09 IROC Station P, PB01 IROC Station P, etc.

Table with columns: KIV, Name, Date, Time, Location, Status, etc. Includes entries like SHA1 Shidhazmatz, KOOLE Kule, OZVR Yerezimino-Bor, etc.

Table with columns: PVCC, Name, Date, Time, Location, Status, etc. Includes entries like Panska Ves, Bisra Bisoca, OZVR Voineasa-Covas, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other astronomical data. Includes entries like GHAJ, AMBH, SALP, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, and other astronomical data. Includes entries like TOR, KSP, KSP, etc.

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

21d 18h

Table of astronomical observations for the 21-day period, listing objects like MYKA Terra Mystica, ACOM Acomezia, MOTA Moosalm, etc., with their coordinates and magnitudes.

NOU 21 17:14:36.7, 23:21:53.131:10E, h0km, mb.4.1/12, Northern Territory, Australia

Table of astronomical observations for the Northern Territory region, listing objects like AUALC St Phillip's Co, ASAR Alice Springs, etc.

2020 DEC

Main table of astronomical observations for December 2020, listing objects like FITZ Fitzroy Crossi, MULG Mulgathing, etc., with their coordinates and magnitudes.

1024

Table of astronomical observations for the 1024 region, listing objects like BORG Danmarks Havn, SUMC Summit, etc.

1024 18:14:41.0, 14:74N:121:70E, h0km, mb.4.5/24, mbmp.4.6/26, ML.4.2/2, MS.1/21, Error ellipse: s-maj=20.7km s-min=11.5km az=71.0

GFZ 21 18:14:43.4, 0.4, 15:1N:3:12:2E, h13km, 2km, M5.3/36, mb.4.9/36, Error ellipse: s-maj=7.9km s-min=5.3km az=81.4, confirmed

MAN 21 18:14:43.0, 14:84N:121:57E, h12km, MS.9 MAN INTENSITY V - GENERAL NAKAFI AND INFANTA QUEZON, INTENSITY IV - DINGALAN AURORA; MALELOZ CITY SAN JOSE DEL MONTE CITY AND CHAIKING BULACAN; LUMIAN LAGUNA; CALOCAN CITY MAKATI CITY; MARIKINA CITY QUEZON CITY; VALENZUELA CITY; CITY OF MANILA; REAL QUEZON; RODRIGUEZ AND SAN MATEO RIZAL, INTENSITY III - DOA REMEDIOS TRINIDAD MARILAO AND MEYCAUAYAN BULACAN; PAKIL LAGUNA; MALABON CITY; PASIG CITY; PARAQUETE CITY; GABALDON NUEVA ECUIJA; ANGELES CITY PAMPANGA; LUCBAN NUEVA PROVINCE; ANTIPOL CITY BINANGONAN AND TAYTAY RIZAL, INTENSITY II - PLARIDEL AND SAN MIGUEL BULACAN; SANTA CRUZ LAGUNA; NAVOTAS CITY; BONGABON LAUR AND PALAYAN CITY; NUEVA ECUIJA; TANAY RIZAL, INTENSITY I - CATABANUAAN CITY NUEVA ECUIJA

BJI 21 18:14:46.3, 14:72N:121:37E, h24km, mb5.1/20, mb.4.5/63, Ms.4.6/49, Ms.7.4/248

GCMT 21 18:14:46.6, 0.3, 14:87N:120:02:121:52E:0:02, h28km, 1km, MW5.0/82, Moment Tensor Solution. s19,c21; s82,c12; Duration: 0 Moment tensor: Scale 1016Nm; Mr1.39t; 23; Mw1.45t; 13; M9-2.84t; 17; Mw-1.22t; 22; Mw0.21t; 24; Best double couple: M3.42000x1016 NP1.9542.00000; s63.00000; A23.00000; Principal axes: T 3.1050, P194.00000; Azm200.0000; N 0.6310, P195.00000; Azm30.0000; P -3.7360, P195.00000; Azm293.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 21 18:14:47.6, 1.8, 14:77N:120:07:121:6E:0:1, h38km, 7km, mb.4.9/80 Error ellipse: s-maj=15.4km s-min=8.9km az=72.0

DJA 21 18:14:55.1, 0.8, 15:1N:4:12:1E, h90km, 7km, M4.8/70, mb5.4/19, mb.4.9/70, Mw(mb)8.1/19

ISC 21 18:14:44.5, 0.4, 14:77N:120:03:121:62E:0:03, h16km, 2km, h16km:1.0, s19:c21, P-P, n310, s19:c21:301, mb.4.9/120, MS.4/20, 2C-2D,

Table of astronomical observations for the Luzon region, listing objects like PCPS Palayan City, LQP Lukban, etc., with their coordinates and magnitudes.

1025

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCI Palu, LUWI Luwuk, LUWI Luwuk, WHN Wuhan, SANI Sanana, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like HNS HongShan, EDFI Ende, GRJI Gresik, etc.

21d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA Lhasa, ASAJ Asahikawa, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, Res ISC. Includes stations like KKAR Karatay Array, IUG luzhnay, CHM Chikmoy, BRLS Borolday, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, Res ISC. Includes stations like AIS Amsterdam Isla, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, Res ISC. Includes stations like NVAR Mina Array Bea, IDC 21 18:20:57.9, NEIC 21 18:20:58.2, etc.

Table with columns for region/city, elevation, date, and four sets of data (likely wind speed/direction and temperature). Rows include locations like Cerignola FG, San Sossio Bar, Palazzo San Ge, and Muro Lucano across various regions.

21d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, ILAR Eielson Array, BCAR Beaver Creek A, etc.

DC 21 19:33:12.7,5.3,36.92Nk71.79E, h122km,45km, mb3.4/9, mbmp3.8/15, Error ellipse: s-maj=39.7km s-min=19.3km az=28.0

NCC 21 19:33:15.2,5.8,37.58Nk71.22E, h0km, mb4.2, mpv4.3, Error ellipse: s-maj=45.2km s-min=33.9km az=167.0

ISC 21 19:33:10.6,0.7,36.95N,0.06,71.65E,0.09, h106km, n39, c295/49, mb3.7/9, 2C-6D, Afghanistan-Tajikistan region

Main table for 21d 20h section, listing station codes (SRNI, SRRI, JMU, etc.), station names (Srinagar, Jammu, etc.), and their respective coordinates and phases.

2020 DEC

comp=N,0.3nm,0.7s
DC 21 19:38:48.3,4.4,4.3,67Sx177.02E, h0km, mb3.9/3, mbmp3.9/4, ML3.7/1, Error ellipse: s-maj=98.2km s-min=18.9km az=63.0

WEL 21 19:38:53.0,1.3,35.5,13x17.9E, 1.4, h111km,52km, M4,0.9,ML4,0.9, Error ellipse: s-maj=20.0km s-min=14.5km az=51.0

ISC 21 19:38:50.3,4.1,35.0S,0.2,179.2E,0.2, h100km, n33, c132/39, mb3.7/3, South of Kermadec Islands

Main table for 2020 DEC section, listing station codes (MXZ, WNGZ, HAZ, etc.), station names (Matakaoa Point, etc.), and their respective coordinates and phases.

DC 21 19:58:09.9,1.1,8.06S,128.54E, h0km, mb3.9/6, mbmp4.0/10, ML4.0/4, Error ellipse: s-maj=24.4km s-min=17.2km az=59.0

NEIC 21 19:58:13.7,2.3,8.49S,0.07,128.30E,0.06, h10km, 1km, mb4.2/7, Error ellipse: s-maj=11.7km s-min=9.3km az=345.0

ISC 21 19:58:15.9,0.7,8.63S,0.05,128.38E,0.06, h35km, n27, c258/35, mb4.0/9, Timor Sea

Main table for 2020 DEC section, listing station codes (SAUI, SOEI, BATI, etc.), station names (Saumlaki, etc.), and their respective coordinates and phases.

1030

QSPA South Pole Qui 81.36 180 P P 20 10 28.5 -0.4
QSPA comp=Z,4.3nm,1.2s P lAmb P lAmb 20 10 37.0

MOS 21 20:07:52.3,1.2,29.40Sx177.45W, h8km, mb5.1/16, MS4.6/9, Error ellipse: s-maj=15.6km s-min=11.3km az=128.1

DC 21 20:07:52.0,0.5,29.27S,177.15W, h0km, mb4.5/17, mbmp4.5/20, ML5.3/3, MS4.3/49, Error ellipse: s-maj=17.9km s-min=15.3km az=96.0

NOU 21 20:07:53.5,29.60S,177.00W, h15km, mb5.8/8, mb5.0/24, MS4.9/2, MS7.4/6/3

GFZ 21 20:07:55.2,0.2,30.3,3x17.7W, h15km, M5.0/30, mb5.0/30

NEIC 21 20:07:56.0,1.8,29.46S,0.04,177.14W,0.08, h21km,3km, mb5.0/34, Muv5.0/10, Error ellipse: s-maj=10.9km s-min=4.3km az=66.0

GCMT 21 20:07:58.0,0.2,29.30S,0.02,176.72W,0.1, h22km, MW5.1/14, Moment Tensor Solution, s78.C17, s114.c160, Duration: 0 Moment tensor: Scale 10^16Nm; Mn:4.50e-15; Mxx:0.35e-11; Myy:4.15e-10; Mzz:1.26e-20; Mxy:0.65e-08; Mxz:2.99e-16; Best double couple: M5.44700x10^16 NP1:183.00000, delta2.00000, 1.77.00000. NP2:18.00000, delta3.00000, 1.97.00000. Principal axes: T 5.6070, Pgt17.0000, Azm301.0000; N -0.3180, Pgt6.0000; Azm194.0000; P -5.2880, Pgt18.0000; Azm102.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 20:07:54.1,0.3,29.57S,0.04,177.09W,0.05, h10km, n363, c188/311, mb5.0/67, MS4.4/55, 21-C13D, Kermadec Islands

Main table for 1030 section, listing station codes (GLKZ, RAO, etc.), station names (Green Lake, Raoul Island, etc.), and their respective coordinates and phases.

Table with columns for station call letters, location, frequency, and other details. Includes stations like Jackson Bay, Mavora Lakes, Sarauoutu, Tubuai, etc.

Table with columns for station call letters, location, frequency, and other details. Includes stations like Kellerberrin, NAWAO, MEKEE, CASY, etc.

Table with columns for station call letters, location, frequency, and other details. Includes stations like Nanjing, Gunungsitoli, Ussuriysk Arra, etc.

JSN 21 21:46:40.9,1.0, 18.15N;76.68W, h16km, 5km, MD2.5, Confirmed Earthquake

SSNC 21 21:46:40.9,1.0, 18.34N;76.80W, h13km, 9km, MD2.8, ML1.8, Presumed earthquake

ISC 21 21:46:36.1, 2, 18.40N;0.04;76.64W;0.07, h7km, 13km, n11, c083/21, 3C-5D, Jamaica region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like Greenwich, Stony Hill, Hope, Portland Cotta, etc.

NEIC 21 21:48:45.4, 2.0, 55.8S;0.2;27.7W;0.2, h115km, 8km, mb4.5/15, Error ellipse: s-maj=26.7km s-min=15.1km az=208.0

IDC 21 21:48:47.4, 15.0, 55.83S;2.7;84W, h130km, 134km, mb4.0/4, mbtmp4.3/4, Error ellipse: s-maj=94.7km s-min=21.6km az=60.0

ISC 21 21:48:42.0, 7.5;3S;0.1;28.0W;0.1, h121km, n36, c087/34, mb4.0/10, 2C, South Sandwich Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like Hope Point, Neumayer Ol ymp, etc.

IDC 21 21:51:29.4, 1.7, 35.43N;27.02E, h0km, mb3.4/4, mbtmp3.3/6, ML2.9/2, Error ellipse: s-maj=31.2km s-min=19.4km az=7.0

ISK 21 21:51:34.9, 35.50N;27.03E, h26km, ML3.2/22 AFAD 21 21:51:35.4, 35.67N;26.87E, h34km, 2km, ML3.3

ATH 21 21:51:36.0, 35.52N;27.00E, h14km, 4km, ML3.2/10, Latitude uncertainty: 5 km; Longitude uncertainty: 4 km

THE 21 21:51:36.6, 36.13N;3.27E, h17km, 17km, M3.0/14, ML3.0/14

ISC 21 21:51:35.0, 0.8, 35.52N;0.04;27.04E;0.03, h27km, 5km, mb3.5/4, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like KARP Karpathos, ZKR Zakros, etc.

SSNC 21 21:49:19.3;2.0, 19.56N;78.17W, h20km, 14km, MD3.7, ML2.5, Presumed earthquake

JSN 21 21:49:21.5;1.0, 19.40N;77.84W, h0km, 9km, MD3.6, Presumed earthquake

ISC 21 21:49:17.0;1.3, 19.57N;0.04;78.17W;0.03, h25km, 14km, n23, c1850/40, 4C-3D, Cuba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like Pilon, Las Mercedes, Milas, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like CHIV CHIV, MCJ Malvern, etc.

IDC 21 21:51:29.4, 1.7, 35.43N;27.02E, h0km, mb3.4/4, mbtmp3.3/6, ML2.9/2, Error ellipse: s-maj=31.2km s-min=19.4km az=7.0

ISK 21 21:51:34.9, 35.50N;27.03E, h26km, ML3.2/22 AFAD 21 21:51:35.4, 35.67N;26.87E, h34km, 2km, ML3.3

ATH 21 21:51:36.0, 35.52N;27.00E, h14km, 4km, ML3.2/10, Latitude uncertainty: 5 km; Longitude uncertainty: 4 km

THE 21 21:51:36.6, 36.13N;3.27E, h17km, 17km, M3.0/14, ML3.0/14

ISC 21 21:51:35.0, 0.8, 35.52N;0.04;27.04E;0.03, h27km, 5km, mb3.5/4, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like KARP Karpathos, ZKR Zakros, etc.

SSNC 21 21:49:19.3;2.0, 19.56N;78.17W, h20km, 14km, MD3.7, ML2.5, Presumed earthquake

JSN 21 21:49:21.5;1.0, 19.40N;77.84W, h0km, 9km, MD3.6, Presumed earthquake

ISC 21 21:49:17.0;1.3, 19.57N;0.04;78.17W;0.03, h25km, 14km, n23, c1850/40, 4C-3D, Cuba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like RAO Raoul Island, URZ Urewera, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like IZZE Mugla, Merkez, SABU Sabunlu, etc.

IDC 21 22:01:00.5, 3.0, 30.44S;177.18W, h0km, mb3.7/2, mbtmp3.9/3, ML4.0/1, Error ellipse: s-maj=63.0km s-min=27.9km az=101.0, Kermadec Islands

RAO Raoul Island 1.34 331 Op Pn 22 01 22.1 -4.2

RAO 381nm, 0.3s, baz=85, slow=11, SNR=9.2 Sg 22 01 33.8 -10

URZ Urewera 9.12 210 Pn Pn 22 03 11.3 -2.0

URZ 1.5nm, 0.3s, baz=208, slow=1.7, SNR=8.2 Sn 22 04 56.0 -0.6

URZ 0.5nm, 0.3s, baz=324, slow=19, SNR=2.6 Sn 22 09 08.2 -0.2

ASAR Alice Springs 43.81 267 P AML P 22 09 17.4 +1.0

WRA Warramunga Arr 44.80 272 P Pn 22 09 27.4 +1.0

FINES FINES Array B 145.42 340 PKPbc PKPbc 22 20 38.9 -0.8

ISC 21 22:04:57.4;0.9, 12.11N;123.71E, h0km, mb3.8/8, mbtmp3.8/8, MS3/17, Error ellipse: s-maj=41.4km s-min=18.5km az=65.0

MAN 21 22:04:58.0, 12.29N;123.81E, h13km, MS3.6

MAN INTENSITY III - MANSBATE CITY - INTENSITY II - DIMASALANG AND CATAINGAN MANSBATE.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, Op, P, S, h, m, s, ISC. Lists stations like NGCH Negor - Chabab, JASK Jask - Hormozg, etc.

21d 22h

2000 DEC

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ISC 21 22:04:58.0±1.4, 121.62N, 0°03.12377E, 0°06, h3km±10km, n39, c156/34, mb3.8/8, MS3.1/15, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

31nm, 0.3s, baz=4.0, slow=23, SNR=7.9, 20nm, 0.3s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

IOS 21 22:32:39.4, 43°37'N-45°90'E, h11km, MPVA3.9, 100km, 0.3s, baz=136, slow=6.9, SNR=9.7

NORS 21 22:32:39.0, 43°41'N-45°92'E, h11km, MPVA4.2, 100km, 0.3s, baz=136, slow=6.9, SNR=9.7

DRS 21 22:32:40.2, 43°38'N-45°96'E, h6km, 100km, 0.3s, baz=136, slow=6.9, SNR=9.7

ISC 21 22:32:40.0±0.9, 43.47N-0°03.45E, h0km, mb3.0/3, n93, c1935/155, mb3.0/3, C-1D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

ISC 21 22:22:03.0±1.2, 13366N, 143.05E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=27.4km s-min=27.0km

az=69.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

ISC 21 22:24:23.1±1.8, 7°21'N, 102°73'94W, 0°02, h13km±13km, n46, c1837/76, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

ISC 21 22:32:39.4, 43°37'N-45°90'E, h11km, MPVA3.9, 100km, 0.3s, baz=136, slow=6.9, SNR=9.7

NORS 21 22:32:39.0, 43°41'N-45°92'E, h11km, MPVA4.2, 100km, 0.3s, baz=136, slow=6.9, SNR=9.7

DRS 21 22:32:40.2, 43°38'N-45°96'E, h6km, 100km, 0.3s, baz=136, slow=6.9, SNR=9.7

ISC 21 22:32:40.0±0.9, 43.47N-0°03.45E, h0km, mb3.0/3, n93, c1935/155, mb3.0/3, C-1D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

GUDD Lesken 1.54 263 i Pg Sn 22 33 23.9 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

ISC 21 22:33:13.1±1.1, 18°39'N-71°81'W, h41km±14km, MD2.7, ML2.1, MW2.7, Presumed earthquake

OSPL 21 22:33:15.6±1.0, 18°41'N-71°68'W, h6km±36km, ML2.0, Presumed earthquake

ISC 21 22:33:15.2±1.2, 18°39'N-0°05:71.67W, 0°04, h15km±9km, n8, c1804/14, C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

s-min=23.6km az=108.0
NOU 21 22:43:06.4, 37°52'S, 179°31'E, h0km, mb4.4/10, Off E.
Coast of N. Island, N.Z.
WEL 21 22:43:07.4, 1.2, 37°56'S, 179°9'E, 1.1, h19km, 13km,
M3.9/12, ML4.0/12, ML3.9/12, Error ellipse: s-maj=13.8km
s-min=8.4km az=87.2
ISC 21 22:43:02.0, 2.1, 36°90'S, 0.05, 179°13'E, 0.08, h7km, 10km,
n98, c189/110, Off east coast of North Island

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, and FINES FINES Array B.

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SAUI Saumlaki, WRA Warramunga Arr, and FINES FINES Array B.

IDC 21 23:24:38.0, 1.5, 4.44S, 131°66'E, h0km, mb3.2/1,
mbtmp3.5/5, ML3.6/4, Error ellipse: s-maj=59.2km
s-min=13.9km az=88.0, Banda Sea

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SIJI Sorong, SIJI Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, and ASAR Alice Springs.

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SIJI Sorong, SIJI Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, and ASAR Alice Springs.

IDC 21 23:43:47.3, 2.4, 1.72N, 126°25'E, h0km, mb3.2/3,
mbtmp3.2/3, Error ellipse: s-maj=229.2km
s-min=27.1km az=65.0, Northern Molucca Sea

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CTAO Charters Tower, GIRL Giralda, BBJI Bungbulang, INKA Innaminka, and BBOO Buckleboe.

IDC 21 23:57:42.9, 0.8, 33°51'N, 142°22'E, h0km, mb3.8/13,
mbtmp3.8/15, ML3.1/3, MS3.0/4, Error ellipse:
s-maj=16.9km s-min=14.3km az=46.0

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for STKA Stephens Creek, CAN Canberra, MKAR Makanchi Array, and MKAZ Makanchi.

IDC 21 23:57:46.8, 0.3, 33°53'N, 142°09'E, h36km, MW3.8, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm;
Mw=4.58; Mw0.68; Mw3.30; Mw=1.01; Mw=0.94; Mw1.89;
Fault plane solution: N1, 86.00000°, 101°14', N2,
0.349, 0.0000°, 83.2, 0.0000°, A=82, 0.0000°, NP2,
0.160, 0.0000°, 85.8, 0.0000°, A=95, 0.0000°.

JMA 21 23:57:46.8, 0.2, 34°N, 1°E, 142°1E, 0.8, h36km, 3km,
MV3.725, FAR E OFF IZLANDS

ISC 21 23:57:48.3, 0.8, 33°49'N, 142°00'E, 0.09, h34km, n20,
c1920/24, mb3.9/13, Off east coast of Honshu

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BSO1 Boso 1, BSO3 Boso 3, JHJ Hachijo jima 2, and JHJ Hachijo jima 2.

IDC 20:29:57.5, 1.9, 32°08'N, 115°17'W, h0km, mb3.5/2,
mbtmp3.4/8, ML2.9/5, MS3.3/14, Error ellipse:
s-maj=22.7km s-min=10.9km az=41.0

ECX 22:00:28.5, 0.6, 32°31'N, 115°41'W, h9km, 1km, MD4.1,
ML4.3

NEIC 22:00:29:59.2, 2.2, 32°34'N, 0°11', 115°42'W, 0.01, h10km, 1km,
mb3.9/2, ML3.8/42, Mw4.1, 6(PAS), Error ellipse:
s-maj=3.0km s-min=2.1km az=357.0

PAS 22:00:00:20, 1.7, 32°34'N, 0°11', 115°39'W, 0.01, h15km, 6km,
Error ellipse: s-maj=1.9km s-min=1.5km az=134.0

MEX 22:00:00:20.0, 2.0, 32°43'N, 115°26'W, h21km, 10km, MD3.9,
Presumed earthquake

ISC 22:00:29:60.0, 0.8, 32°32'N, 0°11', 115°42'W, 0.01, h13km, 5km,
n177, c1813/218, mb3.9/3, MS3.3/10, 16C-25D,
California-Baja California border region

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KSRs Kras Array, KSRs Kras Array, JOW Kunigami, HILR Hailar Array B, SONM Songin Array, LZDM Lanzhou Array, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arra, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, YKA Yellowknife Arr, NVAR Mina Array Bea, HFS Hagers, NOA NORRAR Array B, BRTR Keskin Array B, NEIC 22:00:38.0, 1.7, 6.59S, 105°129.80E, 0.08, h145km, 10km, mb4.3/12, Error ellipse: s-maj=13.1km s-min=4.5km az=119.0, DJA 22:00:09:38.0, 1.0, 7°S, 5°13'OE, h223km, 19km, M4.4/13, mb5.3/1, mb4.3/3, MLV4.5/13, Mw(mbB)4.7/1, IDC 22:00:09:38.6, 2.0, 6.59S, 129.80E, h155km, 21km, mb3.8/4, mbtmp4.8, Error ellipse: s-maj=20.9km s-min=15.6km az=74.0, ISC 22:00:09:37.0, 0.6, 6.64S, 0.05, 129.86E, 0.06, h146km, n37, c2943/41, mb4.3/9, Banda Sea

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for STKA Stephens Creek, CAN Canberra, MKAR Makanchi Array, MKAZ Makanchi, KURBB Kurchatov Arra, KURK Kurchatov, CPBX Cerro Prieto, CPBX Cerro Prieto, MBX Mexicali, RHX Rio Hardy, AGSX Ej. Aguas Cal, CHIX Chihuahua, JARAX Ej. Heriberto, CTXL Tlaxcala, CTXL Tlaxcala, ZC06 Zona comercial, POTX Potabilizadora, GUVIX Guadalupe Vict, GUVIX Guadalupe Vict, BOSO Brigada del So, POT2 Potabilizadora, ZC02 Zona Comercial, ZC01 Zona Comercial, ICBC Inst. de Cultu, ALAMX Rancho Alamar, ALAMX Rancho Alamar, CEAO Mexicali, YUCAY Yucatan, YUCAY Yucatan, YUCAY Yucatan, RITX Riito Sonora, RITX Riito Sonora, RITX Riito Sonora, SGL Mount Signal, SGL Mount Signal, DREC Desert Rsrch C, DREC Desert Rsrch C, FRM2 Fiarum2 CEA PB

22D Oh

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like YUH, YUH, YUH, YUH, YUH, etc.

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Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CTW, SDMC, DDP, DDP, DDP, etc.

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Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like DLBC, SADO, SADO, SADO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes title: HEL 22 00:36:41.9:0.2,67.85N:20:24E,h0km,ML1,2, Explosion,Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes title: UPP 22 00:37:26.7:0.0,67.85N:20:21E,h0km,ML2,5, Suspected explosion,Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes title: HEL 22 00:40:10.5:0.2,67.84N:20:18E,h0km,ML1,4, Suspected explosion,Sweden

Table with columns: Code, Station Name, n97, c0587/184, Taiwan region, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like EOS2, E0S3, JYNG, YOJ, etc.

Table with columns: YULB Yu-li, YULB Dajia District, YULB Yuli, YULB Yuli, etc. Lists stations in the Yuli area with coordinates and times.

Table with columns: OUZM, TZRR, Tazzarine, 7.49 141, S, Pn, Sn, Time Res, ISC, h m s, ISC. Lists stations like WAKE ISLAND, BOROVY, etc.

22d 1h

Table with columns: AAK, Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Ala-Archa, Bishkek, Chumysh, etc.

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Table with columns: BLSJP, Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Bilaspur, Makhachkala, Bokaro, etc.

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Table with columns: MOY, Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Mondy, TengChong, Lanzhou Array, etc.

22d 1h

Table with columns: Code, Station Name, Az, Phase ID, H, m, s, ISC, Time, Res, ISC. Lists various stations like BARC, BRJC, RUSC, etc.

Mindanao

Table listing stations in Mindanao with columns: Code, Station Name, Az, Phase ID, H, m, s, ISC, Time, Res, ISC.

2020 DEC

Main table listing astronomical objects with columns: Code, Name, Az, Phase ID, H, m, s, ISC, Time, Res, ISC.

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Table listing astronomical objects with columns: Code, Name, Az, Phase ID, H, m, s, ISC, Time, Res, ISC.

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

NEIC 22 01:23:58.6; 1.3, 25.2S; 0.1x179.8E; 0.1, h51km, 7km, mb4.3/10, Error ellipse: s-maj=17.2km s-min=15.2km az=118.0

IDC 22 01:23:58.6; 1.4, 25.16S; 179.64E, h518km, 14km, mb3.6/12, mbtmp4.4/17, Error ellipse: s-maj=15.3km s-min=12.7km az=114.0

ISC 22 01:23:57.0; 1.5, 25.18S; 179.71E; 0.08, h507km, n57, az=090/57, mb4.1/16, 3D, South of Fiji Islands

Main table for station data on the left side, including stations like MSVF, MARNC, NIUE, etc.

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

IDC 22 01:38:15.1; 1.9, 7.53S; 128.67E, h158km, 16km, mb3.8/10, mbtmp4.3/15, Error ellipse: s-maj=19.5km s-min=12.3km az=78.0

NEIC 22 01:38:16.2; 2.0, 7.44S; 0.08, 128.63E; 0.09, h161km, 7km, mb4.1/7, Error ellipse: s-maj=12.4km s-min=11.2km az=99.0

DJA 22 01:38:18.8; 1.3, 8.3S; 121.9E, h24km, 13km, ML4.9/20, mb4.7/10, mb5.7/7, MLV4.8/20, Mw(mb)5.2/7

ISC 22 01:38:14.6; 0.5, 7.39S; 0.05, 128.61E; 0.05, h151km, n70, az=202/67, mb4.1/12, 1C, Banda Sea

Main table for station data in the middle, including stations like KAPU, DAVO, FITZ, etc.

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

IDC 22 01:46:25.0; 1.6, 28.26N; 166.7W, h12km, 7km, mb_Lg0.4/4, Error ellipse: s-maj=7.1km s-min=5.6km az=148.0, Canary Islands region

IDC 22 01:47:38.2; 0.5, 58.81S; 148.68E, h0km, mb4.6/12, mbtmp4.6/13, ML3.9/1, MS4.5/41, Error ellipse: s-maj=24.5km s-min=13.3km az=88.0

MOS 22 01:47:39.0; 9.58; 83S; 148.91E, h10km, mb5.1/10, Error ellipse: s-maj=38.3km s-min=9.5km az=93.7

NEIC 22 01:47:39.7; 1.2, 58.82S; 0.06, 149.2E; 0.2, h10km, 1km, mb5.2/44, Mw5.4/11, Error ellipse: s-maj=17.9km s-min=10.0km az=96.0

GFZ 22 01:47:40.1; 0.2, 59.2S; 2x14.9E, h10km, MA.7/33, mb5.1/33

GCMT 22 01:47:42.7; 0.1, 58.78S; 0.01x149.01E; 0.01, h12km, MW5.4/143, Moment tensor: S105.c189; s143.c270; Duration: 1s2 Moment tensor: Scale 1017 Nm; Mw=0.11; 0.1; Mw=0.77; 0.1; Mw=0.65; 0.2; Mw=0.51; 0.4; Mw=1.0; Mw=1.0; Mw=0.01; Best double Mw=0.00000; 0.1; 42300.1017; 1.1; Mw=0.345; 0.00000; 0.2; 0.00000; NP2=2.504; 0.00000; 888.00000; 1.6; 0.00000; Principal axes: T: 1.5090, Plg15.0000; Azm207.0000; N -0.1710, Plg70.0000; Azm69.0000; P -1.3370, Plg12.0000; Azm301.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 22 01:47:39.7; 0.3, 58.87S; 0.05, 149.24E; 0.06, h10km, n375, az=133/333, mb5.1/59, MS4.6/45, 18C-27D, West of Macquarie Island

Main table for station data on the right side, including stations like CPVI, CCHO, CCAN, etc.

22d 1h

Table of flight data for the 22d 1h period, including columns for flight number, destination, time, status, and aircraft type.

2020 DEC

Table of flight data for the 2020 DEC period, including columns for flight number, destination, time, status, and aircraft type.

1042

Table of flight data for the 1042 period, including columns for flight number, destination, time, status, and aircraft type.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tsumeb, AF01, BRUH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OBKA, CONA, SESA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AC06, PB08, TA01, etc.

22d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LMGC, MARVS, GATBY, PINC, SABCS, QMBU, OMBU.

MOS 22 02:25:18.8, 1.1, 78:53N:3:52W, h10km, mb4.8/44, Error ellipse: s-maj=24.7km s-min=5.2km az=94.1

BER 22 02:25:20.6, 4.1, 78:72N:3:17W, h10km, Mw5.0, ML4.2(NAO), Confirmed Earthquake

FCIAR 22 02:25:22.9, 3.6, 78:56N:2:66W, h36km, 27km, ML3.6, MS3.7, Presumed earthquake

KOLA 22 02:25:27.2, 78:11N:0:22W, h0km, ML2.8, Greenland sea station magnitude of 3.50

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBS, BRBB, BRBA, DAG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOR, SPJA, SPAO, SPIT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPIT, SPB, DBG, DBG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOPEN, BJOT, BEAR, JMW, JNE, JMC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMW, JNE, JMC, JMI, OMEGA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OMEGA, SCO, SCO, SCO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCO, NEE, NEE, NEE, SUMG.

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

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

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

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

2020 DEC

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JETT, JETT, JETT, LOFOT, LOFOT.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2020 DEC 1044

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FIA1, FIA1, FIA1, FIA1, FIA1.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: TRF, comp, IAML, Pn, Time, Res. Includes entries for Denali Highway, Gilahina Butte, Wrangeli Chich, etc.

Table with columns: PBO8, IPOC Station P, Pn, Time, Res. Includes entries for Diego Aracena, Chusmiza, etc.

Table with columns: AYDB, Zeytinkoy-Aydi, Pn, Time, Res. Includes entries for Foa, Karabur, Bodrum, etc.

NEIC 22 04:54:27.5:0.6, 16:20S:0:09:73:0W:0:1, h121km, 7km, mb4.1/10, Error ellipse: s-maj=16.2km s-min=10.0km

IDC 22 04:54:27.9:1.9, 16:13S:72:99W, h132km, 21km, mb3.5/4, mbtmp3.8/6, Error ellipse: s-maj=28.9km s-min=13.0km

ISC 22 04:54:25.6:0.6, 16:23S:0:07:73:0W:0:08, h100km, n30, a170/31, mb3.9/6, Near coast of Peru

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes entries for Chacalluta, IPOC Station P, etc.

CATAC 22 04:35:57.0:0.8, 14°N 15°E 8'W, h183km, 7km, M2.9/9, ML2.2/1, confirmed

SNET 22 04:36:33.2:1.2, 29:29N-89:02W, h24km, ML3.2, Presumed earthquake, Off coast of central America

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes entries for ALJI, TECO, etc.

ISK 22 04:36:36.9:0.37, 86N-26:83E, h3km, ML2.6/13, AFAD 22 04:36:37.8:0.26, 84E, h7km, 1km, ML2.4

ISC 22 04:36:37.9:0.9, 37.86N:0:02:26.83E:0:03, h11km, 8km, n25, c041/38, Dodecanese Islands

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes entries for SMG, DGB, etc.

IDC 22 04:56:21.9:1.8, 0:34S:119:91E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=307.9km s-min=28.9km

DJA 22 04:56:50.4:0.3, 2:3S:12:3E, h10km, M3.8/14, ML3.8/14

ISC 22 04:56:50.1:1.1, 1:94S:0:05:122:60E:0:09, h10km, n12, a134/13, Sulawesi

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes entries for LUWI, LUWU, etc.

NEIC 22 05:01:0:6:0.9, 18:86S:0:02:169:4E:0:1, h240km, 6km, mb4.5/74, Error ellipse: s-maj=14.6km s-min=1.9km

IDC 22 05:03:02.6:1.9, 18:86S:169:37E, h261km, 21km, mb3.9/12, mbtmp4.5/14, Error ellipse: s-maj=31.7km

NOU 22 05:03:02.4, 18:88S:169:34E, h229km, ML4.4/16, Vanuatu Islands

ISC 22 05:03:01.4:0.4, 18:87S:0:05:169:35E:0:07, h246km, n135, c097/132, mb4.5/47, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes entries for INH, RTV, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like YATNC, SANVU, PINNC, DZM, NOUC, KOUNC, MSVF, EIDS, ARMA, CTA, CTAO, PMG, INKA, STKA, STKA, WR8, BBOO, WBO, WRA, ASAR, MTN, KNRA, FORT, FITZ, FITZ, MBWA, NWAO, NWAO, MORW, MORW, DAH, TRH, KKKU, VYDA, NJ2, NJ2, GSPA, PEAOB, PETK, PETK, O14K, OHAQ, LZH, LZH, L14K, L14K, M17K, J16K, J16K, K17K, KOPM, ANM, ANM, DCMP, DCMP, J17K, J17K, KHMM, KRMB, KHBM, KHBM, O02D, O02D, SUTB, SUTB, ELIB, M02C, M02C, ORV, CMB, AFDM, MWC, MWC, O03E, O03E, YBH, SONM, SONM, SONM, SONM, BFSC, BFSC, DPP, DPP, HELL, YUBA, YUBA, HATO, LOAD, DIB, ESJX, BEKR, BEKR, BORC, BORC, WAKR, WAKR.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BELC, BELC, NVAR, NVAR, GRAC, GRAC, K05A, J05D, FURC, FURC, LOGN, LOGN, KVN, WCT, WCT, IMAR, TPNV, TPNV, I23K, GNV, GNV, ILAR, PDAR, TX31, TXAR, YKA, YKA, MKAR, FINES, FINES, EKA, RONA, CONA, KHC, GECZ, GERES, GERES, GERES, GERES, IDI, MOA, RCBR, SESA, SOKA, LESA, ITM, ABTA, SABA, MOTA, SOTA, STAL, BFO, FETA, SDD, SDD, OSPL, OSPL, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes SDD 22 05:14:51.5, 1.7, 18.25N; OSPL 22 05:14:52.5, 1.3, 18.38N; and various station codes like LODU, JIDR, NEDR, LONE3, PODR, LOBH, LOVI, SDDR, SDDR, O03E, ABDR, ABDR, BANI, BANI, LOPPI, PLCA, CPUP, LPAZ, TORD, YKA, SONM.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ILAR, ILAR, IDC, DJA, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like EDFFI, EDFFI, MMRI, MMRI, MMRI, BATI, BATI, SOEI, SOEI, SOEI, DBNI, DBNI, DBNI, PLAI, PLAI, WRA, WRA, WRA, ASAR, ASAR, ASAR, STKA, STKA, MKAR, ZALV, ZALV, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like OJC, OJC, OKC, OKC, OKC, NIE, NIE, LANS, LANS, LANS, STEB, STEB, STEB, MORC, MORC, MORC, MAUC, ANAC, ANAC, LOSC, LOSC, LOSC, VYHS, VYHS, VYHS, JAVC, JAVC, KRLC, KRLC, KECS, KECS, KECS, VRAN, VRAN, VRAN, VYHS, VYHS, VYHS, DPC, DPC, DPC, OSTAS, OSTAS, OSTAS, KSP, KSP, KRUC, KRUC, KRUC, KRUC, KOLS, KOLS, KOLS, WINA, WINA, ABNA, ABNA, PVCC, PVCC, PVCC, RONA, RONA, RONA, ZVC, ZVC, CKRC, CKRC, CKRC, CKRC, KHC, KHC, MOA, MOA, NKNC, NKNC.

22d 7h

Table with columns: NKC, LESA, Schwarzleotol, 5.12 241, eSn, AML, Sg, 05 39 01.2 -3.4

OSPL 22:05:58.54.6:1.5, 18.39N:71.69W, h0km, 12km, ML2.7, Presumed earthquake
SDD 22:05:58.54.4:1.6, 18.35N:71.69W, h9km, 7km, MD3.4, ML2.6, MW3.0, Presumed earthquake
ISC 22:05:58.53.6:1.0, 18.38N:0.03:71.64W:0.04, h1km, 7km, n13, 0.561/23, 11C, Dominican Republic region

Main table for 22d 7h section, listing station names, coordinates, and seismic data for various stations like El Espartillar, Jimani, Neiba UASD, etc.

MDD 22:06:04:07.9:0.9, 35.42N:1.15W, h28km, 14km, mb_Lg2.5/18, Error ellipse: s-maj=1.7km s-min=3.8km az=144.0

CNRM 22:06:04:09.0:35.67N:1.80W, h10km, ML2.2, ISC 22:06:04:05.4:1.2, 35.54N:0.04:1.28W:0.05, h10km, n19, 0.180/37, Northern Algeria

Main table for 22d 7h section, listing station names, coordinates, and seismic data for various stations like Melilla, Alboran, JBK, etc.

SDD 22:06:50:14.2:2.0, 19.63N:70.35W, h2km, 8km, MD3.2, ML2.1, MW3.8, Presumed earthquake
OSPL 22:06:50:15.6:1.2, 19.55N:70.44W, h16km, 5km, ML1.7, Presumed earthquake
ISC 22:06:50:12.1:1.5, 19.64N:0.06:70.32W:0.06, h12km, 11km, n10, 0.554/15, 10C, Dominican Republic region

Main table for 22d 7h section, listing station names, coordinates, and seismic data for various stations like Santiago de lo, Luperon, Punta Rusia, etc.

2020 DEC

Table with columns: HIDR, Higuey Centro, 1.84 124, iP, P, 06 50 45.9 +0.1

Table with columns: JIDR, Jimani, 1.84 232, iS, S, 06 51 06.7 -0.2

ICD 22:06:54:56.3:6.9, 19.32S:177.85W, h545km, 59km, mb2.8/3, mbtmp3.7/4, Error ellipse: s-maj=249.6km s-min=30.7km az=157.0, Fiji Islands region

Main table for 2020 DEC section, listing station names, coordinates, and seismic data for various stations like Nonsavu, Warrunganga Arr, ASAR, etc.

ASRS 22:07:13:39.0:0.5, 49.63N:81.70E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. ICD 22:07:13:42.6:1.2, 49.72N:81.52E, h0km, mbtmp2.9/3, ML2.3/3, Error ellipse: s-maj=13.4km s-min=10.6km az=76.0

NNC 22:07:13:45.8:2.8, 49.62N:81.49E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=50.8km s-min=9.6km az=51.0, Suspected Mining explosion.

ISC 22:07:13:41.7:1.2, 49.50N:0.06:81.44E:0.06, h0km, n8, 0.162/11, 1C-4D, Eastern Kazakhstan

Main table for 2020 DEC section, listing station names, coordinates, and seismic data for various stations like Kurchatov, Kurchatov Arr, Zalesovo Beam, etc.

ICD 22:07:15:35.0:4.2, 3.12N:129.61E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=346.5km s-min=21.7km az=70.0, North of Halmahera

Main table for 2020 DEC section, listing station names, coordinates, and seismic data for various stations like Warrunganga Arr, Kurchatov Arr, ASAR, etc.

NNC 22:07:16:59.6:1.4, 49.99N:78.61E, h0km, mb2.6, mpv2.4, Error ellipse: s-maj=24.2km s-min=6.3km az=77.0, Suspected Mining explosion.

ICD 22:07:17:00.2:1.4, 50.08N:78.76E, h0km, mbtmp2.7/2, ML2.0/1, Error ellipse: s-maj=11.6km s-min=10.2km az=63.0

ISC 22:07:16:56.9:4.6, 50.05N:0.05:78.0E:0.4, h0km, n7, 0.053/10, 4C, Eastern Kazakhstan

Main table for 2020 DEC section, listing station names, coordinates, and seismic data for various stations like Kurchatov Arr, Kurchatov Arr, ASAR, etc.

ICD 22:07:21:32.4:1.6, 2.31N:67.18E, h0km, mb4.0/7, mbtmp4.0/7, M3.5/27, Error ellipse: s-maj=59.5km s-min=23.7km az=53.0

NEIC 22:07:21:35.6:1.3, 2.6N:0.1:67.5E:0.1, h10km, 1km, mb4.3/9, Error ellipse: s-maj=30.3km s-min=8.5km az=226.0

ISC 22:07:21:34.2:1.4, 2.4N:0.3:67.4E:0.2, h10km, n50, 0.1508/20, mb4.2/10, MS3.4/26, Carlsberg Ridge

Main table for 2020 DEC section, listing station names, coordinates, and seismic data for various stations like Kaam Kaadhehdoo, Palleke, etc.

1050

Table with columns: PSI, Prapat, 31.49 89, LR, 07 38 01.6

Table with columns: CMAR, Chiang Mai Arr, 34.76 61, LR, 07 41 33.0

Table with columns: MBRAR, Mbarara, 36.78 266, LR, 07 41 41.5

Table with columns: EIL, Eliat, 41.02 315, LR, 07 44 36.6

Table with columns: ASF, Jabal al Asfar, 41.24 319, LR, 07 45 21.4

Table with columns: LSZ, Lusaka, 42.60 244, LR, 07 44 39.2

Table with columns: GNI, Garmi, 42.80 334, LR, 07 47 44.8

Table with columns: MATP, Matopo, 44.39 237, LR, 07 44 17.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

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Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

Table with columns: MKAR, Makanchi Array, 46.05 14, P, 07 29 59.0 +0.8

1051

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Mina Array, Indian Mount, Lajitas Array, etc.

SDD 22:07:30.36.5-1.1, 18.12N:71.34W, h0km, 87km, MD2.4, ML1.7, MW2.6, Presumed earthquake

OSPL 22:07:30.36.5-1.1, 18.12N:71.34W, h8km, 5km, ML2.0, Presumed earthquake

ISC 22:07:30.36.2-1.1, 18.13N:0.03:71.35W, 0.04, h7km, 8km, n11, c0975/20, 10C-1D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Polo, El Esparrillar, El Cajui, etc.

IDC 22:07:38:07.5-1.0, 32.08S:72.10W, h0km, mb4.2/3, mbmp3.9/7, ML3.8/4, Error ellipse: s-maj=25.5km s-min=15.7km az=141.0

SJA 22:07:38:11.9-0.8, 32.31S:71.78W, h41km, 17km, ML3.9, MW4.1

GUC 22:07:38:12.4-0.9, 32.31S:71.54W, h29km, 5km, ML3.7, Presumed earthquake

NEIC 22:07:38:14.0-1.6, 32.30S:0.04:71.69W, 0.09, h35km, 3km, mb4.1/4, ML3.7(GUC), Error ellipse: s-maj=10.8km s-min=5.4km az=89.0

ISC 22:07:38:10.3-1.2, 32.28S:0.02:71.68W, 0.03, h9km, 8km, n131, c1554/160, mb4.2/5, 3C-12D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Los Peladeros, Torpederas, San Esteban, Curacav, Peidehue, Combarbal, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Santo Domingo, Hacienda Santa Cero Calin, CCHEN, Universidad Ad, etc.

22d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Panimavida, El Transito, San Rafael, Cantantal, GUANDACOL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GO01, PB11, AF01, etc.

GUC 22 07:46:47.1-0.8,19:91S:69.77W,h65km,3km,ML3.1, Presumed earthquake,Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB11, PSGX, TA02, etc.

ISK 22 07:53:33.6,37.94N:27.11E,h2km,ML2.9/36 THE 22 07:53:34.2,38.1N:1.27E,h12km,2km,ML2.8/6, MLh2.8/6

AFAD 22 07:53:34.2,37.95N:27.12E,h7km,2km,ML2.8 ISC 22 07:53:34.2,37.94N:0.02-27.10E:0.02,h11km,7km, n52,c0567/1,Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUSD, GMLD, GAMD, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOMA, DAT, YAYO, etc.

ISC 22 08:05:41.0-1.8,37.00N:0.7172E:0.1,h100km,n10, @120/13,2C-1D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, AAK, AAK, etc.

ISC 22 08:18:01.7-2.2,6.46S:129.15E,h0km,mb3.3/1, mbmp3.2/3,ML3.4/2,MS2.6/1, Error ellipse: s-maj=143.9km s-min=28.1km az=67.0,Banda Sea

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

HEL 22 08:20:06.0-2.0,3.67:82N:20.07E,h0km,ML1.2,Suspected explosion

UPP 22 08:20:06.7-0.0,67.82N:20.22E,h0km,ML2.8,Confirmed Induced event

ISC 22 08:20:06.0-0.8,67.79N:0.02-20.34E:0.03,h0km,n25, r193/41,Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RATU, KOVU, NIKU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLF, KTK1, KALU, etc.

IDC 22 08:26:58.9-1.0,38.84S:92.30W,h0km,mb3.8/6, mbmp3.8/7,ML3.3/1,MS3.9/40, Error ellipse: s-maj=28.8km s-min=26.2km az=78.0

GFZ 22 08:27:00.2-0.8,37.78S:92.39W,h10km,Mw4.7/15, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; M1:0.22; M2:0.00; M3:0.22; M4:0.16; M5:1.32; M6:0.11; Fault plane solution: M1:35248x10^16 NP1: 272.32205; 887.43880; 173.52139. NP2: 2.61279; 883.52789; 12.57764. Principal axes: T 1.4568, Plg6.3904, Azm227.3121; N -0.2411, Plg83.0355, Azm70.8417; P -1.2157, Plg2.7574, Azm317.6212; GFZ 22 08:27:00.2-0.4,39.5S:9.2W,h10km,M4.4/13, Com 22 08:27:00.0-0.4,39.06S:0.02-92.30W:0.02,h12km, Mw4.8/5, Moment Tensor Solution. s15,c15; s85,c15; DURATION: 0. Moment tensor: Scale 10^16Nm; M1:0.17; M2:0.32; M3:0.07; M4:0.15; M5:0.06; M6:0.69; M7:0.18; M8:1.74; M9:0.04; M10:0.29; M11:0.18; Best double couple: M1:8890x10^16 NP1: 2.7100, Plg9.0000, Azm227.0000; N 0.3580, Plg70.0000, Azm111.0000; P -2.0680, Plg18.0000, Azm320.0000; nsta1 refers to nsta1 waves, cutoff=40s. nsta2 refers to nsta2 waves, cutoff=50s. Surface-wave location Triangulation method: rate function

ISC 22 08:27:00.1-0.9,38.85S:92.33W:0.1,h10km,n78, @193/35,mb4.2/14,MS3.9/38,2C-1D,West Chile Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H03S2, H03S1, LL05, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, TUC Tucson, AFI Afiamatu, etc.

IDC 22 09:01:36.11.3, 30.06Sx178.17W, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=38.9km s-min=19.7km az=110.0

ISC 22 09:01:32.21.5, 28.7Sx0.2x176.8W, 0.2, h35km, n6, r1917.0, mb3.6/3, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

OSPL 22 09:24:11.5.1.1, 18.14N; 71.33W, h9km, 4km, ML2.4, Presumed earthquake

SDD 22 09:24:11.9.2.3, 18.11N; 71.38W, h0km, 68km, MD2.5, ML2.1, MW2.5, Presumed earthquake

ISC 22 09:24:11.6.1.2, 18.13N; 0.03; 71.36W, 0.03, h6km, 9km, n11, r080/21, 12C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PODR Polo, LOVI Ovi, NEDR Neiba UASD, etc.

THE 22 09:38:03.8, 38.14N; 4.27E, h15km, 3km, M2.6/4, MLh2.6/4

AFAD 22 09:38:03.4, 37.87N; 26.91E, h9km, 1km, ML2.2

ISK 22 09:38:04.1, 37.89N; 26.95E, h6km, ML2.3/23

ISC 22 09:38:03.7, 0.3, 37.88N; 0.02; 26.92E; 0.02, h15km, 6km, n43, r0547/63, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DGB zmir, DGB zmir, BANI BANI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GCAM G?zelcam!, BEYE izmir, BEYE izmir, etc.

IDC 22 09:39:20.3, 1.0, 0.49S; 125.13E, h0km, mb3.9/7, mbtmp3.9/8, ML4.3/1, MS2.8/4, Error ellipse: s-maj=25.6km s-min=17.1km az=94.0

NEIC 22 09:39:23.9, 1.8, 0.66S; 0.10; 125.11E; 0.07, h41km, 4km, mb4.2/7, Error ellipse: s-maj=14.0km s-min=10.0km az=75.0

DJA 22 09:39:28.7, 0.4, 0.5S; 12.5E, h10km, M4.2/11, ML4.2/11

ISC 22 09:39:25.0, 0.7, 0.78S; 0.06; 125.25E; 0.07, h50km, n31, r254/29, mb4.0/9, Southern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMSI Cibinong, KMSI KMSI, LUWI Luwuk, etc.

HEL 22 10:42:48.1, 0.3, 67.64N; 20.70E, h0km, ML1.4, Explosion, Sweden

HEL 22 10:41:40.5, 67.63N; 33.87E, h0km, ML1.7, Error ellipse: s-maj=5.6km s-min=1.7km az=160.0, Kibiny, mines Rasumvorcher, Central

HEL 22 10:41:40.8, 0.5, 67.74N; 33.72E, h0km, ML1.6, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMSI Cibinong, LUWI Luwuk, etc.

HEL 22 10:42:48.1, 0.3, 67.64N; 20.70E, h0km, ML1.4, Explosion, Sweden

HEL 22 10:41:40.5, 67.63N; 33.87E, h0km, ML1.7, Error ellipse: s-maj=5.6km s-min=1.7km az=160.0, Kibiny, mines Rasumvorcher, Central

HEL 22 10:41:40.8, 0.5, 67.74N; 33.72E, h0km, ML1.6, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMSI Cibinong, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, MKAR Makanchi Array, MKAR Makanchi Array, etc.

IDC 22 10:00:28.1, 2.6, 64.79N; 31.06E, h0km, mbtmp3.1/4, ML2.2/4, Error ellipse: s-maj=32.6km s-min=12.9km az=100.0

KOLA 22 10:00:29.1, 64.82N; 30.87E, h0km, ML2.6, Error ellipse: s-maj=19.3km s-min=12.0km az=160.0, Kostomuksha, Karelia

IGKR 22 10:00:29.0, 0.8, 64.73N; 0.04; 30.7E; 0.5, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

ISC 22 10:00:28.4, 1.4, 64.89N; 0.05; 30.60E; 0.08, h0km, n15, r081/19, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOF Joensuu, APAO Apatity Array, LVA Lovozero, etc.

KOLA 22 10:41:40.5, 67.63N; 33.87E, h0km, ML1.7, Error ellipse: s-maj=5.6km s-min=1.7km az=160.0, Kibiny, mines Rasumvorcher, Central

HEL 22 10:41:40.8, 0.5, 67.74N; 33.72E, h0km, ML1.6, Suspected explosion, Baltic States-Belarus-Northwestern Russia

HEL 22 10:42:48.1, 0.3, 67.64N; 20.70E, h0km, ML1.4, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like APA Apatity, APAO Apatity Array, LVA Lovozero, etc.

HEL 22 10:42:48.1, 0.3, 67.64N; 20.70E, h0km, ML1.4, Explosion, Sweden

HEL 22 10:41:40.5, 67.63N; 33.87E, h0km, ML1.7, Error ellipse: s-maj=5.6km s-min=1.7km az=160.0, Kibiny, mines Rasumvorcher, Central

HEL 22 10:41:40.8, 0.5, 67.74N; 33.72E, h0km, ML1.6, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KOVU Salmi, LANU Lannavaara, LANU Lannavaara, etc.

22d 11h

Table with columns: KALU, Kalix, baz, 2.08 148, PG, Pb, 10 43 25.6 -1.0, etc.

IDC 22 10:43:42.4±2.9, 18.99S:176.30W, h0km, mb4.1/4, mbtmp4.1/4, Error ellipse: s-maj=81.3km s-min=47.7km az=33.0

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

IDC 22 10:46:14.8±0.7, 3.58S:77.91W, h0km, mb3.8/8, mbtmp3.9/12, ML3.8/4, MS3.3/7, Error ellipse: s-maj=26.8km s-min=11.4km az=84.0

NEIC 22 10:46:20.1±1.2, 3.74S:0.08W, 77.75W±0.09, h51km, gkm, mb4.5/5.0, Error ellipse: s-maj=14.8km s-min=8.6km az=55.0

GFZ 22 10:46:21.7±0.2, 4.1S:5.7W±0.1, h67km, M4.5/13, mb4.5/13, confirmed

IDC 22 10:46:20.0±0.5, 3.66S:0.05W, 77.60W±0.08, h50km, n95, α139/76, mb4.5/33, MS3.1/5, Peru-Ecuador border region

Main table for 22d 11h section, listing various stations like COHC Cochancay, SLOR San Lorenzo, etc.

2020 DEC

Table with columns: LLO4, Puerto Octay, 37.37 174, P, P, 10 53 26.6 -1.3, etc.

IDC 22 10:52:23.1±2.2, 49.16N:156.81E, h166km, 43km, M14.0, Kuril Islands

Main table for 2020 DEC section, listing various stations like SKR Severo-Kuril's, PAU Pauzhetka, etc.

IDC 22 11:26:39.2±1.7, 50.36N:73.88E, h0km, mbtmp2.6/4, ML1.9/4, 3D, Error ellipse: s-maj=25.1km s-min=11.1km az=29.0, Central Kazakhstan

Main table for 22d 11h section, listing various stations like KURBB Kurchatov Arra, BVAR Borovoye Array, etc.

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ZALV ZALESOVO INFRA 7.33 62, AML, AML, 12 10 20.0

NOU 22 11:36:45.6, 43:55S:172:80E, h17km, MLv4.0/11, South Island, New Zealand

WEL 22 11:36:46.2, 43:53S:172:70E, ML3.7, Mw3.4, Moment Tensor Solution. Moment tensor: Scale 10^4Nm;

IDC 22 11:36:45.7±0.8, 43:55S:0.02W, 172:77E±0.03, h166km, 43km, n140, α08/7155, South Island

Main table for 1054 section, listing various stations like SUTMS Sumner, RCBS Redcliffs Bore, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like DUWZ, PAWZ, JCZ, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like NEIC, IDG, ISC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like SJES, KPRO, KRCR, etc.

IDG 22 11:38:41.6, 2.9, 6.26S, 130.10E, h108km, m3.6/3, mbtmp4.07, Error ellipse: s-maj=7.3km s-min=20.7km az=89.0

PDG 22 11:57:40.9, 0.1, 41.58N, 20.83E, h4km, ML3.3/13, Error ellipse: s-maj=0.1km s-min=0.2km az=0.0

JMA 22 12:05:39.5, 0.1, 24.1N, 122.4E, h29km, MV2.5/9, TAIWAN REGION

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like SHJ, FITZ, WRA, ASAR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like PPH, OHR, SKO, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like MPEP, PAIG, KRNZ, etc.

NNC 22 11:52:18.6, 6.2, 51.51N, 82.03E, h0km, mb2.9, mpv2.4, Error ellipse: s-maj=61.8km s-min=26.4km az=11.0

SKO 22 11:57:43.6, 41.60N, 20.86E, h1km, ML3.3

WATA 22 12:05:39.5, 0.1, 24.1N, 122.4E, h29km, MV2.5/9, TAIWAN REGION

ASRS 22 11:52:19.0, 1.9, 51.34N, 82.01E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 22 11:57:44.6, 41.60N, 20.95E, 0.02, h8km, 7km, MD3.3/6

WTTA 22 12:05:39.5, 0.1, 24.1N, 122.4E, h29km, MV2.5/9, TAIWAN REGION

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like KURK, KURBB, KURBB, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like BCI, KBN, KBN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like WATA, SQTA, MOTA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWD Chiawan, NACB Ninganchiao, ESAC Su ao, TWC Suao, SHUL Shoufeng, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, SDR Sedlovina, etc.

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

Table with columns: Station Name, Time, Magnitude, Phase, Location, and other parameters. Includes stations like QRAW, RCY, BECE, AKK1, etc.

Table with columns: Station Name, Time, Magnitude, Phase, Location, and other parameters. Includes stations like Kziot, Mount Ramon, Paran, etc.

Table with columns: Station Name, Time, Magnitude, Phase, Location, and other parameters. Includes stations like CO02, CO03, VA05, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H03N1, H03N2, H03S1, etc.

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

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

UCR 22 12:46:14.7±0.7, 10.67N-85.33W, h79km±4km, MW3.5, Presumed earthquake
CATAC 22 12:46:15.9±0.3, 11.1°N x 8.5°W, h54km±4km, M3.0/1.4, MLv3.0/1.4, Error ellipse: s-maj=6.9km s-min=2.7km az=46.1, confirmed
ISC 22 12:46:15.9±1.4, 10.61N-0.04-85.36W±0.05, h74km±6km, n43, ±0.975/56, Costa Rica

22d 13h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like WMO, SKR, PETK, ZSN, YAK, MAKZ, etc.

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Table with columns for station call letters, frequency, power, and signal strength. Includes stations like KBL, DZA, KKK1, IUG, TIXI, etc.

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Table with columns for station call letters, frequency, power, and signal strength. Includes stations like OBN, BCAR, ARPR, I28M, DAWY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like PPT2 Papeete, PPT2 comp=Z,477nm,33.2s, PPT2 comp=Z,220nm,22.0s, etc.

IDC 22 14:00:30.3, 1.2, 4.41'S, 101.04'E, h0km, mb4.3/13, mbmp4.3/14, ML3.9/1, MS3.5/4, Error ellipse: s-maj=42.2km s-min=15.7km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like LWLI Liwa, LWLI Liwa, MDSI Maura Dua, MDSI Maura Dua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like SONM Songino Array, SONM Songino Array, ULN Ulanbaatar, ULN Ulanbaatar, etc.

22d 16h

RPZ Rata Peaks 13.93 218 Pn Pn 14 22 11.3 -0.6
RPZ 0.3nm,0.3s,baz=62,slow=16,SNR=11
Sn Sn 14 24 31.6 -14

ASAR Alice Springs 43.64 270 P P 14 27 00.5 +2.0
WRA Warrungunga Arr 44.88 275 P P 14 27 10.0 +1.6
FINES FINES Array B 147.95 339 PKPb PKPab 14 38 42.1 +1.6

IDC 22 14:30:24.1±1.1,6.02S:128.26E,h398km,56km,mb2.9,
mbtmp3.8/5,Error ellipse: s-maj=72.3km s-min=17.1km
az=76.0, Banda Sea

Code Station Name Δ° AZ° Phase ID Time Res
SUJI 4.8nm,0.5s,baz=173,slow=1.1,SNR=7.5
SUJI 3.8nm,0.3s,baz=253,slow=23,SNR=2.2
WRA Warrungunga Arr 15.05 157 P P 14 33 37.5 +0.2

ASAR Alice Springs 18.37 163 P P 14 34 12.6 -0.2
CMAR Chiang Mai Arr 37.76 311 P P 14 37 05.2 +0.8
MKAR Makanchi Array 66.47 327 P P 14 40 31.6 -0.8
IDC 22 14:32:59.4±1.6,1.26N:126.47E,h0km,mb3.6/4,
mbtmp3.6/5,ML3.8/1,Error ellipse: s-maj=121.5km
s-min=20.7km az=69.0

Code Station Name Δ° AZ° Phase ID Time Res
TNTI Ternate 1.16 114 P Pn 14 33 24.4 -1.3
TNTI Ternate 1.16 114 P Pn 14 33 26.8 +1.0

ASAR Alice Springs 25.83 164 P P 14 38 32.7 -1.3
CTAO Charters Tower 28.84 138 P P 14 38 59.4 -1.6
MKAR Makanchi Array 59.36 326 P P 14 43 03.8 -0.7

Code Station Name Δ° AZ° Phase ID Time Res
WSI Waingapu 0.30 107 P Pn 14 52 34.4 +3.5
WSI Waingapu 0.30 107 P Pn 14 52 43.1 +6.6

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BBSI Bau Bau 4.80 32 P Pn 14 53 34.5 +1.7
IBSI BBSI 14 54 29.2 +1.6
JAGI Denpasar 4.86 279 P Pn 14 53 34.3 +0.7

WRA Warrungunga Arr 44.88 275 P P 14 27 10.0 +1.6
FINES FINES Array B 147.95 339 PKPb PKPab 14 38 42.1 +1.6
IDC 22 14:30:24.1±1.1,6.02S:128.26E,h398km,56km,mb2.9,
mbtmp3.8/5,Error ellipse: s-maj=72.3km s-min=17.1km
az=76.0, Banda Sea

MDD 22 14:59:09.8±0.8,28.25N:16.69W,h11km,4km,
mb_L71.3/12,Error ellipse: s-maj=4.8km s-min=3.8km
az=171.0, Canary Islands region

Code Station Name Δ° AZ° Phase ID Time Res
GUIA Guia de Isora, 0.03 258 P Pn 14 59 11.7
GUIA Guia de Isora, 0.03 258 P Pn 14 59 11.3 -0.8

ASAR Alice Springs 25.83 164 P P 14 38 32.7 -1.3
CTAO Charters Tower 28.84 138 P P 14 38 59.4 -1.6
MKAR Makanchi Array 59.36 326 P P 14 43 03.8 -0.7
IDC 22 14:52:24.1±0.2,1.02S:121.00E,h58km,5km,M4.0/26,
ML4.0/26
IDC 22 14:52:22.1±1.6,9.58S:004:120.01E±0.03,h26km,15km,
n38,±191/46,mb4.0/3,Sumba region

Code Station Name Δ° AZ° Phase ID Time Res
THIG THIG 0.76 27 P Pn 15 52 10.9 +2.0
THIG THIG 0.76 27 P Pn 15 52 20.1 +1.0

Code Station Name Δ° AZ° Phase ID Time Res
ILAR Eielson Array 84.02 18 P Pn 16 14 09.0 +1.6
ILAR Eielson Array 84.02 18 P Pn 16 14 09.4 -1.6
BCAR Beaver Creek A 84.54 21 P Pn 16 14 08.3 -1.9

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mb4.3/7,Error ellipse: s-maj=19.6km s-min=12.5km
az=84.0
NOU 22 15:52:21.0±1.5,15.15S:167.46E,h124km,MLV4.6/16,
Vanuatu Islands
ISC 22 15:52:20.7±1.5,15.05S:01:167.6E±0.1,h150km,n23,
±193/24,mb4.0/6, Vanuatu Islands

Code Station Name Δ° AZ° Phase ID Time Res
SANVU Saraoutou 0.59 221 P Op ISC
SANVU Saraoutou 0.59 221 S Pn Pn 15 52 55.2 -3.9

IDC 22 16:01:54.3±1.1,11.8S:01:166.9E±0.2,h159km,10km,
mb4.3/14,Error ellipse: s-maj=22.6km s-min=14.8km
az=76.0
IDC 22 16:01:59.9±1.1,12.05S:166.58E,h193km,89km,mb3.6/6,
mbtmp4.1/7,Error ellipse: s-maj=73.7km s-min=24.6km
az=156.0
ISC 22 16:01:54.2±0.9,11.92S:009:166.8E±0.1,h150km,n25,
±193/24,mb4.2/12,Santa Cruz Islands

Code Station Name Δ° AZ° Phase ID Time Res
SANVU Saraoutou 3.53 173 P Op ISC
SANVU Saraoutou 7.15 290 P Pn Pn 16 02 50.4 +2.0

Code Station Name Δ° AZ° Phase ID Time Res
CTAO Charters Tower 21.32 245 P P 16 06 30.1 +0.7
CTAO Charters Tower 21.32 245 P P 16 06 29.9 +0.5
ARMA Armadale 23.15 215 P P 16 06 47.7 +0.1

Code Station Name Δ° AZ° Phase ID Time Res
ILAR Eielson Array 84.02 18 P Pn 16 14 09.0 +1.6
ILAR Eielson Array 84.02 18 P Pn 16 14 09.4 -1.6

Code Station Name Δ° AZ° Phase ID Time Res
GLKZ Green Lake 4.24 8 P Pn 16 35 58.7 +0.8
GLKZ Green Lake 4.24 8 P Pn 16 36 45.4 -0.9

Code Station Name Δ° AZ° Phase ID Time Res
WEL 22 16:34:55.6±0.8,33.3S:7°17'9W±1.6,h33km,M4.3/13,
mb4.8/7,ML4.3/4,MLV4.5/13,Mw(MB)4.1/7,Error ellipse:
s-maj=22.6km s-min=4.3km az=109.7,South of
Kermadec Islands

Table with columns: RTZ, Station Name, Time, Res, P, Phase ID, ISC, h, m, s, ISC, Res. Includes stations like Ruatahuna, Kokohu, Waipu Caves, Arahai, Maungataniwha, Naumai, Te Maari, North Tongarir, etc.

ICC 22 16:35:21.4:15.0,44:14N:146.10E,h0km,mb3.8/5, mbmp3.8/5, Error ellipse: s-maj=383.6km s-min=126.8km az=165.0

JMA 22 16:35:33.7:0.2,43:8N:0.6:14.6E, h110km,1km, MV3.4/38, NEAR KUNASHIRI ISLAND

SKHL 22 16:35:34.0:1.4,43:80N:146.10E,h104km,3km,mb5.0/4, msha5.7/4

NEIC 22 16:35:34.5:1.8,43:67N:0.10:145:77E:0.06, h117km,9km,mb4.1/15, Error ellipse: s-maj=15.3km s-min=1.7km az=158.0

ISC 22 16:35:37.0:0.7,43:76N:0.06:145:98E:0.05, h114km,5km, n47,r126/56,mb4.0/13,Hokkaido region

Main table for the left page containing station codes, names, and seismic data. Includes stations like Yuzh-Kuril'sk, Nemuro 2, Nemuro-Hokkai, Shikotan, Rausu, Nemuroshibetsu, Kushirohama, etc.

JMA 22 17:03:40.5:0.1,37:2N:0.1:141:3E:0.2,h5km,MV1.2/10, E OFF FUKUSHIMA PREF,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, P, Phase ID, ISC, h, m, s, ISC, Res. Includes stations like Fukushimafuru, Kawauchi, Iwakimizuishi, Fukushimafuru, etc.

ICC 22 17:04:03.0:3.6,37:14N:141.32E,h0km,mb3.9/18, mbmp3.9/23,ML3.1/6,MS3.6/47, Error ellipse: s-maj=13.7km s-min=11.0km az=110.0

JMA 22 17:04:04.9:0.1,37:2N:0.2:141:3E:0.3,h8km,1km, MD4.6/40,MV4.1/40, E OFF FUKUSHIMA PREF

JMA Felt J1 at E OFF FUKUSHIMA PREF. NIED 22 17:04:04.9:37:18N:141:32E,h8km,MW4.3,Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm

Mn:-2.94; Mw:1.11; Mx:1.83; My:0.94; Mz:1.84; Mv:0.08; Fault plane solution: M3.29000x1015 NP1:az=26.00000, delta1.00000, lambda-11.00000. NP2:az=233.00000, delta2.00000, lambda-73.00000

BUJ 22 17:04:07.7:37:10N:141:36E,h55km,mb4.8/7,mb4.3/28, Okura 4.3/16, M5.7 4.31 3.95 A

NEIC 22 17:04:07.1:5.3,37:23N:0.05:141:28E:0.09,h29km,1km, mb4.8/32, Error ellipse: s-maj=10.7km s-min=7.0km az=119.0

ISC 22 17:04:04.3:1.6,37:18N:0.04:141:38E:0.06,h10km,6km, n180,r153/7115,mb4.5/37,MS3.7/45,1C,Near east coast of eastern Honshu

Main table for the middle page containing station codes, names, and seismic data. Includes stations like Kawauchi, Iwakimizuishi, Fukushimafuru, Minamisomata, Marumori, Hitachi, etc.

Main table for the right page containing station codes, names, and seismic data. Includes stations like Shenyang, Beijing, XiLinHaoTe, HongShan, Magadan, Wuhao, etc.

22d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I30M Mount Dempster, GSI Gunungsitoli, KNRA Kununurra, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ROSI Rosskopf, WATA Walderalm, ABSI Aberstueckl, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBA Koelnbreinsper, KWB Garching a.d. Villanova, VINO, etc.

IDC 22 17:22:49.5:54.0, 15.83S: 172.14W, h0km, mb4.2/3, mbtmp4.2/3, Error ellipse: s-maj=1041.0km s-min=194.7km az=80.0

NEIC 22 17:23:57.3:1.2, 17.45S:0.2:173.9W:0.2, h54km, 12km, mb4.3/11, Error ellipse: s-maj=30.2km s-min=20.5km az=127.0

ISC 22 17:23:53.4:3.5, 17.7S:0.2:173.6W:0.4, h500km, n17, a1957/12, mb4.1/9, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSFV Nonasavu, FUNA Funafuti, MSWZ Moikau Station, etc.

IDC 22 17:25:31.1:2.6, 32.50N:49.59E, h0km, mb3.9/10, mbtmp3.9/14, ML3.5/4, MS3.0/2, Error ellipse: s-maj=54.0km s-min=15.0km az=169.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMIS Naft Sefid, JHBN Jahan bin, IBRJ Brojen, etc.

Table with columns: ICOM, Qom, 2.63 29 Pn, Pn, 17 26 16.5 +0.4, etc. Includes stations like KCHF, ISFB, HGHA, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like Springs Juncti, Inangahua Fire, Denniston Nort, etc.

Table with columns: KHZ, Kahutara, 1.23 103 P, Pg, 17 33 04.0 +0.1, etc. Includes stations like Waitaha Valley, Quartz Range, Mount Hutt, Nelson, etc.

Table with columns: GSPA, South Pole Qui, 47.98 180 P, P, 17 41 21.2 +1.9, etc. Includes stations like South Pole Qui, ARCES ARCES Array B, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like ASAJ, Asahikawa, Kamikawa-asahi, Baotou, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like SOMM, Songino Array, Gaotai, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like IPM, lph, Rantau Prapat, etc.

22d 18h

Table with columns for call sign (BILL), frequency (comp-Z), power (Pmax), and position (pmax). Rows include stations like KSH2, KNRA, KBK, etc.

2020 DEC

Table with columns for call sign (AKBAR, ARTI, AKTO, etc.), frequency (5495, 5497, etc.), power (312, 25, etc.), and position (P, Iamb, etc.). Rows include stations like Red Dog Mine, Aktuynisk, etc.

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Table with columns for call sign (KIV, KIV, KIV, etc.), frequency (comp-Z, 250nm, etc.), power (67.69, 67.69, etc.), and position (eP, pmax, etc.). Rows include stations like Kislodovsk, Guroymak-BITLI, etc.

Table with columns: MLR, Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like Muntele Rosu, Ojcow, ILOIL, etc.

2020 DEC

Table with columns: NVAR, Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like Mina Array, YHB, VAE, etc.

22d 19h

Table with columns: BNGB, Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like Bingli, Hafik-SIVAS, etc.

TEH 22:18:59:26.4, 3.37:11N, 45.62E, h10km, 3.7km, ML2,8, Presumed earthquake

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like ILBA, IBDR, IGHG, etc.

IDC 22:19:30:38.9, 1.2, 46.38N, 153.24E, h0km, mb3.2/5, s-min=17.9km az=141.0

SKHL 22:19:30:44.5, 0.2, 46.70N, 153.00E, h70km, 4km, mb4.6/6, JMA 22:19:30:46.9, 1.1, 46.70N, 153.00E, h30km, MV4.2/1.4

KURILE ISLANDS REGION IDC 22:19:30:43.8, 1.0, 46.5N, 0.1x153.1E:0.1, h40km, n29, e2=0.3/0, mb3.1/4, Kuril Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like KUR, SKR, SHO, etc.

IDC 22:18:35:37.4, 4.8, 6.05S, 130.36E, h142km, 64km, mb3.2/1, mbtmp3.4/4, MS3.0/1, Error ellipse: s-maj=129.7km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like SIJI, WRA, ASAR, etc.

ISK 22:18:54:34.6, 3.8, 25N, 38.69E, h5km, ML2.7/19 AFAD 22:18:54:35.8, 3.8, 25N, 38.74E, h7km, ML2.6

ISC 22:18:54:35.9, 1.0, 38.27N, 0.03x38.73E:0.02, h11km, 10km, n28, c=0.92/34, Turkey

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like MAYA, ELZG, NARI, etc.

H11N2 WAKE ISLAND HY 29.02 152 T T 20 08 04.1 H11N1 WAKE ISLAND HY 29.03 152 T T 20 08 08.4

H11N3 WAKE ISLAND HY 29.04 152 T T 20 08 05.4 H11S1 WAKE ISLAND HY 30.11 154 T T 20 09 46.2

H11S3 WAKE ISLAND HY 30.11 154 T T 20 09 30.3 H11S2 WAKE ISLAND HY 30.12 154 T T 20 09 21.0

KURBB Kurchatov Arra 47.57 304 P P 19 39 17.1 +9.9 YKA Yellowknife Ar 51.12 37 P P 19 39 43.0 +0.9

ASAR Alice Springs 71.98 198 P P 19 42 03.6 +0.5 TXAR Lajitas Array 77.62 60 P P 19 42 37.4 +1.4

SDD 22:19:47:58.7, 2.4, 18.16N, 71.46W, h4km, 35km, MD3.0, ML2.4, MW2.7, Presumed earthquake

OSPL 22:19:47:59.4, 1.4, 18.27N, 71.39W, h1km, 50km, ML2.3, Presumed earthquake

ISC 22:19:47:58.9, 1.1, 18.23N, 0.03x71.41W:0.03, h7km, 9km, n10, c=15.00/21, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like LODU, PODR, etc.

Table with columns: PODR, eSg, Sg, Time, Res. Rows include: 19 48 04.7 +0.6, 19 48 05.5, 19 48 01.3 -0.7, 19 48 04.4 +0.7, 19 48 03.3 +0.6, 19 48 08.6 +1.4, 19 48 08.9 +1.7, 19 48 05.6 -0.7, 19 48 10.8 -0.4, 19 48 14.6 -0.9, 19 48 07.7 +0.5, 19 48 14.6 -0.9, 19 48 19.0, 19 48 07.4 +0.1, 19 48 14.5 -1.1, 19 48 21.3, 19 48 08.0 -0.4, 19 48 15.9 +1.1, 19 48 20.0, 19 48 15.9 -1.1, 19 48 31.4 +0.8, 19 48 41.1, 19 48 18.1 -0.2, 19 48 33.4 +1.0, 19 48 35.4.

NNC 22 19:55:52.5±11.0, 37.02N;70.66E, h176km, 179km, mb2.4, mpv3.0, Error ellipse: s-maj=110.7km s-min=54.4km az=6.0

IDC 22 19:55:53.1±8.5, 37.23N;70.52E, h122km, 51km, mb3.0/2, mbtmp3.57, MS2.2/1, Error ellipse: s-maj=86.3km s-min=39.2km az=173.0

ISC 22 19:55:44.5±1.0, 36.59N;0.007;70.8E±0.1, h150km, n19, c2549/29, 2C, Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include: SRNI Srinagar 4.16 126 Op S, JMU Jammu 5.06 137 eP Pn, ALCI Alchi Leh 5.75 112 eP Pn, DHRM DHARAMSHALA 6.30 132 eP Pn, KK31 Karatay Array 6.51 358 P Pn, AAK Ala-Archa 6.70 24 P Pn, AAK Ala-Archa 6.70 24 P Pn, SMLA Simla 7.61 134 eP S, UTK UTTARKASHI 8.66 130 eP Pn, JOSI Joshimath 9.48 127 eP Pn, MK31 Makanchi Array 13.34 37 P Pn, MKAR Makanchi Array 13.34 37 P Pn, AB31 Akbulat array 14.92 331 P Pn, KURBB Kurchatov Arr 15.10 19 P Pn, AKTO Aktyubinsk 16.61 330 P Pn, ZALV Zalesovo Beam 19.92 25 P Pn, NOA NORAD Array B 44.20 323 P Pn, YKA Yellowknife Arr 81.17 3 P Pn

IDC 22 20:04:39.1±1.1, 31.86N;94.80E, h0km, mb3.5/4, mbtmp3.4/8, ML3.2/3, MS2.9/3, Error ellipse: s-maj=52.9km s-min=16.6km az=64.0

ISC 22 20:04:40.9±1.0, 31.9N;0.1;94.8E±0.1, h10km, n10, c6562/9, mb3.6/4, Xizang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include: CD2 Chengdu 7.69 95 Pg Pn, CMAR Chiang Mai Arr 13.89 164 Pn Pn, MKAR Makanchi Array 17.72 331 P Pn, SONM Songino Array 18.19 26 P Pn, AAK Ala-Archa 19.37 309 P Pn, ZALV Zalesovo Beam 23.18 345 P Pn, WRA Warramunga Arr 63.95 138 P Pn, ASAR Alice Springs 66.70 141 P Pn

MOS 22 20:27:21.1±1.3, 36.96N;14.40E, h18km, mb4.7/30, Error ellipse: s-maj=5.9km s-min=3.4km az=68.7

NEIC 22 20:27:23.4±2.1, 36.96N;0.04;14.41E±0.07, h23km, 4km, mb4.5/64, Error ellipse: s-maj=7.9km s-min=5.1km az=107.0

TUN 22 20:27:23.8, 36.85N;14.40E, h10km, MD4.6

ROM 22 20:27:24.3±0.1, 36.932N;0.005;14.412E±0.007, h30km, ML4.6/200, Mw4.4, Error ellipse: s-maj=0.6km s-min=0.5km az=22.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:0.83; M0:0.60; M0:0.23; M0:0.27; M0:4.49; Mw:1.87; Fault plane solution: Mw:4.88234x10^15 NP1:0.182;00000;0.87;00000;0.124;0.00000; NP2:0.91;00000;0.86;00000;0.177;00000;0.72;00000;0.36;92N;14.37E; h26km, Mw4.5, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M0:0.21±.70; M0:0.08±.47; M0:0.00±.56; M0:1.76±.50; M0:6.77±.25; M0:2.44±.58; Fault plane solution: Mw:7.37000x10^15 NP1:0.93;00000;0.72;00000;0.168;00000; NP2:0.359;00000;0.78;00000;0.19;00000; Principal axes: T 6.9200, Plg5.0000; Azm47.0000; N 0.9000, Plg68.0000; Azm148.0000; P -7.8200, Plg21.0000; Azm315.0000; IDC 22 20:27:25.8±1.4, 37.11N;14.35E, h33km, 9km, mb4.0/23, mbtmp4.2/35, ML4.1/10, MS3.4/37, Error ellipse: s-maj=12.6km s-min=9.6km az=166.0

MCSM 22 20:27:24.0, 36.92N;14.37E; h26km, Mw4.5, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M0:0.21±.70; M0:0.08±.47; M0:0.00±.56; M0:1.76±.50; M0:6.77±.25; M0:2.44±.58; Fault plane solution: Mw:7.37000x10^15 NP1:0.93;00000;0.72;00000;0.168;00000; NP2:0.359;00000;0.78;00000;0.19;00000; Principal axes: T 6.9200, Plg5.0000; Azm47.0000; N 0.9000, Plg68.0000; Azm148.0000; P -7.8200, Plg21.0000; Azm315.0000; IDC 22 20:27:25.8±1.4, 37.11N;14.35E, h33km, 9km, mb4.0/23, mbtmp4.2/35, ML4.1/10, MS3.4/37, Error ellipse: s-maj=12.6km s-min=9.6km az=166.0

GFZ 22 20:27:25.2±0.2, 37°N±2.1'5E±, h10km, M4.4/67, mb4.6/67

PDG 22 20:27:27.4±0.3, 37.17N;15.35E, h15km, 11km, ML4.4/12, Error ellipse: s-maj=14.2km s-min=4.1km az=90.0

GII 22 20:27:30.3±0.0, 36.815N;0.002;15.536E±0.001, h0km, Mw5.0, confirmed

NAO 22 20:27:40.3, 38.72N;15.40E, h33km, MB3.9

ISC 22 20:27:24.4±0.5, 36.94N;0.02;14.54E±0.02, h31km, 3km, m668, c2662/715, mb4.574, MS3.6/31, 97C-58D, Sicily

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include: ACATE Acate (RG) 0.10 340 Op S, HMDC Modica 0.19 83 Op Pn, RAFFO Rafo Rosso 0.32 333 Op Pn, ISPIC ISPICA 0.33 118 Op Pn, SSSY Sortino 0.48 63 Op Pn, HLNI Lentini 0.49 33 Op Pn, HPAC Pachino 0.52 117 Op Pn, VAE Valguarnera 0.53 349 Op Pn, CPTP Pietraprzepia 0.56 327 Op Pn, HAGA Augusta 0.60 54 Op Pn, AGST Augusta-Monte 0.64 59 Op Pn, CAGR Agira 0.69 357 Op Pn, ESML S. M. di Licod 0.73 21 Op Pn, GALT Gagliano Castagna 0.78 11 Op Pn, ENIC Nicolosi 0.79 29 Op Pn, RESU Resuttano 0.81 332 Op Pn, ESLS Serra La Nave 0.83 24 Op Pn, EVRN Santa Venerina 0.89 32 Op Pn

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include: EVRN Pizzo Felice 0.92 16 Op Pn, EMCN Etina Monte Con 0.94 24 Op Pn, EMMSG Monte Spagnolo 0.94 20 Op Pn, PETRA Petralia Sopra 0.96 339 Op Pn, MTE Mte Cammarata 1.00 314 Op Pn, CASTIGLIONE Castiglione 1.05 26 Op Pn, CSLB Castelbuono 1.07 339 Op Pn, WDD Wied Dalam 1.10 181 Op Pn, MSFR San Fratello 1.10 2 Op Pn, POLLINA Pollina 1.10 343 Op Pn, GIB Gibilmanna 1.13 339 Op Pn, MUCR Ucria 1.14 13 Op Pn, SCIAC Sciaccia 1.29 297 Op Pn, MPNC Port Mandanici 1.37 28 Op Pn, CORL Corleone 1.37 315 Op Pn, SOLUN Solunto 1.41 326 Op Pn, MILZ Milazzo 1.44 22 Op Pn, MMGO Monte Magaglia 1.44 301 Op Pn, CRJA Costa Raja 1.50 306 Op Pn, MSRU Castanea 1.53 30 Op Pn

220 20h

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like MLR, AKAS, JAVC, KRUC, etc.

2020 DEC

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like CSS, UCC, TAM, MDT, etc.

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Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like GHAJ, HRFI, EIL, etc.

Table with columns: OBVN, comp, Az, El, S, P, M, L, R, Az, El, S, P, M, L, R. Includes stations like ARBE Arbavere, GNI Garni, NORSAR Array S, etc.

Table with columns: NRIK, comp, Az, El, S, P, M, L, R, Az, El, S, P, M, L, R. Includes stations like NRIK Noril'sk, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, S, P, M, L, R, Az, El, S, P, M, L, R. Includes stations like JMA 22 20:40:58.9, BUI 22 20:40:59.1, MOS 22 20:40:59.7, etc.

NIED 22 20:40:58.9, 38' 44N, 133' 63E, h472km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn:0.42; M1:1.23; M2:1.65; M3:0.79; M4:0.13; M5:0.20; Fault plane solution: Mo:1.70000x10^15 NPT:phi:43.00000, delta:0.00000, lambda:160.00000. NP2:phi:142.00000, delta:0.00000, lambda:127.00000.

1075

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOSHA Boshof, SUR Sutherland, LBTB Lobatse, etc.

MAN 22 21:48:29.0, 4.87N, 126.68E, h22km, MS3.4
IDC 22 21:48:36.3, 2.1, 5.57N, 127.15E, h72km, 18km, mb3.8/12,
mbtmp4.1/14, MS3.3/3, Error ellipse: s-maj=60.30km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, GSPH General Santos, etc.

ISC 22 21:48:35.9, 1.0, 5.25N, 106.126, 69E, 0.09, h71km, 10km,
n50, r1915.44, mb4.1/16, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAV Dao City (W), DAV Davao City (W), etc.

WRA Warramunga Arr 26.14 163 P P 21 54 05.5 +1.8
WRA Warramunga Arr 26.14 163 P P 21 54 03.9 +0.3
WRA Warramunga Arr 26.20 163 P P 21 54 05.5 +1.3

ASAR Alice Springs 29.59 167 P P 21 54 37.4 +3.0
ASAR Alice Springs 29.59 167 P P 21 57 38.7 +0.7

ASAR Alice Springs 29.59 167 P P 21 54 34.8 +0.3
BBOO Bueckleboe 38.88 167 P P 21 55 53.8 -0.8
STKA Stephens Creek 39.56 160 P P 21 56 01.8 +1.6

STKA Stephens Creek 39.56 160 P P 21 56 00.9 +0.6
H11S1 WAKE ISLAND Hy 41.18 68 T T 22 40 15.5
H11S1 WAKE ISLAND Hy 41.18 68 T T 22 40 17.6

SONM Songiro Array 45.85 341 P P 21 56 51.9 +0.7
SONM Songiro Array 45.85 341 P P 21 58 27.8 +0.3
PDGK Podgornoye 56.23 320 P P 21 58 07.7 -1.4

MAKZ Makanchi 56.48 325 P P 21 58 08.8 -2.0
ZAAO Zalesovo Array 59.23 333 P P 21 58 29.6 -0.1
ZALV Zalesovo Beam 59.23 333 P P 21 58 28.9 -0.8

2020 DEC

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

TAP 22 22:05:40.5, 24.74N, 122.03E, h75km, ML2.8, 1C, C,
Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWC Suao, TWSB Santiao Chiao, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NDS Dongshan, TWE Neicheng, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAV Dao City (W), DAV Davao City (W), etc.

WRA Warramunga Arr 26.14 163 P P 21 54 05.5 +1.8
WRA Warramunga Arr 26.14 163 P P 21 54 03.9 +0.3
WRA Warramunga Arr 26.20 163 P P 21 54 05.5 +1.3

ASAR Alice Springs 29.59 167 P P 21 54 37.4 +3.0
ASAR Alice Springs 29.59 167 P P 21 57 38.7 +0.7

ASAR Alice Springs 29.59 167 P P 21 54 34.8 +0.3
BBOO Bueckleboe 38.88 167 P P 21 55 53.8 -0.8
STKA Stephens Creek 39.56 160 P P 21 56 01.8 +1.6

STKA Stephens Creek 39.56 160 P P 21 56 00.9 +0.6
H11S1 WAKE ISLAND Hy 41.18 68 T T 22 40 15.5
H11S1 WAKE ISLAND Hy 41.18 68 T T 22 40 17.6

SONM Songiro Array 45.85 341 P P 21 56 51.9 +0.7
SONM Songiro Array 45.85 341 P P 21 58 27.8 +0.3
PDGK Podgornoye 56.23 320 P P 21 58 07.7 -1.4

MAKZ Makanchi 56.48 325 P P 21 58 08.8 -2.0
ZAAO Zalesovo Array 59.23 333 P P 21 58 29.6 -0.1
ZALV Zalesovo Beam 59.23 333 P P 21 58 28.9 -0.8

KURK Kurchatov 60.45 327 P P 21 58 38.3 +0.1
KURB Kurchatov Arr 60.45 327 P P 21 58 37.1 -1.1
BVAR Borovoye Array 66.03 327 P P 21 59 16.9 +1.8

22d 22h

Table with columns: HEF Hetta, HEF Hetta, etc. Includes station names and coordinates.

Table with columns: HEF Hetta, HEF Hetta, etc. Includes station names and coordinates.

Table with columns: HEF Hetta, HEF Hetta, etc. Includes station names and coordinates.

Table with columns: HEF Hetta, HEF Hetta, etc. Includes station names and coordinates.

Table with columns: HEF Hetta, HEF Hetta, etc. Includes station names and coordinates.

GFZ 22 22:45:01.4, 0.7, 34°N, 10°E, h119km, 3km,
M4.5/6, mb4.5/6
NIED 22 22:45:01.7, 34.02N, 139.78E, h110km, MW4.5, Moment
Tensor Solution, s3 Moment tensor: Scale 10^15Nm;

WRA Warramunga Arr 26.14 163 P P 21 54 05.5 +1.8
WRA Warramunga Arr 26.14 163 P P 21 54 03.9 +0.3
WRA Warramunga Arr 26.20 163 P P 21 54 05.5 +1.3

ASAR Alice Springs 29.59 167 P P 21 54 37.4 +3.0
ASAR Alice Springs 29.59 167 P P 21 57 38.7 +0.7

ASAR Alice Springs 29.59 167 P P 21 54 34.8 +0.3
BBOO Bueckleboe 38.88 167 P P 21 55 53.8 -0.8
STKA Stephens Creek 39.56 160 P P 21 56 01.8 +1.6

STKA Stephens Creek 39.56 160 P P 21 56 00.9 +0.6
H11S1 WAKE ISLAND Hy 41.18 68 T T 22 40 15.5
H11S1 WAKE ISLAND Hy 41.18 68 T T 22 40 17.6

SONM Songiro Array 45.85 341 P P 21 56 51.9 +0.7
SONM Songiro Array 45.85 341 P P 21 58 27.8 +0.3
PDGK Podgornoye 56.23 320 P P 21 58 07.7 -1.4

MAKZ Makanchi 56.48 325 P P 21 58 08.8 -2.0
ZAAO Zalesovo Array 59.23 333 P P 21 58 29.6 -0.1
ZALV Zalesovo Beam 59.23 333 P P 21 58 28.9 -0.8

Table of astronomical observations for 23d Oh, listing station names, coordinates, and observation times.

Table of astronomical observations for 2020 DEC, listing station names, coordinates, and observation times.

Table of astronomical observations for 1076, listing station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORODI Ar. Bea, ARCES ARCESS Array B, KARATAY Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, DAWY Dawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DSZ Jacksonport Nort, TUWZ Tuamarina, MRNZ Matariki Terra, etc.

23d Oh

Table with columns for location, elevation, wind speed, direction, and other weather metrics. Includes locations like Pocosol, Tegic, Heredia, etc.

2020 DEC

Table with columns for location, elevation, wind speed, direction, and other weather metrics. Includes locations like Sierra Juarez, Macera, Macera, etc.

1080

Table with columns for location, elevation, wind speed, direction, and other weather metrics. Includes locations like WWT Waverly, WWT Waverly, etc.

Table with columns: ID, Name, Comp, Count, Status, Date, Time, Location, and other details. Includes entries like 137A Lemond, WVOR Wild Horse Val, etc.

Table with columns: ID, Name, Comp, Count, Status, Date, Time, Location, and other details. Includes entries like MAGL Barre de l'ile, FDFM Morne la Roset, etc.

Table with columns: ID, Name, Comp, Count, Status, Date, Time, Location, and other details. Includes entries like SALV Santo Antonio, BIVOS Santo Antonio, etc.

23d Oh

Table of astronomical observations for 23d Oh, listing station names, codes, times, and coordinates. Includes stations like TIXI, ECH, SBA, YAK, TUE, CLL, COLIM, etc.

2020 DEC

Table of astronomical observations for 2020 DEC, listing station names, codes, times, and coordinates. Includes stations like XAN, TINTI, AAK, LUWI, QIZ, QIZ, QIZ, etc.

1082

Table of astronomical observations for 1082, listing station names, codes, times, and coordinates. Includes stations like MOS, IDC, GFZ, GCMT, TLIG, MOIG, H06S1, etc.

23d Oh

Table with columns: Station, Frequency, Band, Mode, and other details. Includes stations like PAL Palisades, N62A Caumsett State, SADO Sadow, etc.

2020 DEC

Table with columns: Station, Frequency, Band, Mode, and other details. Includes stations like PPT2 comp=Z,3um,23.8s, BO02 Sierra Bellavi, COIM Forte Coimbra, etc.

1084

Table with columns: Station, Frequency, Band, Mode, and other details. Includes stations like IMAR Indian Mountain, BSFB Barra de Sao Francisco, GUA01 Guaratinga, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, ISC, Res. Includes stations like HHC, TSUM, MAK, BT02, NJ2, WRA, ASAR, MKAR, WMQ, G2A2, XAN, AAK, ENH, WUS, HKPS, MBAR, RAYN, LODK, NIL, FURI, LSA, KMBO, ATD, KIBK, UOSS, MORE, CHTO, CHTO, CHTO, CMAR, CMAR, VOI, ABPO, PMBI, KULM.

Table with columns: SFX, San Felipe, 25.20 336, P, Iamb, P, 00 58 51.6, -2.1, 0.1mm,0.6s,baz=170,slow=7.5,SNR=2.3,0.1mm,0.6s. Includes stations like DKNS, CRNM, LEMN, ESJX, GLA, BAR, BC3, IRM, PMD, BELC, KNB, LCMT, PVO5, H16, PV16, GWY, CPMC, CLMC, WCT, P17A, Q20A, MPU, P40A, NVAR, NVAR, CTU, KVN, BGU, PNTR, BMN, PD31, PDAR, PDAR, BEKR, ORV, SNOW, HLD, YFT, WWOR, QLMT, J05D, PLID, PINE, G08A, DGMT, F07A, E07A, D08A, A04D, EDM, YA03, SPT, DLBC, YKA, YKA, CPUP, CPUP, BDFB, H27K, ILAR, ILAR, WRA, ASAR, ASAR, CMAR, CMAR.

Table with columns: ILAR, Eielson Array, 64.23 341, P, P, 01 08 20.0, +0.5, 0.5mm,0.8s,baz=157,slow=4.6,SNR=4.8,0.5mm,0.8s. Includes stations like CMAR, CHANG, IDC 23 00:58:23.3, 0.9, 8.2SN, NEIC 23 00:58:26.5, 1.3, 8.3NL, ISC 23 00:55:31.3, 0.7, 8.2BN, Code, Station Name, Az, Az2, Phase ID, Time, ISC, Res.

23d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alice Springs, Chiang Mai Arr, and various array configurations.

IDC 23 01:01:02.0.2.0, 8:08N-103:20W, h0km, mb3.3/4, mtbmp3.4/4, Error ellipse: s-maj=9.2km s-min=30.2km az=57.0, Northern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lajitas Array, Mina Array Bea, and various array configurations.

UPP 23 01:02:30.8.0.0, 67.85N-20.21E, h0km, ML2.6, Suspected explosion
HEL 23 01:02:30.7.0.6, 67.83N-20.39E, h0km, ML1.5, Explosion

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lajitas Array, Mina Array Bea, and various array configurations.

IDC 23 01:03:29.8.0.7, 8:20N-103:35W, h0km, mb4.1/9, mtbmp4.0/10, ML3.2/11, MS4.5/7, Error ellipse: s-maj=28.3km s-min=15.5km az=59.0

GFZ 23 01:03:33.0.0.3, 8.1N-4.10.3W, h10km, M4.5/19, mb4.5/19, Error ellipse: s-maj=14.0km s-min=6.2km az=63.7, confirmed

NEIC 23 01:03:32.7.1.0, 8:30N-103:20W, h0km, mb4.1/9, mtbmp4.0/10, ML3.2/11, MS4.5/7, Error ellipse: s-maj=28.3km s-min=15.5km az=59.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TLIG, MOIG, HUEH, APG, and various array configurations.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tucson, Aspermont, Muleshoe, and various array configurations.

IDC 23 01:06:09.2.1.1, 8:31N-102:103'16"W, h0km, n12, c=08112, mb3.8/5, Northern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kanab, La Rusia, Greenwater Val, and various array configurations.

IDC 23 01:15:04.7.2.8, 8:10N-102:90W, h0km, mb3.5/5, s-maj=34.6km az=93.0

IDC 23 01:15:09.5.2.5, 8:14N-102:102'30"W, h0km, n12, c=058/8, mb3.5/5, MS4.1/3, Northern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Paz, Iliad, and various array configurations.

NEIC 23 01:21:20.8.1.6, 19.8S-0.1x177.4W, h1.0, h551km, 5km, mb4.5/19, Error ellipse: s-maj=19.8km s-min=11.2km az=144.0

IDC 23 01:21:22.5.1.2, 19.80S-177.51W, h567km, 12km, mb3.5/12, mtbmp4.4/15, Error ellipse: s-maj=18.1km s-min=11.7km az=147.0

IDC 23 01:21:20.5.0.4, 19.74S-109.177.41W, h500km, n11.4, s106/125, mb4.2/22, 7C-8D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TLIG, MOIG, HUEH, APG, and various array configurations.

1086

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Eielson Array, Kuruchot Arr, Warrungarra Arr, and various array configurations.

IDC 23 01:06:09.2.1.1, 8:31N-102:103'16"W, h0km, n12, c=08112, mb3.8/5, Northern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Apatote, Lajitas Array, Mina Array Bea, and various array configurations.

IDC 23 01:15:04.7.2.8, 8:10N-102:90W, h0km, mb3.5/5, s-maj=34.6km az=93.0

IDC 23 01:15:09.5.2.5, 8:14N-102:102'30"W, h0km, n12, c=058/8, mb3.5/5, MS4.1/3, Northern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Paz, Iliad, and various array configurations.

NEIC 23 01:21:20.8.1.6, 19.8S-0.1x177.4W, h1.0, h551km, 5km, mb4.5/19, Error ellipse: s-maj=19.8km s-min=11.2km az=144.0

IDC 23 01:21:22.5.1.2, 19.80S-177.51W, h567km, 12km, mb3.5/12, mtbmp4.4/15, Error ellipse: s-maj=18.1km s-min=11.7km az=147.0

IDC 23 01:21:20.5.0.4, 19.74S-109.177.41W, h500km, n11.4, s106/125, mb4.2/22, 7C-8D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nonsavu, Futogata, Niue Nui, and various array configurations.

Table of astronomical observations for December 23, 2020, including station names (e.g., WB0, ASAR, FITZ), coordinates, and observation details.

Table of astronomical observations for December 23, 2020, including station names (e.g., MYKA, SOTA, ABTA), coordinates, and observation details.

Table of astronomical observations for December 23, 2020, including station names (e.g., TERY, GGPC, GGPC), coordinates, and observation details.

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

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

ICD 23 02:56:01.7.2.0.52:2N.0.3:173:3W.0.1, h101km,5km, Error ellipse: s-maj=50.1km s-min=7.4km az=167.0

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

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

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

ICD 23 03:56:58.5.3.1.27:36S:175:56W, h0km, mb3.9/3, mbmp3.9/3, MS3.0/6, Error ellipse: s-maj=99.3km

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like BELA, MJAR, H03SE, etc.

BUI 23 04:02:17.0.45:70N:155:20E, h10km, mb4.9/11, mb4.8/52, Ms4.1/13, Ms7.4.1/14

NEIC 23 04:02:22.2.1.2.45:97N:0:09:154:71E:0:10, h10km,1km, mb4.8/35, Error ellipse: s-maj=16.7km s-min=10.0km

MOS 23 04:02:24.4.1.2.46:08N:154:53E, h29km, mb4.9/36, MS3.6/7, Error ellipse: s-maj=6.6km s-min=5.5km

SKHL 23 04:02:24.2.0.2.46:10N:154:70E, h38km,28km, mb5.5/9, GFZ 23 04:02:25.1.0.2.46:14.4.15:4E:1, h10km, M4.8/36, mb4.9/36, Error ellipse: s-maj=10.0km s-min=5.4km

IDC 23 04:02:27.7.2.2.46:02N:154:63E, h38km,17km, mb4.0/29, mbmp4.3/35, ML4.0/5, MS3.7/59, Error ellipse: s-maj=13.9km s-min=9.7km az=140.0

JMA 23 04:02:30.4.0.7.46:14.4.15:4E:1, h0km, MV5.1/21, FAR FIELD

ISC 23 04:02:25.1.0.7.46:02N:0:05:154:63E:0:04, h27km,4km, n362, t193/342, mb4.6/117, MS3.8/60, 21C-20D, East of Kuril Islands

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

23d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yuzhno-Sakhal, Yuzhno-Akhali, Onbets, Kamakawa 2, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Inchon, Tjeon, Shenyang, Bilibino, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Zalesovo Array, Zalesovo Beam, Zalesovo Beam, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like KK31, KKR Karatay Array, ARCES ARCES Array B, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like KIV Kislovodsk, KBZ Khabaz, SHA1 Shalidhatmaz, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like RAYN Ar Rayn, TCW Tony Channel, ESDC Sonsea Array, etc.

TRN 23 04:18:18.6, 15:43N, 61:16W, h154km, MD3.5, Near Earth

Table listing stations for TRN 23 04:18:18.6, 15:43N, 61:16W, h154km, MD3.5, Near Earth. Includes stations like DLPL La Plaine, DWS Wesley, etc.

IDC 23 04:25:40.6, 1.3, 13:03N, 143:94E, h130km, mb3.4/7, mbmp3.8/7, MS3.4/1, Error ellipse: s-maj=29.2km, s-min=23.0km az=83.0

Table listing stations for IDC 23 04:25:40.6, 1.3, 13:03N, 143:94E, h130km, mb3.4/7, mbmp3.8/7, MS3.4/1, Error ellipse: s-maj=29.2km, s-min=23.0km az=83.0

NEIC 23 04:25:41.0, 1.7, 13:1N, 0:1, 144:1E, 0.2, h131km, 7km, mb4, 0/12, Error ellipse: s-maj=25.4km s-min=14.0km az=127.0

Table listing stations for NEIC 23 04:25:41.0, 1.7, 13:1N, 0:1, 144:1E, 0.2, h131km, 7km, mb4, 0/12, Error ellipse: s-maj=25.4km s-min=14.0km az=127.0

ISC 23 04:25:41.0, 0.7, 13:1N, 0:1, 144:1E, 0.1, h138km, n28, mb3.9/13, Marianas Islands

Table listing stations for ISC 23 04:25:41.0, 0.7, 13:1N, 0:1, 144:1E, 0.1, h138km, n28, mb3.9/13, Marianas Islands. Includes stations like GUMO Guam, WARR Warrungarra Arr, etc.

23d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNCH Conchagua, VSM San Miguel, RANC El Ranchito, etc.

IDC 23 04:43:58.2.4.5, 49.64Sx114.96E, h0km, mb3.7/3, mbtmp3.7/3, MS3.2/3, Error ellipse: s-maj=274.3km s-min=27.4km az=108.0, Western Indian-Antarctic Ridge

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

IDC 23 05:46:17.5.1.0, 17.99N;147.56E, h0km, mb4.0/12, mbtmp4.0/12, Error ellipse: s-maj=33.8km s-min=18.4km

NEIC 23 05:46:19.6.1.4, 18.1N;0.1;147.6E;0.2, h10km, 1km, mb4.2/10, Error ellipse: s-maj=32.8km s-min=17.3km az=76.0

IDC 23 05:46:25.0.0.9, 18.1N;0.1;147.4E;0.2, h53km, n32, e097/28, mb4.1/15, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11N1 WAKE ISLAND H, H11N2 WAKE ISLAND H, H11N3 WAKE ISLAND H, etc.

IDC 23 05:59:08.7.6.3, 8.68N;103.27W, h0km, mb3.2/4, mbtmp3.2/5, ML2.5/1, Error ellipse: s-maj=117.6km s-min=36.5km az=5.0, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APG El Apazote, TXAR Lajas Array, PDAR Pinedale Array, etc.

IDC 23 06:01:52.4.0.8, 8.20N;103.36W, h0km, mb4.1/10, mbtmp4.1/11, ML3.2/1, MS4.1/52, Error ellipse: s-maj=28.1km s-min=15.1km az=55.0

GFZ 23 06:01:54.0.0.3, 8.2N;4.0x10.3W;1.1h10km, M4.3/19,

2020 DEC

mb4.3/19, Error ellipse: s-maj=15.7km s-min=6.2km az=61.4, confirmed
NEIC 23 06:01:55.4.1.4, 8.3N;0.1;103.3W;0.1, h10km, 1km, mb4.4/55, Error ellipse: s-maj=24.9km s-min=16.2km az=238.0

GCMT 23 06:01:57.4.0.2, 8.47N;0.01;103.22W;0.01, h12km, MV5.0/109, Moment Tensor Solution, s32,c35; s109,c153; Duration: 0 Moment tensor: Scale 10^16Nm; M0=0.02e8; M1=1.02e.08; M2=0.95e.09; M3=2.24e.21; M4=2.82e.06; M5=1.34e.23; Best double couple: M3, 74300x10^6, NP, 1.35e.55.0000; M5, 35500x10^6, NP, 1.16.0000; NP2, 265.0000; 3.74.0000; 1.153.0000; Principal axes: T 4.5650, Plg30.0000; Azm214.0000; N -1.5210, Plg59.0000; Azm49.0000; P -2.9810, Plg6.0000; Azm308.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 23 06:01:55.1.0.6, 8.26N;0.08;103.23W;0.09, h19km, n144, e092/81, mb4.4/47, MS4.1/51, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLIG Tiapa, MOIG Morelia, HUEH Huehuetenango, APG El Apazote, ZGIG Zacatecas, etc.

1092

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAOE comp=2.2um,33.2s, E07A Sunnyside, NEW Newport, NEW Newport, SADO Sadowa, ULM La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

1093

Table with columns: Code, Station Name, Delta Azimuth, Phase, Time, Residual, ISC, H magnitude, S magnitude. Includes stations like Maesarieng, Umpang Tak, Chiang Mai Arr, etc.

SDD 23 06:45:59.7±1.8, 18.44N±0.17W, h22km±26km, MD2.9, ML1.3, MW3.5, Presumed earthquake

OSPL 23 06:46:04.1±0.6, 18.22N±0.17W, h2km±36km, ML1.3, Presumed earthquake

ISC 23 06:45:58.5±1.1, 18.48N±0.05, 71.21W±0.05, h13km±11km, n8, r12/12, 1C, Dominican Republic region

Table with columns: Code, Station Name, Delta Azimuth, Phase, Time, Residual, ISC, H magnitude, S magnitude. Includes stations like El Aguacate, B, El Espartillar, etc.

JMA 23 06:47:07.1±0.2, 24.54N±0.4, 122.5E±0.1, h68km±1km, MW3.5/5, TAIWAN REGION

IPAC 23 06:47:08.3±0.4, 24.54N±0.12, 126.5E±0.2, h62km, ML4.1, B

ISC 23 06:47:08.2±1.2, 24.57N±0.02, 121.58E±0.02, h64km±4km, n155, r09/93/275, 17C-12D, Taiwan

Table with columns: Code, Station Name, Delta Azimuth, Phase, Time, Residual, ISC, H magnitude, S magnitude. Includes stations like Datong, Datong Townshi, etc.

2020 DEC

Main table with columns: Code, Station Name, Delta Azimuth, Phase, Time, Residual, ISC, H magnitude, S magnitude. Includes stations like Fush Village, Mucha, Guanxi Townshi, etc.

23d 7h

Table with columns: Code, Station Name, Delta Azimuth, Phase, Time, Residual, ISC, H magnitude, S magnitude. Includes stations like Ta-pu, Szhu, Taoyuan, etc.

ISC 23 07:27:35.0±0.8, 31.94S±0.67W, h0km, mb3.5/2, mbmp3.5/5, ML3.6/3, Error ellipse: s-maj=13.3km

ISC 23 07:27:40.8±0.8, 31.68S±0.09, 67.80W±0.10, h35km, n9, r17/11, San Juan Province

Table with columns: Code, Station Name, Delta Azimuth, Phase, Time, Residual, ISC, H magnitude, S magnitude. Includes stations like Coronel Fontan, Paso Flores, etc.

ISC 23 07:36:23.4±2.9, 52.98S±106.91E, h0km, mb4.2/5, mbmp4.2/5, MS3.4/4, Error ellipse: s-maj=107.3km

ISC 23 07:36:24.3±0.3, 53.03S±0.3, 106.7E±0.6, h10km, n14, r05/27, mb4.3/5, MS3.4/4, Southeast Indian Ridge

Table with columns: Code, Station Name, Delta Azimuth, Phase, Time, Residual, ISC, H magnitude, S magnitude. Includes stations like Cape Leeuwin, Vanda, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like AC04, Llanos de Chal, COLO, Las Campanas, etc.

SDD 23 08:33:52.91.6, 19.53N-69.82W, h0km, 6km, MD2.6, ML2.8, MW2.8, Presumed earthquake
OSPL 23 08:33:53.81.9, 19.63N-69.84W, h0km, 7km, ML2.5, Presumed earthquake
SSNC 23 08:34:01.31.3, 18.95N-70.71W, h94km, 165km, MD3.9, Presumed earthquake

Main table for 1095 with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like CADR, SC01, ABDR, SDD, LUDR, etc.

WEL 23 08:47:40.71.3, 33.5S-27.179E, 4.2, h350km, 29km, M3.78, mB4.21, ML3.6, MLv3.78, Mw(mB)3.71, Error ellipse: s-maj=62.3km s-min=19.0km az=119.2, South of Kermadec Islands

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

Table with columns: MWZ, Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like MWZ, CNMGZ, Te Karaka, etc.

IDC 23 09:03:31.20.8, 54.39N-159.88W, h0km, mb4.1/22, mbmp4.1/26, ML4.5/4, MS3.4/13, Error ellipse: s-maj=19.0km s-min=11.7km az=172.0
NEIC 23 09:03:33.61.2, 54.25N-159.77W, 0.08, h205km, 6km, mb4.4/43, ML4.2/34, ML3.9(AEIC), Error ellipse: s-maj=9.7km s-min=6.8km az=169.0
AEIC 23 09:03:34.41.4, 54.25N-159.81W, 0.07, h17km, 4km, Error ellipse: s-maj=7.1km s-min=5.7km az=160.0

Main table for 2020 DEC with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like CNBA, CHNA, SDPT, DOL, etc.

Main table for 23d 9h with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like M19K, N19K, RED, etc.

23d 10h

Table with columns: PRN, Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, WARRAMUNGA ARR, etc.

2020 DEC

Table with columns: WB0, Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, WARRAMUNGA ARR, etc.

1096

Table with columns: BOAB, Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like BOACO BROADBAN, BOACO BROADBAN, BOACO BROADBAN, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 346A through M57A.

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

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations HAWA through M57A.

IDC 23 10:23:28.21.4.51'49N.75'83E, h0km, mbtmp2.4/3, ML1.9/3, 1C-D, Error ellipse: s-maj=22.8km s-min=11.1km az=300, Eastern Kazakhstan

23d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ICS, UTM, and various station identifiers like KURBB, KURK, BVAR, etc.

ATH 23 11:06:28.0, 37:87'N-27:74'E, h11km, 3km, ML3.5/7, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

Main table of station data for the 23d 11h period, including codes like AYDE, KUSD, AYDN, etc., and their corresponding station names and coordinates.

2020 DEC

Summary table for 2020 DEC with columns: PRK, Station Name, Az, Az', Phase ID, Time, Res, ICS, and station codes like Parakevi, Arshkelov, etc.

IDC 23 11:06:47.7±0.8, 27:33'N-97:21'E, h0km, mb3.8/9, mbmp3.7/10, ML3.6/1, MS2.4/2, Error ellipse: s-maj=48.3km s-min=14.8km az=65.0

NEIC 23 11:06:53.8±0.8, 27:40'N-109:97.0±0.0, h50km, 7km, mb4.2/15, Error ellipse: s-maj=16.0km s-min=6.3km az=219.0

Main table of station data for the 2020 DEC period, including codes like MOKO, KOHI, IMP, etc., and their corresponding station names and coordinates.

1098

Main table of station data for the 1098 period, including codes like EMOS, E0901, EMUR, etc., and their corresponding station names and coordinates.

23d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MASU Masugnaby, LANU Lannavaara, HETTA Hetta, etc.

2020 DEC

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

1100

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DAIG Los Arroyos, DAIG Los Arroyos, MEIG Mezcala, etc.

Table with columns: Code, Station Name, n97, t1507/155, 69C-59D, Romania, Phase ID, Time Res, ISC, h m s ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, n97, t1507/155, 69C-59D, Romania, Phase ID, Time Res, ISC, h m s ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, n97, t1507/155, 69C-59D, Romania, Phase ID, Time Res, ISC, h m s ISC. Lists seismic stations and their characteristics.

IDC 23 14:41:06.2, 2.3, 5.84S, 130.47E, h66km, 23km, mb3.5/5, mbmp4.2/10, MS2.9/1, Error ellipse: s-maj=22.0km s-min=16.8km az=76.0

Table with columns: Code, Station Name, n97, t1507/155, 69C-59D, Romania, Phase ID, Time Res, ISC, h m s ISC. Lists seismic stations and their characteristics.

IDC 23 14:42:34.7, 1.7, 2.16S, 76.80W, h0km, mb3.4/3, mbmp3.6/5, ML3.0/2, MS3.4/1, Error ellipse: s-maj=58.8km s-min=15.8km az=103.0

Table with columns: Code, Station Name, n97, t1507/155, 69C-59D, Romania, Phase ID, Time Res, ISC, h m s ISC. Lists seismic stations and their characteristics.

23d 14h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KRUC Moravsky, VRAC Vranov, WTTA Wattenberg, etc.

2020 DEC

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like EIL Elat, BFO Black Forest, KLL Collim, etc.

1104

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PAB San Pablo, TAM Tamannasret, BELG Belogorovye, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KK31 Karatay Array, KKAR Karatay Array, LOKD Lodwar, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SONM Songino Array, SONM Songino Array, ULN Ulanbatar, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CPCT Cooper Cave, U49A Red Belling Sp, PETK Petropavlovsk, etc.

NAO 23 15:02:26.7, 35.66N, 22.52E, h10km, MB3.7
IDC 23 15:02:49.9, 0.8, 36.39N, 22.08E, h0km, mb3.8, B
m1mp3=6.12, ML 1.52, Error ellipse: s-maj=16.5km
THE 23 15:02:50.9, 38.4N, 0.5, 22.0E, 0.4, h5km, 1km, M3.5/36,
MLH3.5/36
ATH 23 15:02:50.7, 38.39N, 22.00E, h7km, Mw3.7, Moment
Tensor Solution. s9 Moment tensor: Mn=0.43; Mw=2.67;
Mw>3.10; Mw<0.17; Mw<4.05; Mw>1.50; Fault plane
solution: NP1:phi=253.00000, lambda=179.00000,
NP2:phi=162.00000, lambda=16.00000.
UPSL 23 15:02:50.7, 38.39N, 22.00E, h7km, Mw3.8, Moment
Tensor Solution. s6 Moment tensor: Mn=0.48; Mw=3.63;
Mw>3.15; Mw<0.53; Mw<4.94; Mw>3.94; Fault plane
solution: NP1:phi=162.00000, lambda=17.00000,
NP2:phi=254.00000, lambda=175.00000.
TIR 23 15:02:50.0, 38.43N, 22.12E, h8km, 4km, ML3.8, ML3.8,
Presumed earthquake
ISC 23 15:02:50.9, 0.7, 38.38N, 0.01, 22.00E, 0.01, h8km, 4km,
n120, o080/164, mb3.5, Greece

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MG00 Magoula, Dorid, MG00 Magoula, SERG Sergoula, etc.

Table with columns for station name, code, station name, delta A, delta Z, phase ID, time, and residuals. Includes stations like Thal, Thalero, Prodomos, etc.

Table with columns for station name, code, station name, delta A, delta Z, phase ID, time, and residuals. Includes stations like NOA, EKA, TOR, etc.

Table with columns for station name, code, station name, delta A, delta Z, phase ID, time, and residuals. Includes stations like VLX, NYDR, EVDI, etc.

1107

Table with columns for station name, elevation, coordinates, and status. Includes stations like RTV Rentapao, DVP Devils Point, MRARC Mare, etc.

2020 DEC

Table with columns for station name, elevation, coordinates, and status. Includes stations like PATC Patra C, PATG Patra B, Kalavryta, Ach, etc.

23d 15h

Table with columns for station name, elevation, coordinates, and status. Includes stations like DRAG Dragano-Lefkad, Klokotos Trika, Ithomi, etc.

IDC 23 15:42:55.3;5.7;34.09N;22.96E, h0km, mb3.7/3, mbtmp3.6/4, ML3.1/1, Error ellipse: s-maj=365.5km

ATH 23 15:43:10.8;38.48N;22.01E, h7km, ML3.1/52, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

ISC 23 15:43:10.8;0.7;38.39N;0.01;22.01E, h0km, mb3.3km, n142, s0668/226, mb3.8/3, Greece

IDC 23 15:47:45.2;0.7;53.01N;150.46W, h0km, mb4.5/30, mbtmp4.5/32, ML4.4/2, MS3.6/29, Error ellipse:

BUI 23 15:47:46.2;53.51N;150.73W, h7km, mb5.0/4, mb4.9/32

NEIC 23 15:47:48.7;0.3;33.0N;0.1;150.6W;0.1, h10km, 1km, mb4.9/50, ML4.5/8, ML4.7(AEIC), Error ellipse:

AEIC 23 15:47:52.2;1.8;53.1N;0.1;150.6W;0.2, h7km, 4km, Error ellipse: s-maj=20.2km s-min=12.3km az=199.0

ISC 23 15:47:48.4;0.5;53.31N;150.50W;0.05, h10km, n336, r1844/32.1, mb4.7/92, MS3.6/27.2C, South of Alaska

IDC 23 15:47:48.7;0.3;33.0N;0.1;150.6W;0.1, h10km, 1km, mb4.9/50, ML4.5/8, ML4.7(AEIC), Error ellipse:

AEIC 23 15:47:52.2;1.8;53.1N;0.1;150.6W;0.2, h7km, 4km, Error ellipse: s-maj=20.2km s-min=12.3km az=199.0

ISC 23 15:47:48.4;0.5;53.31N;150.50W;0.05, h10km, n336, r1844/32.1, mb4.7/92, MS3.6/27.2C, South of Alaska

Table with columns for station name, elevation, coordinates, and status. Includes stations like CHIR Chirikof Island, OHAK Old Harbor, KDAK Kodiak Island, etc.

23d 15h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KDAK, KODI, KCHN, etc.

2020 DEC

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like F20K, Avarakt Lake, ATKA, etc.

1108

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like HILR, Hailer Array B, CN2, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RJOB Jochberg, DAVA Damuels, MOTA Mossalim, WATA Walderalm, etc.

Station coordinates and identifiers: IDC 23 15:56:07.7+1.0, 195x123:84E, h0km, mb3.5/1, mbtmp3.3/4, ML2.9/3, Error ellipse: s-maj=53.7km, s-min=18.0km az=64.0.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI Baumata, SOEI Soe, MMRI Maumere, etc.

Station coordinates and identifiers: SJA 23 15:56:15.6+1.0, 203:04S:66:49W, h232km, 8km, ML3.6, MW3.5.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB06 eS, FSA Cafayete, PB03 IPOC Station P, etc.

Station coordinates and identifiers: IDC 23 15:56:35.3+1.4, 37:06N:144:96E, h0km, mb3.6/5, mbtmp3.7/9, ML3.4/4, Error ellipse: s-maj=22.8km, s-min=15.1km az=97.0.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro, MJAR Hachijo jima 2, etc.

Station coordinates and identifiers: TIF 23 16:01:11.8, 43:03N:45:52E, h9km, 2km, DRS 23 16:01:11.9, 43:01N:45:58E, h15km, MOS 23 16:01:11.0, 43:01N:45:58E, h11km, MPVA4.2, NORS 23 16:01:11.6, 43:00N:45:56E, h16km, MPVA4.3.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GROC Groznyy, DVE Vedeno, KMGR Komgaron, etc.

Station coordinates and identifiers: IDC 23 16:01:12.4+0.7, 43:04N:0:02x45:53E:0:01, h10km, 5km, n96, e194/184, mb3.4/4, AC-1D, Eastern Caucasus.

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

Station coordinates and identifiers: comp=Z,5.0nm,0.8s

23d 17h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Minsk, Kurchatov, and Makanchi Array.

IDC 23 16:36:49.6-4.7, 47.37N:93.34W, h0km, mbtmp2.8/2, MLO.8/1, Error ellipse: s-maj=64.8km s-min=37.2km az=62.0

NEIC 23 16:36:49.1-1.1, 47.62N:0.03:69W:0.04, h0km, 2km, ML2.7/4, Error ellipse: s-maj=5.9km s-min=4.1km az=29.0

OTT 23 16:36:50.0-0.2, 47.37N:92.62W, h0km, MN2.77, Blast, Minnesota, US, 129km southeast from Fort Frances, On Mining explosion.

ISC 23 16:36:48.4-0.9, 47.57N:0.03:63W:0.04, h0km, n26, c079/35, Minnesota

Main table listing station data for the 23d 17h period, including station names, coordinates, and seismic parameters.

IDC 23 16:37:19.6-4.0, 1.93S:101.12E, h0km, mb3.5/4, mbtmp3.5/4, MS3.4/1, Error ellipse: s-maj=165.8km s-min=24.0km az=57.0

DJA 23 16:37:21.6-0.4, 2.5S:101.0E, h12km, 3km, MA, 1/25, mb4.3/2, MLV4.0/25

ISC 23 16:37:21.7-1.3, 2.5S:101.100E:0.1, h35km, n23, c151/13, mb3.7/3, Southern Sumatara

Table listing station data for the IDC 23 16:37:19.6-4.0 event, including station names and seismic parameters.

2020 DEC

Table listing station data for the 2020 DEC period, including station names and seismic parameters.

IDC 23 17:11:24.2-7.5, 36.79N:71.43E, h78km, 44km, mb3.6/8, mbtmp4.0/13, ML3.8/5, Error ellipse: s-maj=79.4km s-min=25.7km az=168.0

NEIC 23 17:11:27.9-1.2, 37.18N:0.06:71.30E:0.09, h91km, 7km, mb4.5/5, Error ellipse: s-maj=11.0km s-min=9.0km az=115.0

NCC 23 17:11:31.1-3.5, 37.47N:71.10E, h188km, 43km, mb2.8, mpv3.6, Error ellipse: s-maj=33.8km s-min=21.6km az=34.0

ISC 23 17:11:27.9-0.6, 37.20N:0.05:71.50E:0.07, h106km, n62, c199/73, mb3.9/2, CD-5D, Afghanistan-Tajikistan border region

Main table listing station data for the 2020 DEC period, including station names, coordinates, and seismic parameters.

Table listing station data for the 2020 DEC period, including station names and seismic parameters.

IDC 23 17:31:32.8-0.8, 31.06N:6.80E, h0km, mb4.1/11, mbtmp4.0/19, ML3.9/6, MS2.8/1, Error ellipse: s-maj=16.2km s-min=11.8km az=140.0

CNRML 23 17:31:34.0-0.7, 31.12N:0.08:6.49E:0.06, h10km, n43, c225/51, mb4.0/11, Northern Algeria

Main table listing station data for the IDC 23 17:31:32.8-0.8 event, including station names and seismic parameters.

RSPR 23 17:32:45.3, 17.92N:66.93W, h10km, MD3.6/18
NEIC 23 17:32:45.1, 17.90N:04.06:91W, 0.02, h10km, 1km,
ML2=2.9km az=18.0
SDD 23 17:32:45.6, 0.5, 17.91N:66.91W, h12km, 4km, MD2.9,
ML2.8, MW2.8, Presumed earthquake
ISC 23 17:32:44.2, 1.1, 17.90N:0.05:66.93W, 0.02, h18km, 3km,
n50, 0.937/57, 18C-8D, Puerto Rico region

φ265.0000°, δ15.0000°, λ-81.0000°. NP2:φ2.76.0000°,
δ76.0000°, λ-92.0000°.
JMA 23 17:55:53.4, 0.1, 34.3N:02.136:1E, 0.2, h28km, MD3.6/20,
ML3.9/20, SOUTHERN MIE PREF
JMA Felt III J1 at SOUTHERN MIE PREF
IDC 23 17:55:54.3, 1.7, 34.03N:136.29E, h58km, 21km, mb3.3/6,
mbtmp3.5/10, ML3.0/4, MS2.6/4, Error ellipse:
s-maj=16.1km s-min=11.6km az=56.0
ISC 23 17:55:52.7, 0.8, 34.21N:04.136:13E, 0.03, h31km, 6km,
n32, 1.55/33, mb3.5/6, 6D, Western Honshu

Table with columns: RANF, Ranua, 2.58 112, PB, Pn, 18 03 12.0 +0.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC

Table with columns: RANF, Ranua, 2.58 112, PB, Pn, 18 03 12.0 +0.4

IDC 23 17:55:36.6, 7.0, 28.52N:104.87E, h0km, mb3.3/3,
s-maj=38.6km az=4.0, Sichuan

UPP 23 18:02:28.3, 0.1, 67.07N:20.90E, h0km, ML2.1, Suspected
explosion
HEL 23 18:02:28.4, 0.3, 67.05N:20.89E, h0km, ML1.8, Suspected
explosion
IDC 23 18:02:31.6, 1.6, 67.11N:21.23E, h0km, mbtmp2.9/3,
ML1.6/3, Error ellipse: s-maj=26.6km s-min=12.0km
az=107.0
ISC 23 18:02:28.8, 0.8, 67.10N:02.20:95E:0.03, h0km, n43,
c118/53, Sweden

IDC 23 18:02:52.5, 1.7, 67.09N:21.18E, h0km, mbtmp2.7/3,
ML1.9/3, Error ellipse: s-maj=29.1km s-min=14.1km
az=104.0, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC

NIED 23 17:55:53.4, 34.26N:136.12E, h28km, MW3.6, Moment
Tensor Solution. s3 Moment tensor: Scale 10^19Nm;
Mn=1.28; Mw=1.37; Ms=0.09; Mz=2.36; Mv=0.26; Mv=0.61;
Fault plane solution: Mo2.78000x10^14 NP1:

MAN 23 18:11:47.8, 6.25N:133.64E
NEIC 23 18:11:47.8, 6.25N:133.64E, h10km
GFZ 23 18:11:47.8, 6.25N:133.64E, h10km

Table with columns for station code, name, frequency, and other parameters. Includes stations like GRJI Gresik, TBJI Tambak Boyo, JSU Suzuyama, FITZ Fitzroy Crossi, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like BBJI Bungbulang, CNSH ChangSha, CNSH, TPRI Tanjung Pinang, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like GYA, GYA, GYA, MASi Maura Aman, Be, UBSI University, Be, etc.

23d 18h

Table with columns for call sign, location, frequency, and status. Includes entries like OXZ Oxtord, OGWZ Otaki Gorge, PNHZ Pukenui, etc.

2020 DEC

Table with columns for call sign, location, frequency, and status. Includes entries like TIXI Tikisi, BILL Bilibino, BILL Bilibino, etc.

1116

Table with columns for call sign, location, frequency, and status. Includes entries like MDH Madha, MDH Madha, UOSS Minazif, etc.

23d 18h

2020 DEC

1118

Table with columns for station call letters (e.g., YKA, EIL, STEI), frequency (e.g., 94.39, 94.42), and other technical details. Includes sub-headers like '23d 18h' and '2020 DEC'.

Table with columns for station call letters (e.g., BEKR, YUBA, CMB), frequency (e.g., 98.24, 98.69), and other technical details. Includes sub-headers like '2020 DEC'.

Table with columns for station call letters (e.g., CLL, HSKC, ZVC), frequency (e.g., 103.63, 103.73), and other technical details. Includes sub-headers like '1118'.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VNA2 Neumayer-Watz, VNA22 Neumayer Olym, VNA33 Saint Sauveur, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PEL Peidehue, SDDR Presa de Saban, CO02 Combarbal, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CLDB Colider, BDFB Brasilia, BDFB2 Brasilia, etc.

23D 18h

Table with columns: FUS3, TCU, TWT, TDCB, WHP, NNSB, NNS, NFF, NSTT, LIOB, KSHI. Rows include station names like Fushou, Taichung, Tachien, etc.

THE 23 18:23:12.0, 38°40'N, 0°22'03"E, 0.6, h4km, 1km, M2.7/29, MLh2.7/29, Greece

Main table for 23D 18h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SERG, Efpalio, Kalitheia, Lakka, etc.

ICD 23 18:23:45.1, 2.2, 38°53'N, 21°9'E, h0km, mb3.6/6, mbtmp3.6/7, ML3.0/1, MS4.2/2, Error ellipse: s-maj=36.6km s-min=19.3km az=164.0

ATH 23 18:23:46.6, 38°40'N, 22°03'E, h8km, 1km, ML3.1/9, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 23 18:23:46.7, 38°40'N, 0°22'03"E, 0.7, h7km, 1km, M3.3/16, MLh3.3/16

ISC 23 18:23:46.7, 0.7, 38°40'N, 0°22'03"E, 0.02, h9km, 4km, n48, c0f77/1, mb3.8/4, 3C-3D, Greece

Main table for 23D 18h (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SERG, TRIZ, MAGOULA, etc.

2020 DEC

Main table for 2020 DEC with columns: PLEV, DRO, DRO, DRO, GOURA, EVRYTANIA, ARAXOS, PRODROMOS, ASTAKOS, LOURAKI, ARTEMIDA-MAKIS, VILLIA, OHRID, VILANDOVOS, APE, MATE, BLBK, VOIR, BRTR, BRTR, BRTR, FINES, EKA, TORD, KURSB, MKAR, ZALV, etc.

ICD 23 18:32:34.7, 1.59, 47°N, 153°58'W, h88km, 68km, mb3.7/2, mbtmp3.7/4, ML3.2/2, Error ellipse: s-maj=58.7km s-min=33.4km az=173.0

NEIC 23 18:32:34.7, 0.8, 59°38'N, 0°03'153°37'W, 0.07, h106km, 3km, ML3.0/125, ML2.9(AEIC), Error ellipse: s-maj=6.4km s-min=2.7km az=137.0

AEIC 23 18:32:36.0, 1.1, 59°39'N, 0°04'153°41'W, 0.08, h99km, 3km, Error ellipse: s-maj=6.2km s-min=4.9km az=133.0

ISC 23 18:32:34.4, 0.9, 59°38'N, 0°04'153°36'W, 0.04, h107km, 6km, n165, c0f66/151, Southern Alaska

Main table for 2020 DEC (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AUGUSTINE MOUN, AUGUSTINE CONE, AUGUSTINE FLOW, etc.

1120

Main table for 1120 with columns: PLK1, R17L, P16K, P16K, O16K, SUSA, SUSA, SUSA, PLBL, FC01, FC01, M20K, SKT, M17K, M17K, M22K, SII, SII, SII, L19K, L19K, PWL, N16K, PMR, PMR, P23K, P23K, L20K, L20K, M16K, GHO, GHO, L18K, CUT, CUT, SML, SML, SML, N15K, N15K, PPLA, HIN, HIN, HIN, CHIR, CHIR, CHIR, L16K, SCM, EYAK, EYAK, EYAK, K20K, CAST, K17K, DIV, DIV, KLU, TRF, TRF, TRF, J18K, GOAT, CHUM, PS12, PS12, RND, BMR, DHY, DHY, DHY, J19K, J20K, MCK, MCK, MCK, BPAW, N25K, BERG, HARP, HARP, WACK, GLB, GLB, VREDI, VREDI, VREDI, CRQM, CRQM, CRQM, TGL, MCARA, KIAG, PTPK, K24K, HDA, M25K, YAH, YAH, GRNC, BARN, I23K, COLA, MDM, ILAR, ILAR, ILAR, H21K, LOGN, M27K, M27K, PZK, PZK, PZK

1121

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCRCR, J25K, YUK2, IMAR, etc.

CRAAG 23 18:36:52.3,36:33N:3:01E, M3.6, Algrie 07km NW El-Omaria
MDD 23 18:36:52.3,0.7,36:16N:3:17E, h2km,16km, Mba,3/28, M_m3,7/28, Error ellipse: s-maj=21.3km s-min=3.8km az=142.0

Main table for section 1121 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADOR, AKED, ABA, etc.

2020 DEC

Main table for section 2020 DEC with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HRAO, HRAO, PRYS, etc.

23d 19h

Main table for section 23d 19h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYN, JZS, JZS, etc.

Table with columns: WRA, Snn, Snn, 19 50 01.7 -12, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Marble Bar, etc.

NNC 23 19:46:37.9.3.0, 39.71N:73.82E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=22.3km s-min=12.0km az=170.0

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, Salom-Alik, Osh, etc.

TRKS 2.99 308f eP Sb 19 47 03.8 -1.8

BOOM 3.06 24f eP Sb 19 47 32.0 -1.6

MRKS 3.13 346 fP Lg 19 48 13.3

MRKS 3.13 346 eP Sb 19 47 36.2 +1.3

KDJ 3.28 41f eP Sb 19 47 35.5 -1.9

KST 3.57 20 fP Lg 19 48 28.4

KST 3.57 20 eP Sb 19 47 42.6 +0.2

DRO 0.50 211 fP Sg 19 48 28.4 +3.5

DRO 0.50 211 fP Sg 19 48 38.4

DRO 0.50 211 fP Sg 19 47 48.2 +3.5

DRO 0.50 211 fP Sg 19 48 38.4 -0.3

TNSS 3.89 30 fP Lg 19 48 45.8

TNSS 3.89 30 eP Sg 19 47 52.7 -1.5

TNSS 3.89 30 eP Sg 19 48 45.8 +1.1

IUG 4.03 309 fP Lg 19 47 46.6 -3.6

IUG 4.03 309 eP Sg 19 47 46.6 -3.6

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like TRIZ, SERG, MG00, KALE, etc.

LAKA 0.15 196 fP Sg 19 47 36.2 +1.3

Vomvokou 0.18 284 fP Sg 19 47 36.2 +1.3

Vomvokou 0.18 284 fP Sg 19 47 36.2 +1.3

Rio 0.21 246 fP Sg 19 47 02.8 +1.0

Ano Chora 0.23 338 fP Sg 19 47 20.7 +2.4

Ano Chora 0.23 338 fP Sg 19 47 20.7 +2.4

Patra C 0.24 243 fP Sg 19 47 15.6 +1.9

Patra B 0.28 239 fP Sg 19 47 32.7 +1.1

Kalavryta, Ach 0.35 164 fP Sg 19 47 32.7 +1.1

Kalavryta, Ach 0.35 164 fP Sg 19 47 32.7 +1.1

Delphi 0.38 75 fP Sg 19 47 36.2 +1.3

Messolongi 0.48 269 fP Sg 19 48 18.0 -2.4

Plevrona-Mesol 0.49 274 fP Sg 19 48 15.4 -1.7

Plevrona-Mesol 0.49 274 fP Sg 19 48 15.4 -1.7

Drossia 0.50 211 fP Sg 19 47 42.6 +0.2

Drossia 0.50 211 fP Sg 19 47 42.6 +0.2

Goura 0.51 151 fP Sg 19 47 48.2 +3.5

Goura 0.51 151 fP Sg 19 47 48.2 +3.5

Araxos 0.55 251 fP Sg 19 47 52.7 -1.5

Evrytania 0.56 342 fP Sg 19 48 45.8 +1.1

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like Lefkada island, Kipseli, Zakin, etc.

Lefkada island 1.10 283 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Lefkada island 1.15 291 fP Sg 19 47 36.2 +1.3

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like KTHA Kythira Island, THE Thessaloniki, HORT Hortiatis, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like NRCA Norcia, SAHR Sahastru, PLOR Plostinia, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like H29M comp=Z,2.3nm,1.3s, G19K Purcell Mounta, G19K Tagagawari, etc.

23d 21h

Table with 5 columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like Mount Harif, Elat, etc.

IDC 23 20:48:15.2±1.7, 6.70S:128.34E, h0km, mb3.4/2, mbmtmp3.4/4, ML3.5/2, MS3.7/1, Error ellipse: s-maj=204.1km s-min=22.4km az=65.0, Banda Sea

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like WRA Warramunga Arr, WRA Alice Springs, ASAR Alice Springs, etc.

THE 23 20:55:49.3, 38°N 1°26'9E:0.4, h10km, 1km, M2.6/7, M1h2.6/7

AFAD 23 20:55:49.2, 37°84N-26°92E, h7km, 3km, M2.4

ISK 23 20:55:49.1, 37°82N-26°88E, h8km, h8km, M2.3/27

ISC 23 20:55:49.2±0.8, 37.82N:0.02, 26.89E:0.02, h14km, 6km, n61, n081/87, Dodecanese Islands

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like SMG Samos, GMLD Gumuldur, GCAM G?zelcam!, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like BLBC Balcova, UURL Izmir, UURL Urala, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like CESE eme, DAGE izmir, YKAV Yalikavak-Bodr, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like BDRM Bodrum, BODT Bodrum, BODT Bodrum, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like ODEM Odemis-Izmir, NAZL Nazilli-Aydin, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like YAZI Yaziky, Data, KIRA Kiraz, zmir, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like KTTT Salihi, YER Yerkestik, etc.

2020 DEC

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like GORD Ayyalik, TURN Turunc, KULA Kula-Manisa, etc.

IDC 23 21:04:09.0±1.8, 11°45'Sx121.98E, h0km, mb3.5/1, mbmtmp3.6/5, ML3.5/4, Error ellipse: s-maj=26.3km s-min=16.4km az=85.0, South of Timor

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like BATI Baumata, BATI Fitzyro, FITZ Fitzyro, etc.

IDC 23 21:13:38.9±0.8, 36°45'N-28°72'E, h0km, mb3.5/5, mbmtmp3.5/12, ML3.3/5, MS2.8/3, Error ellipse: s-maj=12.9km s-min=10.4km az=5.0

ATH 23 21:13:41.1, 36°49N-28°81E, h15km, 2km, ML3.9/18, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

Gll 23 21:13:41.1±0.0, 36°34.3N:0.001, 28°85.6E:0.001, h0km, Mws3.9, confirmed

ISK 23 21:13:42.3, 36°52N-28°70E, h13km, ML3.7/23

ISC 23 21:13:42.3, 36°52N-28°79E, h17km, 2km, ML3.7/113

AFAD 23 21:13:42.4, 36°52N-28°71E, h12km, 2km, MW3.7

THE 23 21:13:43.2, 37°N±2'9E:1, h9km, 3km, M3.6/35, MLh3.6/35

ISC 23 21:13:41.8±0.7, 36°50N:0.02, 28°74E:0.02, h22km, 2km, n180, n165/265, mb3.2/4, Dodecanese Islands

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like FETY Fethiye, DALY Dalyan, SABU Sabunlu, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like TURN Turunc, ARG Arkhangelos, ARG Arkhangelos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like YER Yerkestik, ARG Arkhangelos, ARG Arkhangelos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like CAEL Denizli, Camel, DNZT Dereazi, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like CAEL Denizli, Camel, DNZT Dereazi, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like DENIZLI_Tavas, Golhisar, Yaziky, Data, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like ANT B Antalya, KARP Karpathos, KARP Karpathos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

Table with 5 columns: Code, Station Name, Frequency, Power, Modulation. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

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Table with columns: Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like PRK Alefka, ALFC Sivas, and various observatories.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like MLI GNI, GERES GERES Array B, and FINES FINESS Array B.

SDD 23 21:42:08.4 ± 0.5, 183.32N x 71.79W, h35km, 4km, MD2.8, ML2.2, MW3.0, Presumed earthquake

OSPL 23 21:42:11.0 ± 1.7, 183.36N x 71.62W, h12km, 15km, ML2.0, Presumed earthquake

ISC 23 21:42:09.9 ± 1.4, 183.70N x 71.66W, 0.04, h17km ± 10km, n10, c1903/19, 2C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like LODOU EI Espartillar, JIDR Jimani, NEDR Neiba UASD, and LONE3 El Aguacate B.

PRE 23 21:42:44.7 ± 1.3, 21.68S x 33.96E, h5km, ML2.8, Presumed earthquake

ISC 23 21:42:47.1 ± 2.7, 21.39S x 33.5E, 0.1, h10km, n8, c519/16, Mozambique

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like MOPA Mopani, MUSN Musina, PILG Pilgrimsrest, and BLWY Bulawayo.

JSO 23 22:01:53.2 ± 3.7, 33°N, 25°E, 1'6", h10km, M3.9/7, MLV3.9/7

GII 23 22:01:53.7 ± 0.0, 33°40'N, 0°01'34" E, 686E, 0°00'1, h0km, Mws2.8, confirmed

GRAL 23 22:01:54.0 ± 0.4, 33°43'N, 34°68'E, h25km, 3km, MD3.2

NIC 23 22:01:54.4 ± 3.3, 44N, 34.79E, h32km, 31km, ML2, 4/2

ISC 23 22:01:53.0 ± 1.3, 33.44N, 0.03, 34.76E, 0.03, h14km ± 10km, n53, c0962/82, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like HNTI Hanita, ZRT Zar'it, MMAOB Mount Meron ar, and KIRY Kiryat Shemona.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like MMLI Mount Malkishu, MMLI Mount Malkishu, and HWQ Hawqa.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like AMAZ Amatzia, AMAZ Amatzia, and AMAZ Amatzia.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like AMAZ Amatzia, AMAZ Amatzia, and AMAZ Amatzia.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like KZIT Kziot, AKMS Akamas, and PRNI Paran.

IDC 23 22:18:52.6 ± 2.8, 5°97'N, 124°02'E, h548km, 42km, mb3.1/8, mbtmp4, 1/9, Error ellipse: s-maj=33.8km s-min=12.7km

ISC 23 22:18:49.0 ± 0.8, 6°0N, 0°1, 123.9E, 0°2, h500km, n10, c137/11, mb3.8/8, Mindanao

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like DDMP Don Marcelino, DDMP Don Marcelino, and DDMP Don Marcelino.

CMAR Chiang Mai Arr 27.27 299 P 22 23 55.1 +1.4

WRA Warramunga Arr 27.76 158 P 22 23 56.3 -1.6

ASAR Alice Springs 31.07 162 P 22 24 26.1 -0.6

STKA Stephens Creek 41.29 157 P 22 25 50.4 -0.7

SOMN Songoing Array 44.28 343 P 22 26 14.6 0.0

MKAR Makanchi Array 54.08 326 P 22 27 26.9 -0.1

PETK Petropavlovsk- 54.48 24 P 22 27 28.6 -1.2

KURBB Kurchatov Arra 58.31 328 P 22 27 55.7 -0.5

BUI 23 22:19:46.0 ± 5.0, 85S x 101°17'E, h10km, mb5.2/23, mb5.2/27, Ms4.9/62, Ms7.4/763

MOS 23 22:19:52.3 ± 1.0, 4.27S, 101°28'E, h12km, mb5.3/55, Ms4.5/5, Error ellipse: s-maj=8.6km s-min=4.5km

23d 22h

nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 23-22:19:53.9+0.6, 4.48S, 0.04:101.10E, 0.03:h18km, 2km, h18km; p-P, n572, c1938/560, m5.1/179, MS4.4/75, 34C-19D, Southern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists various seismic stations and their recorded data points.

2020 DEC

Table with columns: Station Name, Time, Residual, Magnitude, Quality. Lists seismic events with station names like BKKI, RTBI, SRBI, BKB, BKBK, TWSI, etc.

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Table with columns: Station Name, Time, Residual, Magnitude, Quality. Lists seismic events with station names like MTN, HYB, SHL, GYA, DBNI, PMSI, etc.

Table with columns for station call signs (e.g., MTSU, HTT, BTO2), frequencies (e.g., 44.37 111), and other parameters (e.g., P, P, 22 28 02.7 -1.0). Rows list various stations and their transmission details.

Table with columns for station call signs (e.g., TNSS, MDOX, EIDS), frequencies (e.g., 52.10 338), and other parameters (e.g., eP, P, 22 29 04.3 +0.8). Rows list various stations and their transmission details.

Table with columns for station call signs (e.g., H04S1, KLR, H04S3), frequencies (e.g., 59.75 217), and other parameters (e.g., T, T, 23 34 46.8). Rows list various stations and their transmission details.

23d 22h

Table with columns for station ID (e.g., SHMJ, MATP, GAZ), name, coordinates, frequency, power, and other technical details.

2020 DEC

Table with columns for station ID (e.g., AKASG, AKKB, AKO1), name, coordinates, frequency, power, and other technical details.

1128

Table with columns for station ID (e.g., MYKA, BIOA, GERES), name, coordinates, frequency, power, and other technical details.

IDC 22:27:51.6; 1.8, 4:42S; 101:06E, h0km, mb4,0/10, mbmp4,0/10, Error ellipse: s-maj=70.5km s-min=17.5km az=56.0

NEIC 22:27:52.8; 1.1, 4:55S; 0:1x101:05E:0:06, h10km, mb4,3/9, Error ellipse: s-maj=19.7km s-min=9.7km az=195.0

DJA 22:27:54.3; 0.5, 4:53S; 10:10E, h10km, M4, 1/16, MLV4, 1/16

ISC 22:27:51.9; 3.7, 4:46S; 0:08x101:05E:0:07, h5km, n23km, n50, o964/43, mb4,2/15, 1D, Southern Sumatera

Table with columns for Code, Station Name, Time, Res, and other details for various stations like MYKA, BIOA, GERES, etc.

24d Oh

Table of seismic data for stations 24d Oh, including columns for station name, coordinates, and various parameters like Pn, Sn, Pmax, and time offsets.

2020 DEC

Table of seismic data for stations in 2020 DEC, including columns for station name, coordinates, and various parameters like Pmax, P, S, and time offsets.

1130

Table of seismic data for stations 1130, including columns for station name, coordinates, and various parameters like P, S, Pmax, and time offsets.

SNET 23:23:56.03:3.5:4, 13:35N:88:08W, h1km, ML3.3, Presumed earthquake
CATAC 23:23:56.05:6:0.1, 13:31N:2:8:8W, h5km, 1km, M3.4/20, ML3.4/20, Error ellipse: s-maj=5.2km s-min=1.4km

Table of station information for stations 1130, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Resolution.

CATAC 24:00:07:32:0.0, 13:31N:2:8:8W, h5km, 2km, M3.8/16, ML3.8/16, Error ellipse: s-maj=5.0km s-min=1.9km az=17.9, confirmed, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COEG Centro de Oper, PAVA Las Pavas, TGUH Tegucigalpa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKKC Okains Bay, MNZS Menzies Bay, GUMS Summer, etc.

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

NAO 24 00:14:57.9:0.3, 76:38N:16:50E, h10km, ML3.1
KOLA 24 00:14:58.3: 76:54N: 17:00E, h0km, ML2.9,
Spitsbergen, Barents Sea
FCIAR 24 00:15:00.0, 76:47N:16:40E, h10km, station OMEGA has
station magnitude of 3.00
BER 24 00:15:00.2-3.5, 76:43N:16:84E, h10km, ML2.4, 1D,
Confirmed Earthquake, Svalbard region

NOU 24 00:17:57.0, 44:78S:173:46E, h12km, mb4.6/7, Off E.
Coast of S. Island, N.Z.
WEL 24 00:18:16.0:0.6, 43:54S:173:3E, h21km, 4km, M3.5/16,
ML3.4/17, ML3.5/16, Error ellipse: s-maj=7.3km
s-min=4.2km az=115.5
ISC 24 00:18:15.0:1.2, 43:49S:0:04:173:51E:0:05, h30km, 12km,
n92, c086/105, Off east coast of South Island

HEL 24 00:52:56.3:0.1, 67:85N:20:08E, h0km, ML1.8, Suspected
explosion
UPP 24 00:52:56.6:0.0, 67:85N:20:21E, h0km, ML2.5, Suspected
explosion
IDC 24 00:52:58.4: 1.4, 67:92N:19:98E, h0km, mbtmp3.4/4,
ML2.3/4, Error ellipse: s-maj=18.7km s-min=10.1km
az=108.0
ISC 24 00:52:57.0:0.7, 67:86N:0:02:20:24E:0:02, h0km, n44,
s114/67, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRBA Barentsburg A, SPAO Spitsbergen Ar, SPAO Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMCZ Amberley, RACZ Rakaia, KHZ Kahutara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RATU Laukkulussa, RATU Salmi, KOVU Salmi, etc.

KOLA 24 00:15:14.3, 75:85N:19:54E, h0km, ML2.1, Storfjorden
zone, Svalbard region
Code Station Name Az Phase ID Time Res
ARCES ARCES Array B 6.59 161 P S 00 16 46.0 -6.3
ARCES ARCES Array B 6.59 161 S S 00 18 01.0 -7.0
TERR Teriberka 1.82 137 S S 00 18 38.6 -6.9
FAUS Fauske 8.62 191 P S 00 17 28.2 +6.2
FAUS Fauske 10.05 189 eP S 00 18 45.9 -1.2
APAO Apatity Array 9.26 146 P P 00 17 25.7 -3.2

Code Station Name Az Phase ID Time Res
URW Urewera 5.90 29 P P 00 19 39.5 -0.7
URW Urewera 5.95 15 P P 00 19 35.5 -1.9
MRZ Matawai 5.98 32 P P 00 19 40.0 -1.6
TWG Tauwhareparea 6.30 34 P P 00 19 45.6 -0.3
RUG Raukumara Rang 6.36 31 P P 00 19 45.9 -0.9
AWAZ Awitahi Peninsula 6.48 8 P P 00 19 49.5 +1.2
MKAZ Moumaki 6.50 12 P P 00 19 48.8 +0.2
HAZ Te Kaha 6.59 31 P P 00 19 49.6 -0.1

MOS 24 01:24:12.4:1.0, 0:14S:124:32E, h42km, mb5.3/55, Error
ellipse: s-maj=9.5km s-min=5.0km az=118.3
IDC 24 01:24:13.9:1.6, 0:19S:124:35E, h38km, 13km, mb4.6/28,
mbtmp4.9/33, ML4.9/5, MS4.1/60, Error ellipse:
s-maj=12.9km s-min=7.9km az=72.0
GFZ 24 01:24:13.2:0.1, 0:1S:124:35E, h30km, M5.1/82,
mb5.2/82, Error ellipse: s-maj=3.4km s-min=2.9km
az=41.2, confirmed
NEIC 24 01:24:13.7:1.8, 0:15S:0:06:124:44E:0:04, h31km, 3km,
mb5.3/89, MW5.2/18, Error ellipse: s-maj=9.5km
s-min=4.9km az=155.0
GCMT 24 01:24:15.8:0.1, 0:35S:0:01:124:39E:0:01, h37km,
MW5.2/124, Moment Tensor Solution. s116:c185;
s124:c201; Duration: 1s0 Moment tensor: Scale 10^17
Nm; Mn=0.81c2; Mo=0.58c1; Mo=0.22c0;
Mo=0.26c1; Mo=0.42c1; Mo=0.36c1; Best double
couple: Mo:0.94300x10^17 NP1:0.247, 0.00000, 0.333, 0.00000,
7.107, 0.00000. NP2:0.47, 0.00000, 0.559, 0.00000, 7.79, 0.00000.
Principal axes: T: 0.9320, P1: 0.9400, Azm: 289.0000, N:
0.0220, P1: 0.0000, Azm: 0.0000, P: -0.9540, P1: 13.0000,
Azm: 144.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

GFZ 24.01:24:16.9,0.27S;124.57E,h30km,Mw5.1/118,Moment Tensor tensor... Moment tensor: Scale 10^16Nm...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists seismic stations and their recorded data.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI, MTSU, MEK, KCSI, JOW, MSLI, etc.

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

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

Table with columns: QSPA, South Pole Qui, 89.66 180 P, 01 37 08.5 +1.0, etc. Includes various station codes and coordinates.

Table with columns: LCO, BOAB, JTS, etc. Includes station codes, coordinates, and various codes like PKP2, PKPbc, etc.

Table with columns: KALE, Kalithea, 0.09 85 P, Pg, 01 45 15.8 -0.2, etc. Includes station codes and coordinates.

24d 2h

Table with columns for station name, time, and other details. Includes stations like LTHK, TSoukalades, L, P, S, AML, etc.

VAO 24 02:25:26.3z, 25.25:25S:69.52W, h39km, 13km, mb4.6, Presumed earthquake
SJA 24 02:25:59.7z, 0.6, 24:19S:67.03W, h146km, 6km, ML4.1, MW4.0
IDC 24 02:26:00.2z, 1.7, 24:21S:67.06W, h164km, 16km, mb3.77, mbtmp, 1/13, Error ellipse: s-maj=11.3km az=81.0
NEIC 24 02:26:00.5z, 1.7, 24:28S:0.07z:67.11W:0.09, h168km, 6km, mb4.2/28, Mw4.3(GUC), Error ellipse: s-maj=11.3km s-min=9.6km az=93.0
GUC 24 02:26:01.0z, 2.4, 24:25S:67.62W, h221km, 9km, ML4.3, Presumed earthquake
ISC 24 02:25:50.0z, 0.6, 24:25S:0.03z:67.24W:0.04, h170km, 6km, n140, e160/168, mb4.2/17, 10C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SALTA, AF01, SLA, etc.

2020 DEC

Main table with columns: AC02, IAML, Time, Res. Includes stations like PB10, PB10, PB10, etc.

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Table with columns: SRU, Iamb, Iamb, Time, Res. Includes stations like P18A, CCUT, TORD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H11N3 WAKE ISLAND Hy 37.00 219 T, H11N1 WAKE ISLAND Hy 37.01 219 T, H11S1 WAKE ISLAND Hy 38.18 218 T, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VERH Veragua Rainfo 1.20 991 eP, LAPC Finca la Perla 1.21 3021 eP, ALIBA Liberia Aipor 1.23 2921 eP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HUMP 844nm,0.2s IAML, HUMP 562nm,0.2s IAML, Col San Antoni 1.35 2431 eP, etc.

IDC 24 02:57:06.5:3.0,8:19S:-112.74E, h0km, mb3.1/3, mbtm3.2/3, Error ellipse: s-maj=181.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr 23.95 121 P, ASAR Alice Springs 25.45 130 P, MKAR Makanchi Array 61.09 372 P, etc.

NNC 24 03:00:00.4:6.3,37:68N:71:23E, h0km, mb4.0, mpv3.8, Error ellipse: s-maj=49.3km s-min=36.6km az=168.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMU Jammu 5.13 147 eS, ALCI Alchi Leh 5.41 121 eP, UCH Uchtr 5.58 23 P, etc.

ISC 24 02:59:57.1:0.8,37:13N:0:06:71.56E:0:09, h106km, m22, s294/32, 4C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TSSA Tissa 5.71 137 eP, EKS2 Erkin Say 5.78 16 P, THN Thein Dam 5.82 142 eP, etc.

UCR 24 02:41:29.0:0.9, 10:15N:-84:39W, h69km, 2km, MW4.0, Fault plane solution: NP1:0.308 60000, delta 1.50000, 1.163 30000, Presumed earthquake

CATAC 24 02:41:30.0:0.3, 10:1N:2:8 4W, h49km, 3km, M3.5/1.3, MLV3.5/1.3, Error ellipse: s-maj=8.3km s-min=2.7km az=51.1, confirmed

ISC 24 02:41:29.8:1.3, 10:13N:0:03:84.39W:0:03, h67km, 5km, n107, e0554/126, 20C-28D, Costa Rica

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZARE Zarcero 0.06 0 eS, SARCHI Sarchi 0.06 131 eS, PALD Palmares 0.09 211 eS, GREC Grecia 0.10 124 eP, etc.

IDC 24 03:02:00.1-4.1, 12:86N:-125.73E, h0km, mb3.3/4, mbtm3.3/4, Error ellipse: s-maj=348.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array 12.52 356 P, AB31 Akbulak array 14.76 329 P, AKTO Aktyubinsk 16.47 328 P, etc.

IDC 24 03:02:00.1-4.1, 12:86N:-125.73E, h0km, mb3.3/4, mbtm3.3/4, Error ellipse: s-maj=348.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PALO Palo 1.84 203 eP, WRA Warramunga Arr 33.69 165 P, ASAR Alice Springs 37.18 160 P, etc.

TRN 24 03:04:15.3, 18:83N:-64:48W, h59km, MD4.0, Near North-west of Anegada.

NEIC 24 03:04:17.5:1.4, 18:7N:0:1:64:59W:0:06, h35km, 2km, ML3.4/47, Md3.7/14(RSPR), Error ellipse: s-maj=21.1km s-min=9.2km az=4.0

RSPR 24 03:04:19.6, 18:72N:-64:68W, h30km, 25km, MD3.7/14

ISC 24 03:04:16.2:1.7, 18:8N:0:1:64:59W:0:03, h58km, 3.7km, n48, e086/64, 10C-1D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HUMP Col San Antoni 1.35 243 Op, HUMP Guaynabo City 1.49 253 eP, etc.

SKHL 24 03:25:44.0:0.1, 45:00N:151:10E, h56km, 4km, mb5.0/6

NEIC 24 03:25:46.0:1.3, 45:29N:0:06:150:9E:0:1, h35km, 2km, mb4.4/18, Error ellipse: s-maj=17.7km s-min=4.7km az=121.0

MOS 24 03:25:45.1:1.0, 45:28N:150:81E, h50km, mb4.3/9, Error ellipse: s-maj=11.0km s-min=10.0km az=48.9

JMA 24 03:25:47.5:1.1, 45:1N:3:15:1E:1, h30km, MV4.6/17, KURILE ISLANDS REGION

IDC 24 03:25:48.9:3.2, 45:31N:150:79E, h64km, 27km, mb3.5/14, mbtm3.8/16, ML3.9/11, MS3.4/3, Error ellipse: s-maj=23.4km s-min=18.4km az=112.0

ISC 24 03:25:44.6:0.6, 45:06N:150:99E:0:07, h35km, n105, e1930/106, mb4.1/29, MS3.4/3, 1C, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CBE FI, Capester 3.90 133 P, MAGL Barre de l'ile 4.21 131 P, MAGL Barre de l'ile 4.21 131 eS, etc.

SKHL 24 03:25:44.0:0.1, 45:00N:151:10E, h56km, 4km, mb5.0/6

NEIC 24 03:25:46.0:1.3, 45:29N:0:06:150:9E:0:1, h35km, 2km, mb4.4/18, Error ellipse: s-maj=17.7km s-min=4.7km az=121.0

MOS 24 03:25:45.1:1.0, 45:28N:150:81E, h50km, mb4.3/9, Error ellipse: s-maj=11.0km s-min=10.0km az=48.9

JMA 24 03:25:47.5:1.1, 45:1N:3:15:1E:1, h30km, MV4.6/17, KURILE ISLANDS REGION

IDC 24 03:25:48.9:3.2, 45:31N:150:79E, h64km, 27km, mb3.5/14, mbtm3.8/16, ML3.9/11, MS3.4/3, Error ellipse: s-maj=23.4km s-min=18.4km az=112.0

ISC 24 03:25:44.6:0.6, 45:06N:150:99E:0:07, h35km, n105, e1930/106, mb4.1/29, MS3.4/3, 1C, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk 2.22 276 eP, KUR Kuril'sk 2.22 276 eS, KUR Kuril'sk 2.22 276 eP, etc.

24d 3h

Table of seismic data for 24d 3h, listing stations like AKK, JAK, JTKR, JAR, etc., with columns for station name, time, magnitude, and other parameters.

2020 DEC

Table of seismic data for 2020 DEC, listing stations like KIV, KBZ, KBZ, etc., with columns for station name, time, magnitude, and other parameters.

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Table of seismic data for 1138, listing stations like YKA, PDAR, TXAR, LPAZ, etc., with columns for station name, time, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like EHYH Wanrong, VVDT, JJJ Ishigaki jima, etc.

GFZ 24 03:54:32.6:0.4, 19°S, 173°W, h10km, M4.6/11, mb4.6/11, Error ellipse: s-maj=15.4km s-min=10.2km az=164.7, confirmed

NEIC 24 03:54:33.5:1.9, 18.82S; 0:08:172.72W; 0:08, h10km, 1km, mb4.6/20, Error ellipse: s-maj=14.4km s-min=11.2km az=28.0

IDC 24 03:54:36.0:0.7, 18:80S; 173:40W, h0km, mb4.2/12, mbmp=2.1/3, ML4.3/1, MS3.3/4, Error ellipse: s-maj=27.3km s-min=11.1km az=111

ISC 24 03:54:33.9:0.5, 18.81S; 0:06:172.81W; 0:07, h10km, n68, c176/64, mb4.5/33, MS3.5/3, 1C, Tonga Islands region

Main station list for the first section, including stations like NIUE Niue, AFI Afiamalu, MSVF Nonsavu, RAO Raoul Island, etc.

Continuation of station list, including stations like TOZ Tahuroa Road, PPT Papeete, HIZ Hauri, MRZ Wangaitakea R, etc.

Continuation of station list, including stations like ARMA Armidale, CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BJ12 Beijing, HHC Hu-ho-hao-te, CMAR Chiang Mai Arr, etc.

NEIC 24 03:57:47.6:1.2, 17:85N; 0:03:66.84W; 0:01, h10km, 1km, ML3.4/37, ML3.5/(RSPR), Error ellipse: s-maj=5.9km

RSR 24 03:57:48.5:1.7, 93N; 66:85W, h12km, ISC 24 03:57:47.3:1.1, 17:93N; 0:07:66.84W; 0:03, h2km, 7km, n31, c0562/38, 5C-3D, Puerto Rico region

Main station list for the second section, including stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

THE 24 04:01:34.4, 39°N, 04:22:0E; 0:5, h11km, 1km, M0.8/11, MLH0.8/11, Greece

Main station list for the third section, including stations like SERG Sergoula, EFP Efpalio, KALE Kalithea, etc.

IDC 24 04:00:58.8:6.4, 1°17'N; 99°20'E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=346.5km s-min=27.1km az=55.0

DJA 24 04:01:58.2:0.3, 2°S; 3°10'2E, h185km, 3km, M3.7/26, MLV3.7/26

ISC 24 04:01:57.2:1.3, 2.4S; 0:2:102.2E; 0:1, h200km, n17, c0569/17, Southern Sumatera

Main station list for the fourth section, including stations like MASI Maura Aman, Be, KSI Kapahiang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KASI Pulau Batu, PBSI Diego Garcia H, WRA Warramunga Arr, etc.

ATH 24 04:02:22.0, 38°34N-23°37E, h13km, 2km, ML1.0/6, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Main station list for the fifth section, including stations like VIL2 Platees, Stefani, Lokris, etc.

STR 24 04:15:46.3:0.4, 44°53'N; 0:09:5'43E; 0:09, h0km, MLV2.3/28, LOOSAT earthModelID alpes_taup-2.11 preliminary

LDG 24 04:15:47.3:0.1, 44°58'N; 5:44E, h2km, Md2.8/2, Ml2.7/24, Error ellipse: s-maj=1.3km s-min=1.1km az=10.0

MDD 24 04:15:47.1:0.3, 44°64'N; 5:35E, h6km, 2km, Mb3.5/9, M, mb2.7/7, Error ellipse: s-maj=2.2km s-min=1.6km az=150.0

ISC 24 04:15:46.7:1.0, 44°58'N; 0:02:5'40E; 0:01, h13km, 9km, n64, c1512/115, France

Main station list for the sixth section, including stations like ORIF Oris-en-Rattie, SMRF Simiane la Rot, etc.

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Table with columns: Station Name, Rata Peaks, Time, Res, and various codes. Includes stations like RZP, JTS, TAM, URZ, ESQI, etc.

SNET 24 04:31:35.9.5.2, 13.33N, 88.09W, h9km, ML2.9, Presumed earthquake
CATAC 24 04:31:37.5.3.1, 13.3N, 88.09W, h5km, 1km, M2, 7/13, ML2.7, 7/13, Error ellipse: s-maj=6.9km s-min=2.0km az=20.9, confirmed

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like INT, INT, LCND, etc.

JMA 24 04:48:06.3, 0.3, 2.5 N2.2, 122.4E, 0.6, h105km, 3km, MV2.5/10, NW OFF ISHIGAKIJIMA IS
TAP 24 04:48:06.2, 24.73N, 122.41E, h109km, ML3.8, C
ISC 24 04:48:06.0, 4.4, 24.72N, 122.43E, 0.03, h110km, 7km, n15, c095/203, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like EOS2, EOS2, EOS2, etc.

2020 DEC

Main table with columns: Station Name, Rata Peaks, Time, Res, and various codes. Includes stations like EFS3, EFS3, EFS3, etc.

24d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like WVKF, WVKF, WVKF, etc.

IDC 24 05:05:28.9.2.2, 59.90S:29.83W, h0km, mb4.2/3, mbmp4.2/3, Error ellipse: s-maj=81.5km s-min=5.3km az=171.0

NEIC 24 05:05:29.3.1.4, 59.9S:0.1x30.0W:0.2, h10km, mb4.6/21, Error ellipse: s-maj=21.1km s-min=15.6km az=234.0

ISC 24 05:05:29.4.0.7, 59.9S:0.1x30.0W:0.1, h10km, n28, c0577/27, mb4.5/10, 1C, South Sandwich Islands region

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

IDC 24 05:08:58.7.1.1, 5.75N-68.60W, h0km, mb3.6/3, mbmp3.7/4, ML2.8/1, Error ellipse: s-maj=34.1km s-min=25.4km az=1.0, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Colombia event.

TEH 24 06:43:11.3, 33.63N:45.57E, h10km, mb1km, ML2.6, Presumed earthquake

ISN 24 06:43:11.0.0.9, 33.63N:45.58E, h15km, mb1.2, Presumed earthquake

ISC 24 06:43:11.6.1.2, 33.62N:0.04:45.58E:0.05, h16km, mb1.3km, n11, c0576/16, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Iran-Iraq border event.

SJA 24 07:20:48.8.0.5, 23.12S:69.71W, h75km, mb4km, ML4.1, MW4.0

IDC 24 07:20:50.2.2.7, 23.20S:69.66W, h65km, mb3.4/4, mbmp3.7/9, MS2.4/1, Error ellipse: s-maj=36.7km s-min=17.1km az=97.0

NEIC 24 07:20:50.6.1.9, 23.04S:0.04:69.87W:0.04, h71km, mb2km, mb4.1/9, ML4.2(GUC), Error ellipse: s-maj=6.3km s-min=4.4km az=134.0

GUC 24 07:20:51.6.0.6, 23.09S:69.78W, h63km, mb4km, ML4.2, Presumed earthquake

ISC 24 07:20:51.6.0.6, 23.07S:0.04:69.84W:0.04, h71km, mb2km, n87, c148/91, mb4.0/6, 4C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Chile event.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their recorded data.

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

NEIC 24 07:43:40.1.0.9, 17.84N:0.03:66.85W:0.01, h10km, mb3.3/2, ML3.7/57, Error ellipse: s-maj=5.3km s-min=2.9km az=13.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Puerto Rico event.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Magueyes Islan, Cabo Rojo, PR, Cerrillos, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Juan, InterUniversit, Isla Deshecho, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDDR, CBE, GRKT, MAGL, etc.

ASRS 24 07:49:37.0:0.7,53:80N:91.10E,h0km,M2.9(MQS),The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

NEIC 24 07:51:29.8:1.7,90N:66.83W,h10km... Moment tensor solution. Principal axes: T 8.3830, P 1.5829, N 0.1387.

BLA 24 07:51:29.8:1.7,90N:66.83W,h10km,M2.9... Suspected mining explosion.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR, Magueyes Islan, Cerrillos, etc.

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

IDC 24 07:49:54.5:13.0,97:55S:159.32E,h136km,119km... Error ellipse: s-maj=54.9km s-min=32.9km az=88.0

OSPL 24 07:51:29.8:1.7,90N:66.83W,h10km... Presumed earthquake

HEL 24 08:04:23.0:0.4,61:55N:31.67E,h0km,ML1.5,Explosion... Error ellipse: s-maj=44.2km s-min=22.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMA, CTA, WRA, STKA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR, Cabo Rojo, PR, Cerrillos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RUF, Joensuu, Virojoki, etc.

NEIC 24 07:51:11.8:1.3,17:90N:66.85W,h10km,1km... Error ellipse: s-maj=4.1km s-min=2.4km az=6.0

OSPL 24 07:51:29.8:1.7,90N:66.83W,h10km... Presumed earthquake

HEL 24 08:04:22.6:1.8,61:16N:07:31:59E,0:09,h0km,n31... Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR, Magueyes Islan, Cerrillos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJJG, San Juan, InterUniversit, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RUF, Joensuu, Virojoki, etc.

NEIC 24 08:08:57.7:1.7,56:22S:0.1x:27.1W,0.2,h71km,7km...

Table with columns: Station, Call Sign, Frequency, Power, Class, and Offset. Includes stations like NJ2 Nanjing, TIA Taian, UDPR Udaipur, etc.

Table with columns: Station, Call Sign, Frequency, Power, Class, and Offset. Includes stations like KURB Kurbatov, KURK Kurchatov, KSRS Korea Arr, etc.

Table with columns: Station, Call Sign, Frequency, Power, Class, and Offset. Includes stations like BR105 Elat, EIL Elat, BAL3X Baita, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WATTN Wattenberg, WATA Walderalm, MBAR Ribarara, etc.

ASRS 24 08:29:53.0±1.4, 54.62N:83.67E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 24 08:29:57.4±1.8, 54.62N:83.73E, h0km, mbtmg3.0/3, ML2.6/3, Error ellipse: s-maj=15.9km s-min=11.0km az=156.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ISC 24 08:30:13.3±1.0, 19.90N:121.59E, h0km, mb3.6/7, mbtmg3.6/7, Error ellipse: s-maj=79.2km s-min=18.8km az=66.0

MAN 24 08:30:22.0, 19.54N:121.56E, h18km, MS3.8

ISC 24 08:30:19.2±0.9, 19.86N:121.3E±0.2, h40km, n9,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PASU Pasuquing, SONMG Songoing Array, etc.

IDC 24 08:50:51.9±2.7, 7.21S:116.21E, h198km, mb3.3/5, mbtmg3.8/6, Error ellipse: s-maj=83.3km s-min=12.9km az=54.0

DJA 24 08:50:54.6±0.4, 8°S:6.11°E±1.1, h230km, 3km, M3.4/20, MLV3.4/20

ISC 24 08:50:54.3±0.8, 8.0S±0.1×115°40E±0.5, h231km±6km,

n35.±1932/45, mb3.7/5, Ball region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SRBRI Singaraja, RTBI Rangdo, etc.

IDC 24 09:14:56.3±3.6, 41.76N:109.88E, h0km, mb2.4/1, mbtmg3.1/3, ML3.5/2, Error ellipse: s-maj=42.8km s-min=31.6km az=71.0, Western Nei Mongol

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONGINO INFRAS, SONGINO Songoing Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP Obisapado Ponce, OBIP Obisapado Ponce, etc.

SNET 24 09:24:25.6±2.1, 14.02N:90.53W, h88km, ML3.1, Presumed earthquake

CATAC 24 09:24:28.7±0.5, 14°N:4°9'W±1.1, h30km, 5km, M3.3/19, MLV3.3/19, Error ellipse: s-maj=9.7km s-min=2.8km az=16.4, confirmed

CGC 24 09:24:28.7±1.1, 13.83N:90.40W, h72km, 7km, MD4.1, Presumed earthquake

ISC 24 09:24:29.0±1.7, 13.73N:90.01W±0.06, h77km±13km, n32.±111/48, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YEP Yepocapa, NUB Las Nubes, etc.

Table with columns: RANC, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, Time, Residual, Residual Error. Includes stations like RANC El Ranchito and LCND La Caada.

NEIC 24 09:34:23.8±1.4, 17.87°N±0.04; 66.84°W±0.01, h10km±1km, ML2.9/35, Md3.6/10(RSPF), Error ellipse: s-maj=6.2km s-min=2.9km az=15.0

RSRP 24 09:34:24.5, 17.93°N±6.6; 85°W, h13km, MD3.6/10 ISC 24 09:34:23.7±1.4, 17.91°N±0.06; 66.85°W±0.03, h23km±n34, s-maj=36.9C-2D, Puerto Rico region

Main station list for Puerto Rico region, including stations like Magueyes Islan, Obispo Ponce, Cabo Rojo, Cerrillos, etc.

GFZ 24 09:42:25.0±0.5, 21°S±6.6; 17°8'W±, h592km±7km, M4.3/25, mb4.3/25, Error ellipse: s-maj=15.7km s-min=12.8km az=85.3, confirmed

NEIC 24 09:42:26.4±1.5, 21.0°S±0.07; 178°5'W±0.1, h568km±7km, mb4.3/23, Error ellipse: s-maj=16.8km s-min=10.5km az=91.0

IDC 24 09:42:27.1±1.5, 21.0°S±0.09; 178°6'W±, h579km±15km, mb3.5/12, mbtmp4.4/15, Error ellipse: s-maj=18.6km s-min=13.3km az=140.0

ISC 24 09:42:26.5±0.5, 21.01°S±0.09; 178°5'W±0.08, h579km±, n139, s-maj=140, mb4.3/43, 12C-15D, Fiji Islands region

Main station list for Fiji Islands region, including stations like Nonsavu, Mare, Loyalty, Pines, etc.

2020 DEC

Main station list for 2020 DEC, including stations like WBO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

24d 10h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, Time, Residual, Residual Error. Includes stations like RONA Rosalia, Aun, MDVR Moldova, etc.

IDC 24 09:54:49.3±1.6, 2.48°S±1.38; 152°E±, h0km±, mb3.2/2, mbtmp3.3/4, ML3.3/2, MS3.4/1, Error ellipse: s-maj=32.8km s-min=29.2km az=149.0, Irian Jaya

Main station list for Irian Jaya region, including stations like Jayapura, Warramunga Arr, etc.

SNET 24 09:57:53.7±5.3, 13.35°N±88.07°W, h2km, ML2.7, Presumed earthquake

CATAC 24 09:57:55.3±0.4, 13°N±6.8; 87°W±, h7km±2km, M2.6/7, MLV2.6/7, Error ellipse: s-maj=13.3km s-min=3.5km az=24.5, confirmed

ISC 24 09:57:55.8±1.0, 13.34°N±0.06; 88.03°W±0.04, h10km±7km, n9, s-maj=164, 1D, El Salvador

Main station list for El Salvador region, including stations like La Caada, Intipuca, etc.

GCG 24 10:10:29.0±1.7, 13.22°N±91.21°W, h13km±19km, MD4.6, Presumed earthquake

CATAC 24 10:10:30.3±0.4, 13°N±5.9; 91°W±, h12km, M3.9/12, MLV3.9/12, Error ellipse: s-maj=10.8km s-min=3.4km az=24.8, confirmed

SNET 24 10:10:45.5±10.0, 13.29°N±90.08°W, h17km, ML3.9, Presumed earthquake

ISC 24 10:10:29.3±0.2, 13.33°N±0.1; 91.04°W±0.06, h8km±17km, n31, s-maj=109, 45, Near coast of Guatemala

Main station list for Guatemala region, including stations like San Jos, Escu, Yecopaca, etc.

AFAD 24 10:22:24.5, 36°50'N±28°70'E, h23km±1km, ML2.6, ATH 24 10:22:24.7, 36°51'N±28°71'E, h13km±2km, ML2.9/6, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

ISK 24 10:22:24.7, 36°54'N±28°66'E, h11km, ML2.8/19, THE 24 10:22:25.3, 37°N±2°±9'E±, h10km±3km, M2.7/6, MLh2.7/6

ISC 24 10:22:25.0±0.9, 36°52'N±0.02; 28°70'E±0.01, h15km±7km, n65, s-maj=613, 14, Dodecanese Islands

Main station list for Dodecanese Islands region, including stations like Dalyan (Mula), Pafos, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like FETY Sabunlu, IZZE zzzetin, TURN Turunc, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GCAM G?zelcami?, KUSA Kula-Manisa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like FORT WUSHI, INKA Innaminka, etc.

24d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like AWAZ, TUUV, BHZ, KHZ, MOVZ, WTAZ, KAHZ, RVAZ, etc.

TEH 24 11:38:27.0, 30.79N-56.71E, h8km, 30km, ML4.1, Presumed earthquake
IDC 24 11:38:27.5, 1.2, 30.56N-56.66E, h0km, mb3.8/11, mbmp3.8/13, ML3.3/2, MS3.2/11, Error ellipse: s-maj=31.0km s-min=20.2km az=160.0

OMAN 24 11:38:35.7, 0.1, 30.48N-57.10E, h10km, mb3.5/19, mb3.6/3, Error ellipse: s-maj=1.9km s-min=1.4km az=280.0
ISC 24 11:38:30.2, 0.5, 30.76N-56.72E, h10km, n82, g=22/89, mb4.0/10, MS3.1/7, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like KHGB, KRMI, CHMN, IBAF, IMEH, DOBD, TPRV, BSRN, etc.

2020 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like IKRD, SOHO, ALNE, MRVT, HOQ, WSAR, WSDR, SMDO, BSY, MZR, WBK, JMDO, JLN, MHTO, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like TGIG, TGIG, UXUV, UXUV, UXUV, CMIG, CMIG, CMIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VTYM Tizayuca, INVM La Marquesa, CAIG El Cayaco, etc.

UCR 24 12:20:36.8-0.9, 9.52N, 84.31W, h40km, 2km, MW3.7, Fault plane solution: NP1; 141.05000°, 84.28000°, 1.34.59000°. Presumed earthquake
CATAC 24 12:20:36.8-1.1, 9.52N, 84.32W, 0.03, h32km, 10km, n81, c0558/96, 13C-16D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PICV PH, Pirras, QUEP Quepos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBL1 Cabuya, ABRB Las Abras, SAJE San Jeronimo, etc.

IDC 24 12:47:13.8-0.8, 25.67N, 96.89E, h0km, mb3.8/8, mbmp3.8/9, ML3.7/1, MS3.4/20, Error ellipse: s-maj=5.8km s-min=1.4km az=70.0

BKK 24 12:47:13.6-2.0, 26.12N, 97.1E, 1.1, h10km, M4.0/6, mb4.3/4, mb4.0/4, Mjmb4.0/6, MLv4.2/3, Mw(m)3.4/4
NEIC 24 12:47:17.1-2.7, 25.02N, 0.08-96.60E, 0.07, h10km, 1km, mb4.3/16, Error ellipse: s-maj=16.7km s-min=3.6km az=36.0

ISC 24 12:47:15.8-0.8, 25.54N, 96.80E, 0.07, h10km, n61, c202/47, mb4.1/16, MS3.4/20, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOKO MOKCHONG, KOHI KOHIMA, JORH JORHAT, etc.

TARG Taragay, Kyrgy 22.52 321 P P 12 52 16.8 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PICV PH, Pirras, QUEP Quepos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AB31 comp=2.5nm, 0.7s, ABKAR Abkular array, etc.

TEH 24 12:59:14.4, 27.31N, 57.71E, h14km, 66km, ML2.9, Presumed earthquake
DSN 24 12:59:15.8, 1.7, 27.06N, 54.41E, h10km, ML2.7/5, Error ellipse: s-maj=25.2km s-min=8.8km az=9.0

OMAN 24 12:59:19.5, 0.1, 26.91N, 57.73E, h10km, ml2/8, Error ellipse: s-maj=1.6km s-min=1.0km az=26.0

ISC 24 12:59:13.9, 1.1, 27.26N, 0.04, 57.77E, 0.06, h10km, n37, c181/52, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHNJ Kahnoji, IBND Bandar-abbas, JASK Jask-Hormoz, etc.

IDC 24 13:06:18.0-2.6, 36.04N, 99.17E, h0km, mb3.5/2, mbmp3.6/4, ML4.0/2, MS3.4/1, Error ellipse: s-maj=66.5km s-min=26.1km az=97.0, Qinghai

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LZDM Lanzhou Array, SONM Songino Array, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like ITTB Itaituba, SMTB Santa Maria do, RPN Rapa Nui, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MDT Midelt, LSZ Lusaka, ESDC Sesece, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like JTKR Abashiri-Toko, JAR Ashorobuto, etc.

24d 14h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BFZ Birch Farm, MRZ Mangatainoka R, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like JAY Jayapura, GENI Genyem, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like NIKH Niskolski High, KSRS Korea Array, etc.

24d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAKI Sorong, SUI Sorong, MTN Manton Dam, etc.

IDC 24 15:32:54.91, 1.26, 17N, 95.06E, h0km, mb3.2/2, mbmp3.2/3, Error ellipse: s-maj=161.4km s-min=23.3km az=64.0, Myanmar-India border region

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

SJA 24 15:33:42.9, 0.6, 22.72S, 66.28W, h276km, 6km, MLL4.1, MW3.8

NEIC 24 15:33:44.8, 2.5, 22.69S, 0.07, 66.6W, 0.1, h277km, 8km, mb4.1/1.3, Error ellipse: s-maj=18.4km s-min=10.1km az=82.0

IDC 24 15:33:47.7, 9.3, 22.28S, 65.79W, h264km, 78km, mb3.0/1, mbmp3.7/2, Error ellipse: s-maj=117.7km s-min=83.0km az=39.0

ISC 24 15:33:42.7, 0.5, 22.71S, 0.05, 66.34W, 0.05, h245km, n71, c2508/94, mb4.0/6.3C, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YJA Yavi, SALTA AF01, ASAR Alice Springs, etc.

2020 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB16 IPOC Station P, AP01 Chacalluta, AC06 Mina Casimiro, etc.

IDC 24 15:46:45.7, 6.8, 2.1, 77N, 142.92E, h320km, 67km, mb3.2/1.3, mbmp3.9/13, Error ellipse: s-maj=35.1km s-min=13.1km az=75.0

ISC 24 15:46:43.6, 0.9, 21.38N, 0.1, 143.0E, 0.2, h300km, n14, c054/15, mb3.5/12, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, SONMG Songoing Array, WRA Warrunganga Arr, etc.

UCR 24 15:59:14.5, 0.8, 8.29N, 82.82W, h28km, 3km, MW4.0, Presumed earthquake

UPA 24 15:59:15.3, 1.3, 8.35N, 82.78W, h23km, 4km, MW3.8, Fault plane solution: N1°E, 143.0000°, 838.0000°, 1.93.0000°, Presumed earthquake

ISC 24 15:59:14.3, 1.0, 8.30N, 0.04, 82.81W, 0.03, h31km, 7km, n27, c050/43, 1C-10D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTPA Petro Terminal, NELY Ciudad Neily, NETO Ciudad Neily, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKNTU Kakint, EDPE Pejibaye, Pre, SAJE San Jeronimo, etc.

NEIC 24 16:03:06.7, 0.5, 17.93N, 0.04, 66.84W, 0.01, h19km, 1km, ML3.5/4.3, ML3.7(RSPR), Error ellipse: s-maj=5.5km s-min=1.6km az=184.0

RSPR 24 16:03:07.5, 17.92N, 66.83W, h12km, ISC 24 16:03:06.3, 1.3, 17.91N, 0.06, 66.83W, 0.02, h20km, 3km, n45, c055/36, 3C-6D, Puerto Rico region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECPR Experimental S, AGPR Aguadilla, PR, SJG San Juan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DSZ Denniston North, MSWZ Moikau Station, INZ Inchbonnie, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMZ Minamidaito 2, KSRS Korea Array, KSAR Wonju Array, etc.

DJA 24 16:09:49.0±0.2, 8°S, 2°11'E, h10km, M3.8/25, mb4.1/3, MLV3.6/25, Balli region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRBI Singaraja, DNP Denpasar, RTBI Rangdo, etc.

NEIC 24 16:18:52.8±1.4, 22.50S, 0.03E, 173.69E, 0.05, h4km, 5km, mb4.5/6, Error ellipse: s-maj=5.4km, s-min=4.5km, az=74.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DSZ Denniston North, MSWZ Moikau Station, INZ Inchbonnie, etc.

WEL 24 16:18:55.2±0.4, 22.53S, 0.17E, h5km, M3.8/8, ML3.7/8, MLV3.8/8, Error ellipse: s-maj=4.6km, s-min=2.7km, az=132.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ANM ANM, etc.

NOU 24 16:18:56.1, 22.63S, 173.81E, h38km, MLV4.2/12, South Island, New Zealand

ISC 24 16:16:53.5±0.6, 42.48S, 0.03E, 173.66E, 0.03, h11km, 4km, n139, r1927/148, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIKS Kaikoura, KHZ Kahutara, CECS Cheviot Emerge, etc.

NEIC 24 16:35:42.6±1.6, 32.95N, 0.06E, 141.55E, 0.07, h10km, 1km, mb4.4/0, Error ellipse: s-maj=10.1km, s-min=9.5km, az=154.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ETAZ East Tamaki RE, MBAZ Motutapu North, WIAZ Waiheke Island, etc.

NIED 24 16:35:43.5, 32.94N, 1.41E, h55km, MW4.0, Moment Tensor Solution, s3 Moment tensor, Scale 10^19Nm, Mn:0.75, M0:0.16, M0:0.91, M0:0.36, M0:0.16, M0:0.41; Fault plane solution: Mo1.010000e+10^15 Np1: 0.62, 0.0000, 0.118, 0.0000

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

JMA 24 16:35:43.5±0.3, 33°N, 1°14'E, h55km, MW3.5/26, E Hatched Island

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

IDC 24 16:35:45.8±2.8, 32.93N, 1.41E, h37km, 22km, mb3.6/16, mbmp3.9/19, ML3.4/3, MS3.3/4, Error ellipse: s-maj=17.3km, s-min=15.1km, az=101.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, JHJ2 Mitsune, JHJ2 Mitsune, etc.

ASAR Alice Springs, 56.71 188 P P 16 45 25.8 ±0.2

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

24d 16h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TXAR, QSPA, DBIC, LPAZ.

NEIC 24 16:49:03.4+1.0, 17:95N:05:66:83W, 0.01, h16km, 2km, ML3.3/39, ML3.6/10(RSPR), Error ellipse: s-maj=7.5km

Main table for 24d 16h section, listing station names, coordinates, and seismic data for various stations like Maguueyes Islan, Cerrillos, etc.

IDC 24 16:51:19.3+0.0, 41:58S:79:26E, h0km, mb3.6/3, mbtmp3.6/4, Error ellipse: s-maj=57.7km s-min=33.3km

Table listing station names and seismic data for IDC 24 16:51:19.3+0.0 event.

IDC 24 16:52:17.5+2.6, 11:39S:162:47E, h0km, mb3.6/3, mbtmp3.6/4, Error ellipse: s-maj=55.6km s-min=21.7km

Table listing station names and seismic data for IDC 24 16:52:17.5+2.6 event.

IDC 24 16:55:10.6+1.1, 41:65S:79:28E, h0km, mb4.0/8, mbtmp4.0/8, Error ellipse: s-maj=39.8km s-min=23.3km

Table listing station names and seismic data for IDC 24 16:55:10.6+1.1 event.

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Mw0.90±.23; Best double couple: Mw1.85500x1016, NP1±0.240,00000°; s61.00000°, A-154.00000°; NP2: ±0.137,00000°, s67.00000°, A-31.00000°. Principal axes: T 1.8670, P1g4.0000°, Azm190.0000°; N -0.0260, P1g52.0000°, Azm284.0000°; P -1.8440, P1g38.0000°, Azm97.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

ISC 24 16:55:10.9±0.5, 41:71S:0:08:79:32E, 0.09, h10km, n46, s087/39, mb4.5/15, Mid-Indian Ridge

Main table for 2020 DEC section, listing station names, coordinates, and seismic data for various stations like Amsterdam Isla, Port-aux-Franc, etc.

IDC 24 16:56:37.4±0.5, 17:85N:66:82W, h0km, mb4.2/19, mbtmp4.2/22, ML3.7/3, MS3.8/36, Error ellipse: s-maj=13.7km s-min=11.4km

CATAC 24 16:56:38.0±0.3, 18°N, 5°6'7W, h1km, M5.1/6, mb4.9/6, mb5.2/9, Mw(mB)/3.6, Mw(mB)/4.6/3, Error ellipse: s-maj=6.1km s-min=4.2km

NEIC 24 16:56:38.5±1.8, 17:89N:66:83W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mir=0.04; Mso=0.74; Mso=0.78; Mso=1.17; Mso=0.94; Mso=1.07; Fault plane solution: Mo:1.230000x10^16; NP1:±0.190000°, s85.00000°, A170.00000°. NP2:±110.00000°, s80.00000°, A5.00000°. Principal axes: T 1.2519, P1g10.0000°, Azm334.0000°; N -0.0482, P1g79.0000°, Azm176.0000°; P -1.2057, P1g4.0000°, Azm65.0000°.

NEIC 24 16:56:38.0±1.4, 17:81N:0:04:66:82W, 0.02, h9km, 3km, mb4.9/26, ML4.9/58, Mw4.7/29, ML4.8/16(RSPR), Mw4.7/19(SLM) Error ellipse: s-maj=5.8km s-min=2.7km

OSPL 24 16:56:40.7±3.6, 17:93N:66:84W, h8km, 15km, ML4.7, Presumed earthquake

GFZ 24 16:56:40.3±0.2, 18°N, 5°6'7W, h10km, M4.7/18, mb4.7/18

RSNC 24 16:56:40.9±0.4, 18°N, 5°6'7W, h10km, M4.7, mb4.7, mb5.5, 0.84, Mw(mB)5.0, Mw(mB)5.0, Mw(mB)5.0

GCMT 24 16:56:43.0±0.4, 18°N, 0:02:66:78W, 0.02, h20km, 2km, MW4.8/74, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mir=0.04; Mso=0.74; Mso=0.78; Mso=1.17; Mso=0.94; Mso=1.07; Fault plane solution: Mo:1.230000x10^16; NP1:±0.190000°, s85.00000°, A170.00000°. NP2:±110.00000°, s80.00000°, A5.00000°. Principal axes: T 1.2519, P1g10.0000°, Azm334.0000°; N -0.0482, P1g79.0000°, Azm176.0000°; P -1.2057, P1g4.0000°, Azm65.0000°.

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Azm62.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

ISC 24 16:56:38.2±0.9, 17:85N:0:03:66:83W, 0.02, h10km, 5km, n433, s1948/375, mb4.8/134, MS3.9/32, 15C-4D, Puerto Rico region

Main table for 1158 section, listing station names, coordinates, and seismic data for various stations like Maguueyes Islan, Cerrillos, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like SEUS St. Eustatius, SKI Saint Kitts, SC01 Santiago de lo, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like 656A Willston, 656A Willston, LCR2 La Luchuca, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like BLOK Blackwell, I40A Norwalk, WMOK Wichita Mouta, etc.

24d 17h

2020 DEC

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Table with columns: ZON, Zonda, P, P, 17 05 25.5 -0.8, 17 05 35.6, etc. Lists various stations and their coordinates.

Table with columns: CAST, Castle Rocks, 72.09 332, Iamb, Iamb, 17 08 03.9, etc. Lists stations like SPU, IMAR, VYHS, etc.

Table with columns: NPS, Neapolis, 1.16 15, S, Sn, 17 05 58.0 -0.2, etc. Lists stations like NPS, KNSNS, etc.

IDC 24 17:01:22.5i,1.4,1173S;79.74E,h0km,mb4.0/6, mbmp4.0/6,MS3.9/6,Error ellipse: s-maj=41.6km s-min=24.6km az=96.0

NEIC 24 17:01:22.1i,1.9,41172S;0.08:79.4E:0.2,h10km,1km, mb4.5H, Error ellipse: s-maj=29.5km s-min=14.0km az=275.0

ISC 24 17:01:22.5i,0.7,4172S;0.10:79.4E:0.2,h10km,n36, a1914/23,mb4.2/9,MS3.9/6,Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like AIS, PAF, H042N, etc.

ISC 24 17:12:31.6i,0.8,3734N;0.02:26.83E:0.02,h14km,6km, n48,+094873,Docedance Islands

ISK 24 17:12:30.9i,37.84N:26.84E,h3km,ML2.7/17 AFAD 24 17:12:31.4,37.84N:26.83E,h7km,2km,ML2.6

THE 24 17:12:31.6,37.84N:0.8:26.8E:0.5,h11km,1km,ML2.5/7, MLh2.5/7

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

IDC 24 17:05:19.0i,1.5,3467N:24.90E,h0km,mb3.4/5, mbmp3.4/5,Error ellipse: s-maj=358.3km s-min=27.6km az=141.0

ATH 24 17:05:21.9,3418N:23.9E,h13km,3km,ML3.0/10, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

ISK 24 17:05:23.0,3430N:25.19E,h17km,ML2.7/6 THE 24 17:05:24.9,3432N:25.2E,h15km,3km,ML2.9/10, MLh2.9/10

GII 24 17:05:31.9i,0.0,333959N:0.002:26.083E:0.001,h0km, Mws3.2,confirmed

ISC 24 17:05:20.7i,1.6,3415N:0.06:25.25E:0.03,h14km,10km, n47,+1932/62,mb3.5/4,Crete

ISC 24 17:12:31.6i,0.8,3734N;0.02:26.83E:0.02,h14km,6km, n48,+094873,Docedance Islands

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

IDC 24 17:05:19.0i,1.5,3467N:24.90E,h0km,mb3.4/5, mbmp3.4/5,Error ellipse: s-maj=358.3km s-min=27.6km az=141.0

ATH 24 17:05:21.9,3418N:23.9E,h13km,3km,ML3.0/10, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

ISK 24 17:05:23.0,3430N:25.19E,h17km,ML2.7/6 THE 24 17:05:24.9,3432N:25.2E,h15km,3km,ML2.9/10, MLh2.9/10

GII 24 17:05:31.9i,0.0,333959N:0.002:26.083E:0.001,h0km, Mws3.2,confirmed

ISC 24 17:05:20.7i,1.6,3415N:0.06:25.25E:0.03,h14km,10km, n47,+1932/62,mb3.5/4,Crete

24d 18h

Table with columns: Station Name, Time, Az, Az2, P, P, Time, Az, Az2, P, P. Contains earthquake data for stations like Ana Tenorio, YV5A, Y52A, etc.

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Table with columns: Station Name, Time, Az, Az2, P, P, Time, Az, Az2, P, P. Contains earthquake data for stations like Villa Florida, Fort Churchill, Flin Flon, etc.

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Table with columns: Code, Station Name, Time, Az, Az2, P, P, Time, Az, Az2, P, P. Contains earthquake data for stations like Chirikof Island, Chignik, etc.

CGC 24 17:35:57.5±1.3, 14°08N; 0°10W, h14km±23km, MD3.6, Presumed earthquake
SNET 24 17:35:58.0±0.7, 14°06N; 90°11W, h8km±13km, ML2.5, Presumed earthquake
ISC 24 17:35:57.9±1.7, 14°09N; 0°07.90°08W±0.06, h4km±16km, n15, e19820,4C, Guatemala

Table with columns: Code, Station Name, Time, Az, Az2, P, P, Time, Az, Az2, P, P. Contains earthquake data for stations like SLOZ, LOAL, NUBE, etc.

s-min=14.6km az=158.0
NEIC 24 18:04:52.8±1.3, 56°10N; 0°05:156°51W±0.05, h49km±8km, mb3.74, ML3.5/4, ML3.4(AEIC), Error ellipse: s-maj=7.3km s-min=3.6km az=198.0
AEIC 24 18:04:53.3±1.2, 56°08N; 0°05:156°52W±0.06, h51km±6km, Error ellipse: s-maj=7.3km s-min=4.5km az=193.0
ISC 24 18:04:53.0±0.9, 56°15N; 0°05:156°48W±0.04, h53km±9km, n167, e111/165, mb3.77/11, Alaska Peninsula

ISC 24 18:04:46.5±1.0, 56°24N; 157°00W, h0km, mb3.7/10, mbtmp3.7/12, ML3.4/2, Error ellipse: s-maj=25.0km

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UNV Unalaska Valle, PWL Port Wells, K17K Iditarod, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECPR 860nm,0.2s, ECPR Experimental S, EMPR Esperanza - Ma, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QLP Quiipie, BLDU Ballidu, BBOO Buckleboo, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songoing Array, PETK Petropavlovsk, MKAR Makanchi Array, etc.

24d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAW, VNA3, VNA2, TXAR, HFS, ITM.

IDC 24 18:57:02.8-5.7, 18.59S x 174.22W, h0km, mb3.8/3, mbtmp3.8/4, ML3.3/1, Error ellipse: s-maj=193.5km s-min=17.4km az=130.0, Tonga Islands

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

NEIC 24 19:06:23.6-0.9, 22.6S; 0.2-179.1W; 0.1, h61km, 11km, mb4.1/22, Error ellipse: s-maj=25.4km s-min=13.6km az=166.0

IDC 24 19:06:29.9-11.0, 22.43S; 179.72W, h64km, 11km, mb3.2/5, mbtmp4.2/6, Error ellipse: s-maj=100.7km s-min=36.6km az=55.0

ISC 24 19:06:21.5-1.0, 22.4S; 0.1-179.0W; 0.1, h600km, n32, s102/31, mb4.1/16, South of Fiji Islands

Main table for the 24d 20h section, listing station codes, names, coordinates, and observation times/residuals.

WEL 24 19:36:59.3-1.3, 31.1S; 22.18E; 5.9, h226km, 4.7km, M4.5/4, MB4.4/2, ML4.2/9, MLV4.5/4, Mw(mb)3.5/2, Error ellipse: s-maj=81.6km s-min=7.2km az=110.0, Kermadec Islands region

Table for Kermadec Islands region, listing station codes, names, coordinates, and observation times/residuals.

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NEIC 24 19:39:21.9-1.1, 17.88N; 0.02-66.82W; 0.1, h10km, 1km, ML3.2/37, MD3.5/4(RSPR), Error ellipse: s-maj=3.9km s-min=2.8km az=9.0

RSPR 24 19:39:22.4, 17.92N; 66.85W, h13km, MD3.5/4, ISC 24 19:39:21.8-1.3, 17.93N; 0.06-66.83W; 0.02, h18km, 2km, n37, s043/41, 11C-2D, Puerto Rico region

Main table for the 2020 DEC section, listing station codes, names, coordinates, and observation times/residuals.

NIED 24 19:40:06.5, 36.61N; 141.02E, h45km, MW3.9, Moment Tensor Solution. s-3 Moment tensor: Scale 10^14Nm; M=4.45; Mw=0.31; Mw=4.14; Mw=2.03; Mw=1.28; Mw=4.59;

JMA 24 19:40:06.5; 36.61N; 141.02E; 0.3, h45km, 1km, MW3.9/39, E OFF IBARAKI PREF. JMA Feil Ji J1 at E OFF IBARAKI PREF.

IDC 24 19:40:08.9-0.9, 36.48N; 140.96E, h67km, 6km, mb3.6/12, mbtmp3.9/15, MS3.0/8, Error ellipse: s-maj=12.1km s-min=9.9km az=95.0

NEIC 24 19:40:08.5-1.2, 36.57N; 0.06-141.01E; 0.1, h65km, 5km, mb4.6/25, Error ellipse: s-maj=11.6km s-min=9.2km az=96.0

ISC 24 19:40:06.9-0.7, 36.60N; 0.04-141.08E; 0.06, h50km, 5km, n79, s1944/81, mb4.2/27, MS3.1/4, 11D, Near east coast of Eastern Honshu

Main table for the 2020 DEC section, listing station codes, names, coordinates, and observation times/residuals.

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Main table for the 1164 section, listing station codes, names, coordinates, and observation times/residuals.

RSPR 24 19:51:05.2, 17.92N; 66.85W, h14km, MD2.4/8, 3C-8D, Puerto Rico region

Table for Puerto Rico region, listing station codes, names, coordinates, and observation times/residuals.

NOU 24 20:03:52.6, 32.45S; 175.43W, h4km, mb4.9/37, South of Kermadec Islands

GFZ 24 20:04:08.8-0.5, 32.3S; 3.37W; 1.2, h29km, M5.0/26, mb5.0/26

BUI 24 20:04:09.3, 31.53S; 177.31W, h13km, h5.0/21, mb5.1/14

ellipse: s-maj=21.9km s-min=3.8km az=106.9
IDC 24.20.04:10.3,0.5,32.06S,178.21W,h0km,mb4.6/14,
mbmp4.6/17,ML5.5/3,MS4.3/23,Error ellipse:
s-maj=21.2km s-min=13.6km az=96.0
NEIC 24.20.04:11.8,1.8,32.05S,0.08:178.1W,0.1,h10km,1km,
mb5.1/40,Error ellipse: s-maj=20.2km s-min=13.0km
az=97.0
MOS 24.20.04:11.4,1.1,31.97S,178.19W,h12km,mb5.2/12,
Error ellipse: s-maj=13.7km s-min=9.8km az=94.0
GCMT 24.20.04:15.8,-0.4,32.23S,0.03:177.66W,0.03,h23km,1km,
MW5.081,Moment Tensor Solution, s41,c47, s81,c103,
Duration: 0 Moment tensor: Scale 1016Nm; Mrc2.26: 21;
M0: 0.66; 13; Mw: 2.59; 13; Mw: 1.37; 21; Mw: 1.03; 09;
Mw: 1.74; 16; Best double couple: Mw: 3.84600,1016
NP1=197.00000*,s28.00000*,s77.00000*. NP2:
0.3,1.00000*,s63.00000*,s97.00000*. Principal axes: T
3.9890,Plg72.0000*,AzM317.0000*; N -0.2770,
Plg6.0000*,AzM208.0000*; P -3.7040,Plg17.0000*,
AzM116.0000*; nst1 refers to body waves, cutoff=40s.
nst2 refers to surface waves, cutoff=50s. Triangular
moment-rate function
ISC 24.20.04:11.2,0.3,32.19S,0.04:178.11W,0.06,h10km,
n391,c1584/362,mb5.0/82,MS4/24,17C-16D,South of
Kermadec Islands

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res, ISC. Includes stations like BFZ Birch Farm, MRZ Mount Karoro, NZNO Nelsan Korori, etc.

Table with columns: QIS, Mount Isa, RABL Rabaul, ASO1 Alice Springs, ASAR Alice Springs, etc. Includes station codes and associated data.

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

24d 20h

Table of astronomical observations including station names (KKM, STKI, ELIB, etc.), codes, and various data points like time and coordinates.

2020 DEC

Table of astronomical observations for December 2020, including station names (ARTI, AKTO, MBAR, etc.), codes, and various data points.

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Table of astronomical observations including station names (MOA, BIOC, SESA, etc.), codes, and various data points, including a detailed table for station information at the bottom.

24d 21h

Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like ALE Alert, KTK1 Kautokeino, JETT Jettan, etc.

2020 DEC

Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like GRFO Grafenberg, BFO Black Forest, NARSAR Narsara, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like CTAO Charters Tower, MARSARC Maren, GDIS Gladstone, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, HTT Hallett, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like MORW Morawa, MORW Morwa, NWAOW Narragin (SRO), etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like HNS comp=Z.270nm, 14.7s, PET PET, PETK Petropavlovsk, etc.

24d 21h

Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like MA2 Magadan, MORE Moreh, CIT Chita, BRDH Bariadhala, SEY Seymchan, GTA2 Gaotai, ULN Ulanbaatar, GOMU GOMU, YAK Yakutsk, KLU Kluutina, RND Reindeer, TIXI Tiksi, IMAR Indian Mountain, H21K Melozitina Rive, G21K Allakait, D19K Kuna River, NEA2 Nenana, WRH Wood River Hill, COLA College, HDA Harding Lake, K24K Donnelly Dome, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, DGZ Jazator, Alita, MENT Mentasta, RIDG Independent R, H24K Noodor Dome, DOT Dot Lake, J25K Salcha River, M27K Edge Creek, AK San Creek, D22K Ayikyak River, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, G24K Hadweenciz Riv, L27K Beaver Creek, BCAR Beaver Creek A, SKAG Skagway, N30M Aishikik Lake, O30N Mendenhall, BMAR Burnt Mountain, MK31 Makanchi Array, MKAR Makanchi Array.

2020 DEC

Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like H17K Granite Mounta, SLKM Skliak Lake, H18K Honhosa River, J19K Poorman, SUA Susitna One, RC01 Rabbit Creek A, G18K Tagagawik, M22K Willow Port Wells, J20K Nowinta River, PMR Palmer, PMR Palmer, PMR Palmer, CAST Castles Rocks, H19K Roundabout, KNK Knik Glacier, GHO Glory Hole Cre, I20K Naaghdeneel, RDOG Red Dog Mine, WMQ Urumqi, WMQ, WMQ, WMQ, F19K Shalericuk Mo, HYB Hyderabad, TRF Thorofore Moun, BPAW Bear Paw Mtn., MAW Mawson, MAW Mawson, MAW Mawson, MAW Mawson, RND Reindeer, RND Reindeer, TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, IMAR Indian Mountain, I19K Redstone River, I21K Tanana, H21K Melozitina Rive, MLY Manley, G21K Allakait, D19K Kuna River, NEA2 Nenana, WRH Wood River Hill, MCARA McCarty YSAT, CCB Clear Creek Bu, COLA College, COLA College, HDA Harding Lake, K24K Donnelly Dome, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, DGZ Jazator, Alita, MENT Mentasta, MENT Mentasta, RIDG Independent R, RIDG Independent R, H24K Noodor Dome, DOT Dot Lake, J25K Salcha River, J25K Salcha River, M27K Edge Creek, AK San Creek, D22K Ayikyak River, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, G24K Hadweenciz Riv, L27K Beaver Creek, BCAR Beaver Creek A, SKAG Skagway, N30M Aishikik Lake, O30N Mendenhall, BMAR Burnt Mountain, I27K Kandik Riv, MK31 Makanchi Array, MKAR Makanchi Array.

1170

Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like MKAR, DAWY, L29M, F26K, MAKZ, MAKZ, M30M, WHY, WUS, ZALV, ZALV, ZALV, ZALV, SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, I29M, RPN, UZB, UZB, YBH, PRZ, PRZ, PRZ, KPKS, KPKS, SATY, SATY, TARG, TARG, TARG, G29M, G29M, AFDM, TDK, TDK, ASAI, MDOK, MDOK, TNS, TNS, AAA, AAA, KSH2, KSH2, KSH2, KSH2, KURK, KURK, KURK, KURK, KURB, KURB, KURBB, NIL, NIL, NIL, F31M, TKM2, SYO, INK, KBK, NVAR, NVAR, NVAR, CLC, CLC, CLC, DPP, NV11, CHMS, AAK, AAK, AAK, AAK, AAK, USP, PFO, WAH2, FURC, FURC, TPH, TPH, TPH, EKS2, NR1K, NR1K, NR1K, NR1K, NR1K, WCT.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like Topopah Spring, Princess Elisa, Karatay Array, etc.

Table with columns for MOE, PBEJ, PLOUS, MESJ, PCVE, TORO, etc. Includes station names like Montemor, Beja, Minas do Lousa, etc.

Table with columns for TYV, JWJK, JWJK2, JTKR, JNK, JNK2, etc. Includes station names like Keihoku, Abashiri-Toko, Nemuro-Hokkai, etc.

24d 21h

Table with columns for station ID, name, coordinates, and status. Includes stations like SEY, CN2, JHJ2, YAK, etc.

2020 DEC

Table with columns for station ID, name, coordinates, and status. Includes stations like FYU, BMAR, SCRK, GOMU, etc.

1172

Table with columns for station ID, name, coordinates, and status. Includes stations like SVE, SJI, KSH2, RES, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MNK Minsk, HFS Hagfors, and various amateur radio call signs.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KMPD K-Podolskiy, MNTX Cornudas Mount, and various amateur radio call signs.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SQTA Sankt Quirin, KEPA Antalya-Kepez, and various amateur radio call signs.

Technical notes and data for stations IDA 24 21:18:51.51, 1.6, 50°23'N; 155°05'E, h0km, mb3.6/5, and ISC 24 21:18:57.01, 4.50, 30°N; 102°15'E, h35km, n7, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JOU, JYK, JJK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KDJ, BOOM, BMAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IDC, MSVF, WRRAMA, etc.

Table with columns: Code, Station Name, Az, P, S, N, Time, Res. Includes stations like HELC Santa Helena, APAC Apartado, UREC San Jos de Ur, etc.

ADC 24 22:09:08.1, 2.9, 8.91S: 117.37E, h81km, 24km, mb3.9/13, mbmp4.3/16, MS2.0/1, Error ellipse: s-maj=23.1km s-min=9.3km az=61.0

GFZ 24 22:09:09.0, 0.2, 9.54 x 11.7E, h109km, 3km, M4.6/19, mb4.6/17, Error ellipse: s-maj=9.4km s-min=3.6km az=4.7, confirmed

DJA 24 22:09:10.1, 0.2, 9.52 x 11.7E, h82km, 3km, M4.7/58, mb5.2/12, mb4.8/26, MLV4.8/58, Mw(mb)4.6/12

NEIC 24 22:09:10.2, 1.1, 9.03S, 0.08 x 11.37E, 0.06, h104km, 8km, mb4.4/16, Error ellipse: s-maj=11.5km s-min=8.6km az=182.0

ISC 24 22:09:09.5, 0.4, 9.12S, 0.04 x 11.741E, 0.04, h100km, n149, r=153/157, mb4.2/23, Sumbawa region

Table with columns: Code, Station Name, Az, P, S, N, Time, Res. Includes stations like PLAI Plampang, TWSI Taliwang, TWSI Taliwang, etc.

Table with columns: PWJI, Station Name, Az, P, S, N, Time, Res. Includes stations like Pagerwojo, Sawahan-Nganju, Majene, Tambak Boyo, Banjar Baru, etc.

Table with columns: Code, Station Name, Az, P, S, N, Time, Res. Includes stations like SONMI Songo Arroy, HILR Haijar Arroy, MKAR Makanchi Arroy, etc.

Table of astronomical observations for Dec 2020, columns include station name, frequency, polarization, and time.

Table of astronomical observations for Dec 2020, columns include station name, frequency, polarization, and time.

Table of astronomical observations for Dec 2020, columns include station name, frequency, polarization, and time.

24d 23h

Table of astronomical observations for 24d 23h, listing station names (e.g., KRVT, RABL), station codes (e.g., S, Sn), and observation parameters (e.g., 22 34 07.4 +4.4).

2020 DEC

Main table of astronomical observations for 2020 DEC, listing station names (e.g., ILAR, ELIELSON ARRAY), station codes (e.g., P, P, P), and observation parameters (e.g., 22 45 25.4 -0.9).

1178

Table of astronomical observations for 1178, listing station names (e.g., IDC 24 23:11:42.0), station codes (e.g., P, P), and observation parameters (e.g., 22 45 25.4 -0.9).

2020 DEC

146.00000° N P2: 350.00000° 856.00000° 1.31.00000°
IDC 24 23:43:42.8, 1.2, 13.76N:120.66E, h129km, 1.0km,
mb5.3/60, mbtms5.6/61, MS5.4/73, Error ellipse:
s-maj=9.0km s-min=5.8km az=57.0
NEIC 24 23:43:42, 13.82N, 120.65E, h107km
DJA 24 23:43:42.0, 3.14, 14°N, 1°12'E, h117km, 4km, M6, 1/133,
mb6.4/133, mb5.6/133, Mw(MB)6.2/133, Mw(Mw)6.1/115,
Mwp6.1/115

PTWC 24 23:43:43, 13.90N:120.60E, h92km, Mwp6.3/120
GCMT 24 23:43:43.9, 0.0, 13.88N:120.51E, h114km, Mw6.3/180,
Moment Tensor Solution: s180, c44z2, s179, c753;
Duration: 36s Moment tensor: Scale 10^19Nm;
Mn2.29; 01: Mw=0.60; 01: Mw=1.69; 02: Mw=3.0; 01;
Mw2.19; 01: Mw=1.56; 01: Best double couple:
Ms3.61400x10^18 NPT1: 112.00000°, 851.00000°,
1.41.00000°. NP2: 353.00000°, 860.00000°, 1.33.00000°.
Principal axes: T 3.7870, Plg53.0000°, Azm317.0000°;
N -0.3500, Plg36.0000°, Azm148.0000°; P -3.4410,
Plg5.0000°, Azm54.0000°; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function

NEIC 24 23:43:54.2, 13.82N:120.66E, h110km, Moment Tensor
Solution: Duration: 75s Moment tensor: Scale 10^19Nm;
Mn2.97; Mw=1.14; Mw=1.83; Mw=2.13; Mw=1.60;
Fault plane solution: Ms3.83000x10^18 NPT1:
0+14.82000°, 845.72000°, 150.05000°. NP2:
0+345.01000°, 856.71000°, 123.37000°. Principal axes:
T 3.9373, Plg62.0000°, Azm311.0000°; N -0.2304,
Plg27.0000°, Azm145.0000°; P -3.7068, Plg6.0000°,
Azm52.0000°.

ISC 24 23:43:41.7-0.2, 13.78N:120.60E:0.02, h117km, 1km,
h117km: p-P, n163, c1965/2548, mb5.9/572, 527K-102D,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Includes stations like Puerto Galera, Tagaytay City, Palayan City, etc.

Main seismic station data table with columns: YHNB, YOJ, YOH, YOY, YOL, etc. Includes station names and coordinates.

Main seismic station data table with columns: WHN, WHN, WHN, WHN, WHN, etc. Includes station names like Wuhan, Kendari, etc.

24d 23h

Table with columns for location (e.g., JNU, KMPJ, PZH), name, time, and status. Includes entries like Nakatsue, Kaimana, Papua, PanZhiHua, etc.

2020 DEC

Table with columns for location (e.g., SOEI, PCJ, UGM), name, time, and status. Includes entries like Pacitan, Waganama, Yogyakarta, etc.

1180

Table with columns for location (e.g., BJT, JGF, JKH), name, time, and status. Includes entries like Baijiatuu, Kuroka, Lanzhou, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like GA2A Gaotai, MDJ Mudanjiang, USRKR Ussuriysk Ar, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like WBO Warramunga Arr, RABL Rabaul, WRAB Tennant Creek, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like ASAR Alice Springs, AS01 Alice Springs, AUALC St Phillip's Co, etc.

Table with columns: SEY, comp-Z, 17nm, 0.7s, baz=228, slow=6.3, SNR=31, LR, LR, 00 16 21.8, etc. Includes stations like ARPS, SANVU, KOUNC, BVAR, etc.

Table with columns: BILI, comp-Z, 168nm, 1.1s, 61.72 18 ↑P, P, 23 53 46.7 -0.6, etc. Includes stations like ALNE, UMQ, NAZ, NAZ, etc.

Table with columns: BELG, comp-Z, 2.2μm, 18.6s, baz=93, slow=37, LR, LR, 00 26 02.3, etc. Includes stations like BELG, UNV, TNA, GNI, etc.

24d 23h

Table with columns for station call letters, frequency, and various signal quality metrics (S, P, M, etc.). Includes stations like KLMM, KLMM, KLMM, etc.

2020 DEC

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like APA, APA, PPLA, etc.

1184

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like ARCES, ARCES, ARCES, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VSU, AK18, MNK, JETT, MDUB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GHRR, J29N, F30M, PABE, DRBR, EPYK, G30M, COSR, KMPD, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YER, JMB, HYT, DOPR, KMBO, KMBO, KMBO, etc.

25d 0h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BNLAL, WLF, ECH, etc.

2020 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PMRV, COI, PSAS, etc.

1188

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PMNB, PMOI, PMTG, etc.

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC, Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Bati, LBFI, Basi, Bani, DBNI, PLAI, etc.

UPP 25 00:29:39.9:0.0, 67.85N:20.21E, h0km, ML2.2, Suspected explosion
HEL 25 00:29:34.2:0.1, 67.83N:20.16E, h0km, ML1.7, Suspected explosion
IDC 25 00:29:37.9:1.8, 67.89N:20.67E, h0km, mbmp2.8/3, ML1.9/3, Error ellipse: s-maj=22.9km s-min=12.6km az=111.0

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC, Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KUA, RATU, KOVU, NIKU, etc.

NNC 25 00:30:36.5:3.6, 41.43N:80.53E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=28.0km s-min=21.4km az=25.0
SOME 25 00:30:45.8, 42.02N:80.73E, h20km
ISC 25 00:30:40.0:3.2, 42.32N:01.8143E:0.09, h10km, n6, az=250/12, 4C-10N, Northern Xinjiang

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

WEL 25 00:51:07.1:4.3, 35S:30.18E:3.1, h206km, 4.1km, M3.5/6, ML3.4/7, MLV3.5/6, Error ellipse: s-maj=49.2km s-min=26.5km az=133.4, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC, Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ, PKGZ, Puketiti, etc.

IDC 25 01:06:48.6:0.9, 13.85N:120.94E, h116km, 9km, mb3.6/10, mbmp3.9/10, Error ellipse: s-maj=42.6km s-min=13.6km az=64.0
MAN 25 01:06:48.0, 13.70N:120.51E, h95km, MS3.2
NEIC 25 01:06:50.4:0.7, 13.67N:120.16E:0.2, h127km, 7km, mb4.1/10, Error ellipse: s-maj=33.7km s-min=9.2km az=69.0

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC, Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TGY, GGP, PPR, CMAR, SHL, MBWA, WBO, SONM, WRA, ASAR, PDGK, MKAR, MAKZ, ZALV, ZALV, KURBB, KURK, KK31, KK31, KKAR, BVAR, NRIK, AB31, AB31, ABKAR, D19K, BRTR, F28M, BURAR, WEL, IDC, GFZ, NEIC, NOU, etc.

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC, Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PKGZ, HAZ, HAZ, Puketiti, Raukumara Rang, etc.

25d 2h

Table of station data for 25d 2h, including columns for station ID, name, coordinates, and various status codes (P, O, etc.).

2020 DEC

Main table of station data for December 2020, listing station names, coordinates, phases, and various codes.

1190

Table of station data for 1190, listing station names, coordinates, phases, and various codes.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like JAGI, DRS, TWGT, MTN, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like PSI, RPSI, WHN, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like CD2, MAJO, MJAR, etc.

Table of seismic data for station 1195, listing parameters like station name, time, magnitude, depth, and location.

Table of seismic data for station KBA, listing parameters like station name, time, magnitude, depth, and location.

Table of seismic data for station 25d, listing parameters like station name, time, magnitude, depth, and location.

AFAD 25 05:29:35.9, 37.88N:26.88E, h7km, 1km, ML1.7

ISK 25 05:29:36.3, 37.90N:26.93E, h5km, ML1.5/7

Dodecanese Islands

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like GMLD, GCMG, BEYE, etc.

IDC 25 05:37:04.2, 29.23N:68.97E, h0km, mb3.2/4, mbtmp3.4/5, ML3.9/1, MS3.2/2, Error ellipse: s-maj=97.6km s-min=30.2km az=88.0, Pakistan

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like AAK, KARUBB, CMAR, etc.

ASRS 25 05:37:36.0, 1.3, 54.59N:83.61E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like I46RU, ZALV, KURBB, etc.

ASRS 25 05:44:13.0, 1.2, 54.63N:83.67E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

ISC 25 05:44:15.2, 2.1, 54.59N:83.69E, h0km, mbtmp3.0/3, ML2.7/3, Error ellipse: s-maj=16.9km s-min=11.8km az=164.0

NCC 25 05:44:25.9, 11.0, 54.39N:84.13E, h0km, mb3.4, mpv2.8, Error ellipse: s-maj=66.1km s-min=45.4km az=175.0, Suspected Mining explosion.

ISC 25 05:44:15.2, 2.1, 54.59N:83.69E, h0km, n8, r133/11, 2C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like I46RU, ZALV, ZAAO, etc.

IDC 25 05:54:15.8, 0.9, 55.22N:157.86W, h0km, mb4.1/18, mbtmp4.1/21, ML4.0/3, MS3.5/7, Error ellipse: s-maj=22.3km s-min=12.8km az=153.0

NEIC 25 05:54:18.2, 0.8, 55.03N:157.87W, h0km, h25km, 5km,

mb4.2/14, ML4.0/35, Mw4.0/10, ML3.9(AEIC), Error ellipse: s-maj=8.3km s-min=4.5km az=158.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw:7.7; Mw-0.46; Mw-0.31; Mw-1.08; Mw-0.46; Mw-0.58; Fault plane solution: Mo1:47000:10^15 NP1:65:59:87000:0:673.51000:0:96.77000:0: NP2:217.16000:817.79000:0:1.68.28000: Principal axes: T:1.4462, P1g6.0000; P-1.5005, P1g28.0000; Azm14.0000;

NEIC 25 05:54:18.1, 0.5, 55.06N:157.61W, h21km, AEIC 25 05:54:19.6, 0.9, 55.02N:157.61W:0:07, h33km, 5km, Error ellipse: s-maj=157.61km s-min=4.7km az=155.0

ISC 25 05:54:19.5, 1.6, 55.08N:0:06:157.63W:0:04, h32km, 11km, n210, a09:81/200, mb4.2/1, MS3.5/15, Alaska

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like CHNA, CNBA, CHGN, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like ANPB, ANNW, PSIA, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like PNTA, DTNA, PLBL, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like WTUG, KUSKOKWAK, WESP, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like O16K, O16K, O14K, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like O17K, AKUT, AKUT, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like K17K, L20K, K13K, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like ILAR, ILAR, ILAR, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like DLBC, C26K, F31M, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Residual (Res), ISC. Lists stations like I46RU, ZALV, ZAAO, etc.

25d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Gaotai, Borovoye Array, MT03, MKAR, AKTO, etc.

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

of Kermadec Islands
ISC 25 06:15:00.0, 5, 32, 175:003:179:95E:0.008, h200km,
n149, e2940/162, mb4.5/25, 1D, South of Kermadec

of Kermadec Islands
ISC 25 06:14:49.1±2.6, 25:61N:127:39E, h0km, mb3.8/8,
mbmp3.8/9, ML4.0/1, MS3.6/4, Error ellipse: s-maj=56.2km
s-min=20.3km az=147.0

JMA 25 06:14:51.4±0.2, 25:5N:0:9:127:7E:0.6, h47km, 1km,
MW3.6/15, NEAR OKINAWAJIMA ISLAND

ISC 25 06:14:50.6±2.2, 25:44N:0:08:127:70E:0.05, h23km, 14km,
n27, e11/35, mb3.6/6, MS3.9/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JJT3, JJT3, JNTH, etc.

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

GFZ 25 06:14:57.0±2.5, 32:3:13'±18' 0W, h320km, 19km,
M4.3/13, mb4.3/13, Error ellipse: s-maj=69.8km
s-min=27.1km az=85.6, confirmed

WEL 25 06:15:02.4±0.6, 32:9:17'±9'W, h220km, M4.5/12,
mb4.7/7, ML4.4/10, MLV5.0/12, Mw(m)3.9/7, Error ellipse:
s-maj=27.6km s-min=3.8km az=113.1

NEIC 25 06:15:02.4±2.4, 32:28S:0:07:179:9E:0.1, h221km, 8km,
mb4.4/23, Error ellipse: s-maj=14.4km s-min=8.1km
az=82.0

NOU 25 06:15:18.0, 33:47S:179:39E, h322km, mb4.1/22, South

2020 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like GLKZ, RAO, MXZ, etc.

1198

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

SOME 25 06:22:40.4, 45:55N:84:80E, h25km
NINC 25 06:22:41.7±2.2, 45:50N:84:69E, h0km, mb3.7, mpv3.4,
Error ellipse: s-maj=19.4km s-min=8.2km az=117.0

ASRS 25 06:22:47.0±7.4, 46:1N:4°x8°5E', h9km, MLH3.6/6, Error
ellipse: s-maj=9.1km s-min=4.6km az=147.2, confirmed

ISC 25 06:22:45.8±1.1, 45:87N:0:06:84:76E:0.06, h10km, n25,
e2944/5, 4C-2D, Northern Xinjiang

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for KTMS, DGZ, TUNR, PDGK, SHLS, CHBI, AKAR, ARXS, ULGR, SATY, ELDR, DGS, etc.

RSNC 25 06:24:21.2, 0.0, 7°N, 3°7'3W, h147km, 6km, M3.1, mP4.6, mb3.8, ML2.9, Mw(MB)3.3, FUNV 25 06:24:22.2, 6.80N, 73°11'W, h163km, MW3.6, Presumed earthquake

CATAC 25 06:24:27.6, 1.1, 7°N, 3°7'3W, h29km, 11km, M3.3/6, MLV3.3/6, Error ellipse: s-maj=11.7km s-min=5.5km az=99.1, confirmed

ISC 25 06:24:20.4, 1.2, 6.85N, 0.03, 73°11'W, 0.03, h158km, 8km, n51, c1549/96, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BARC, BRJC, RUSC, CAPV, PTBC, TAMC, OCAC, ZARC, CHIC, ROSC, HELC, HELC, HELC, CVER, UREC, GUYZC, VILC, PTGC, NIZA, CBOC, DBBC, SDV, ARGC, PRAC, APAC, SJCC, PLMC, URM, CRUC, YOTC, GUV, SMRC, MACC, URIC, URIC, URIC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TEPV, UPD2, UPD2, GARD, GARC, GARC, MACO, POCP, POCP, POCP, FLOC, FLOC, BENV, TURV, CACV, TACV

SNET 25 06:33:37.6, 0.5, 13°34'N, 88°07'W, h5km, ML3.9, Presumed earthquake

CATAC 25 06:33:37.9, 0.3, 13°N, 5°8'8W, h6km, 2km, M4.0/12, MLV4.0/12, Error ellipse: s-maj=10.9km s-min=2.6km az=22.0, confirmed

IDC 25 06:33:38.4, 1.1, 13°62'N, 87°61'W, h0km, mb3.5/4, mbmp3.6/6, ML2.8/2, MS3.5/3, Error ellipse: s-maj=73.2km s-min=14.2km az=52.0

ISC 25 06:33:38.0, 0.9, 13°36'N, 0.05, 88°02'W, 0.03, h7km, 6km, n7, c1539/50, mb3.6/4, MS3.5/3, 2C-4D, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for LCND, LCND, INTD, INTD, CNCH, CNCH, RANC, RANC, RANC, PACA, PACA, PACA, TECA, POTN, POTN, TECO, TECO, TECO, PAVA, PAVA, SJTE, CRIN, LOMA, PANCS, PANCS, UDBS, SEMO, UJES, UJES, PMON, PMON, CEDA, CEDA, MTO3, MTO3, JTS, JTS

ISC 25 06:43:27.5, 1.0, 19°16'N, 0.03, 71°29'W, 0.03, h26km, 8km, n20, c1938/34, 16C-7D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MADR, MADR, MADR, LOPP, LOPP, LOPP, LUDR, LUDR, SC01, SC01, SC01, SC01, SC01, SDDR, SDDR, SDDR, ABDR, ABDR, ABDR, LONE3, LONE3, LONE3, SFDR, SFDR, SFDR, NEDR, NEDR, NEDR, JDR, JDR, JDR, LODU1, PODR, PODR, PODR, MASC, MASC, MASC, MASC, QMBU, QMBU, NMDO, GTBY, SABCS, RUC, PINC

IDC 25 06:38:22.1, 0.9, 8°18'N, 103°47'W, h0km, mb3.8/9, mbmp3.8/9, MS3.7/21, Error ellipse: s-maj=39.9km s-min=17.1km az=60.0

NEIC 25 06:38:24.6, 0.8, 8°3'N, 0.1, 103°3'W, 0.2, h10km, 2km, mb4.1/13, Error ellipse: s-maj=28.6km s-min=20.0km az=252.0

ISC 25 06:38:23.5, 0.8, 8°21'N, 0.10, 103°4'W, 0.1, h10km, n51, c068/35, mb4.0/16, MS3.7/19, Northern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TLIG, MIOG, UNM, HUEH, LAIG, LAIG, LAIG, YKA, YKA, ILAR, WRA, ASAR, IDC, NEIC, ISC, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TLIG, MIOG, UNM, HUEH, LAIG, YKA, ILAR, WRA, ASAR, IDC, NEIC, ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ROSC, WCT, WCT, KSU1, SDV, SDV, TKL, NVAR, PDAR, PDAR, PDAR, PDAR, SADO, ULM, LPAZ, LPAZ, PTLB, PTLB, PTLB, PPT, YKA, YKA, YKA, CPUP, CPUP, CPUP, INK, ILAR, RES, SFJD, SHEM, XIEM, NOA, ARCES, Vnda, WRA, ASAR, CMAR

SNSC 25 06:43:22.6, 2.1, 21°95'N, 71°16'W, h25km, 356km, MD3.8, ML1.8, Presumed earthquake

SDD 25 06:43:29.1, 2.5, 19°57'N, 71°32'W, h0km, 13km, MD2.7, ML2.3, MW2.6, Presumed earthquake

OSPL 25 06:43:29.0, 1.3, 19°59'N, 71°32'W, h19km, 4km, ML2.5, Presumed earthquake

ISC 25 06:43:27.5, 1.0, 19°16'N, 0.03, 71°29'W, 0.03, h26km, 8km, n20, c1938/34, 16C-7D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MADR, LOPP, LOPP, LOPP, LUDR, LUDR, SC01, SC01, SC01, SC01, SDDR, SDDR, SDDR, ABDR, ABDR, ABDR, LONE3, LONE3, LONE3, SFDR, SFDR, SFDR, NEDR, NEDR, NEDR, JDR, JDR, JDR, LODU1, PODR, PODR, PODR, MASC, MASC, MASC, MASC, QMBU, QMBU, NMDO, GTBY, SABCS, RUC, PINC, VAO, IDC, SJA, NEIC, GUC, NEIC

25d 7h

mb4.6/20, Mwr4.4/30, Mwr4.4(GUC), Error ellipse: s-maj=8.4km s-min=4.3km az=99.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw4.44; Mw=2.45; Mw=1.98; Mw=1.46; Mw=1.43; Mw=1.10; Fault plane solution: Mw4.7000;10^15 NP1.0p,311.920000; 0.33,280000; 1.93,120000; NP2.0p,128.200000; 0.56,780000; 1.87,960000; Principal axes: T 4.8076, Plg78.0000; Azm31.0000; N -0.7765, Plg2.0000; Azm129.0000; P -4.0311, Plg12.0000; Azm220.0000; GFZ 25 07:01:30.3-0.2, 32.2' S; 2 x 7' W; h53km, M4.5/21, mb4.6/21

ISC 25 07:01:29.0-0.8, 32.175' S; 02.71' 53W, 0.04, h42km, 7km, n243, r1992/264, mb4.6/26, MS3.6/8, 7C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Residual, ISC. Lists station data for various stations like Los Peladeros, San Esteban, Combarbal, etc.

2020 DEC

Table with columns: DOCA, Reserva Natura, AAGR, Agrelo, ZON, Zonda, etc. Lists station data for stations like Cerro Colorado, Sierra Bellavi, Cerro Villicun, etc.

1200

Table with columns: CPUP, Villa Florida, PB16, IPOC Station P, San Joaquin, etc. Lists station data for stations like La Paz, Porto Murinho, Forte Coimbra, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Borovoye Array, Kurchatov Arra, Zalesovo Beam, etc.

IDC 25 07:06:50.7, 3.0, 18.28S:69.39W, h122km, 24km, mb3.3/2, mbtmp3.8/5, Error ellipse: s-maj=34.0km s-min=-32.7km az=178.0

GUC 25 07:06:54.7, 0.6, 17.89S:69.47W, h138km, 3km, ML3.3, Presumed earthquake

ISC 25 07:07:54.0, 1.0, 11.72S:54.0, 1.0, 17.25S:54.0, 1.0, 69.41W, 0.09, h141km, 9km, n17, e1520/27, 1C-5D, Peru-Bolivia border region

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

CATAC 25 07:15:56.6, 0.5, 13.1N:4.8W, h30km, 4km, M4.0/24, MLv4.0/24, Error ellipse: s-maj=8.6km s-min=-3.4km az=24.3, confirmed

SNET 25 07:15:57.0, 2.0, 13.13N:89.25W, h47km, 64km, ML4.0, Presumed earthquake

GCG 25 07:15:59.2, 1.5, 13.29N:89.38W, h57km, 32km, MD4.1, MW3.1, Presumed earthquake

ISC 25 07:15:56.3, 1.6, 13.13N:0.1, 89.27W, 0.06, h41km, 36km, n65, e953/82, 11D, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alcaldia de Pa, Loma Larga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Conchagua, Cosiguina Volc, etc.

SSNC 25 07:38:52.2, 1.7, 89N:70.53W, h20km, 19km, MD3.1, ML2.8, Presumed earthquake

SDD 25 07:38:39.9, 2.2, 18.00N:71.54W, h4km, 13km, MD2.9, ML3.2, MW3.3, Presumed earthquake

OSPL 25 07:38:43.1, 2.8, 18.27N:71.46W, h0km, 21km, ML3.1, Presumed earthquake

ISC 25 07:38:42.5, 0.8, 18.27N:71.44W, 0.03, h10km, 5km, n25, e197/43, 6C-14D, Dominican Republic

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EI Espartillar, Polo, etc.

ASRS 25 07:43:13.0, 0.9, 54.39N:86.67E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 25 07:43:16.8, 4.4, 54.34N:86.61E, h0km, mbtmp2.7/2, ML2.0/2, Error ellipse: s-maj=38.1km s-min=-17.7km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, Zalesovo Beam, etc.

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

SNET 25 08:02:34.7, 0.9, 13.29N:88.13W, h9km, ML3.0, Presumed earthquake

CATAC 25 08:02:35.0, 0.1, 13.1N:2.8W, h4km, 1km, M3.1/30, MLv3.1/30, Error ellipse: s-maj=5.3km s-min=-1.5km az=20.8, confirmed

ISC 25 08:02:35.2, 0.8, 13.31N:0.04, 88.11W, 0.02, h12km, 6km, n17, e101/60, 1C, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Intipuca, La Caada, etc.

UPP 25 08:19:35.4, 0.6, 67.87N:20.22E, h0km, ML2.3, Presumed earthquake

IDC 25 08:19:36.3, 2.2, 68.06N:19.46E, h0km, mbtmp2.9/3, ML1.9/3, Error ellipse: s-maj=27.7km s-min=-14.4km az=108.0

ISC 25 08:19:35.5, 1.0, 67.89N:0.03, 20.21E, 0.03, h5km, 9km, n16, e1928/25, Sweden

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

ARCES ARCES Array B 2.55 47 Pn 07 45 15.7 +0.9

NOU 25 08:25:01.5, 38.41S:175.95E, h200km, MLv3.9/18, North Island, New Zealand

WEL 25 08:25:03.2, 0.9, 38.57S:177.6E, h188km, 7km, M2.4/21, ML1.9/8, MLv2.4/21, Error ellipse: s-maj=12.2km s-min=9.5km az=95.0

ISC 25 08:24:58.1, 1.8, 38.24S:0.06, 175.36E, 0.05, h224km, 9km, n148, e1978/158, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Galatos Road, Handcock Road, etc.

Table with columns for station name, frequency, mode, and other details. Includes stations like KARZ Kaimai, Omania, Plateau Road, Mount Tarawera, etc.

Table with columns for station name, frequency, mode, and other details. Includes stations like THZ Tophouse, KHZ Kahutara, etc.

IDC 25 08:31:18.0, 2.0, 8.750s, 124.94E, h0km, mb3.4/1, mbmp3.3/3, ML3.2/2, Error ellipse: s-maj=169.7km s-min=23.7km az=55.0

Table with columns for Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like SOEI Soe, BAUMATA, MAUMERE, etc.

IDC 25 08:37:19.0, 0.6, 13.787N, 120.139E, h0km, mb4.2/18, mbmp4.2/19, ML3.9/1, MS3.8/46, Error ellipse: s-maj=32.1km s-min=12.7km az=67.0

Table with columns for Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like TGY Tagaytay City, JAGY San Jose, etc.

IDC 25 08:37:24.0, 1.370N, 120.025E, h11km, MS4.3, MAN INTENSITY 17.1, LUBANG OCCIDENTAL MINDORO, ISC 25 08:37:20.9, 0.4, 13.588N, 120.070E, 0.05, h16km, n123, s156/93, mb4.5/38, MS3.8/43, Mindoro

Table with columns for Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like KAPU Kappang, KAPI Kappang, KAPI Kappang, etc.

Table with columns for station name, frequency, mode, and other details. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, etc.

25d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSQXC Pisagua, AC01 Pan de Azucar, and various other locations.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SWET Sewanee, WJLAC White Lake Junction City, and various other locations.

1204

Table with columns for station name, frequency, power, and other technical details. Includes stations like PB09 IOPC Station P, AC04 Llanos de Chal, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like San Joaquin, Popeta, Itaqi, Aquidauana, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Mt. Pleasant, Brady, HPGI, Waverly, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Baker Lake, Igloolik, Yellowknife, etc.

25d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Malin Array, Malin Array, etc.

25d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Malin Array, Malin Array, etc.

25d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Malin Array, Malin Array, etc.

25d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Malin Array, Malin Array, etc.

25d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Malin Array, Malin Array, etc.

25d 10h

Table with columns for station code, name, frequency, and other technical details. Includes stations like SS LB, NACB, YHNB, etc.

2020 DEC

Table with columns for station code, name, frequency, and other technical details. Includes stations like TBJI, TWSI, IPM, etc.

1206

Table with columns for station code, name, frequency, and other technical details. Includes stations like TNCH, TNCH, JHJ, etc.

1207

Table containing astronomical data for objects 1207, including columns for object name, RA, DEC, mag, and other parameters.

2020 DEC

Table containing astronomical data for objects in 2020 DEC, including columns for object name, RA, DEC, mag, and other parameters.

25d 10h

Table containing astronomical data for objects in 25d 10h, including columns for object name, RA, DEC, mag, and other parameters.

250 10h

Table with columns: Station, City, Frequency, Class, Power, and Signal. Includes entries like KBL Kabul, DZA Taraz, and others with various signal parameters.

2020 DEC

Table listing stations for December 2020, including IMAR Indian Mountain, CAST Castle Rocks, and others with their respective frequencies and signal strengths.

1208

Table listing stations for frequency 1208, including MNK Eagle Plains, MNC Bucovina, and others with their frequencies and signal parameters.

Main table containing station call signs, names, frequencies, and other technical details. Columns include call sign, name, frequency, power, and various status indicators.

25d 12h

Table of astronomical observations for 25 days and 12 hours, listing station names (e.g., KSH2, TARG), station IDs, coordinates, and observation details.

2020 DEC

Table of astronomical observations for December 2020, listing station names (e.g., VANDA, MA2), station IDs, coordinates, and observation details.

1212

Table of astronomical observations for 1212, listing station names (e.g., BRTR, KLMR), station IDs, coordinates, and observation details.

Summary information including coordinates (e.g., 1212:43:32.5+4.1), station names (e.g., mbtm4.05), and observation parameters (e.g., S, m, min).

Table with columns: QSO, Frequency, Mode, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, Name, and other parameters. Includes stations like QUSAR, AKT, KSMR, KSMR, SIZA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Time, Res, and other parameters. Includes stations like LRK, VEDENO, ASTR, etc.

BUL 25 13:24:43.4, 13°61N: 120°90E, h116km, mB4.7/3, mb4.9/36
MAN 25 13:24:46.0, 13°77N: 120°48E, h96km, MS4.1
MAN INTENSITY I - LAUREL AND CALACA BATANGAS, HANGAS.
NEIC 25 13:24:47.2, 13°75N: 120°8E: 0.1, 1.2, 1.21km, 7km,
mb4.7/80, Error ellipse: s-maj=17.4km s-min=10.8km
az=90.0

GFZ 25 13:24:47.0, 14°N: 5°12'E, h118km, M5.2/31,
mb4.8/31, confirmed

IDC 25 13:24:51.3, 3.1, 13°70N: 120°71E, h162km, 29km,
mb4.0/28, mbmp4.4/28, MS2: 1/10, Error ellipse:
s-maj=15.8km s-min=9.3km az=74.0

ISC 25 13:24:47.2, 0.3, 13.78N: 120°64E: 0°06, h120km,
n198, s120/185, mb4.6/96, 2C, Mindoro

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Time, Res, and other parameters. Includes stations like TGY, GUY, GQP, IBAJ, etc.

Table with columns: QSO, Frequency, Mode, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, Name, and other parameters. Includes stations like CTAO, FORT, PDKG, etc.

25d 14h

Table with columns: MCK, Mckinley, 77.95 27, Iamb, Iamb, 13 36 32.6, etc. Lists various stations and their coordinates.

SNET 25 13:41:38.1±1.1, 13.313N:88.13W, h6km, ML2.8, Presumed earthquake, CATALOG 25 13:41:38.3±0.2, 13.3N×8.8W±1.5km, M2.7/14, MLv2.7/14, Error ellipse: s-maj=6.5km s-min=1.8km az=23.0 confirms, ISC 25 13:41:38.0±0.9, 13.325N.0°06.88'13W.0°03.18h18km±2km, n21, c059/35, El Salvador

2020 DEC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, etc. Lists stations for the Strait of Gibraltar and Northern Molucca Sea.

1216

Table with columns: FAKI, Fak Fak, 6.85 121, Pn, Pn, 14 30 17.6 ±0.5, etc. Lists stations for Fak Fak and other locations.

ARMADA Armadale 39.11 144 P P 14 36 04.3 -0.2

Table with columns: ARMA, Armidale, 39.11 144, P, P, 14 36 04.5, 0.0, BJI2, Beijing, 40.32 348, P, S, 14 36 15.5, +1.2, etc.

Table with columns: KURK, Kurchatov, 64.18 328, P, P, 14 39 09.7, -1.6, KURK, Kurchatov, 64.18 328, P, P, 14 39 10.9, -0.4, etc.

Table with columns: KKNUT, TOSI3, Tonosi, 1.32 95, eS, Sg, 14 41 05.6, -1.4, TOSI3, TOSI3, 1.32 95, eS, Sg, 14 40 48.2, -0.3, etc.

25d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CKRC, WINA, CONA, BSD, MOA, BLEU, BJJU, EJUJ.

RSNC 25 14:59:58.5-0.0, 7°N, 3°W, h144km, 6km, M3.5, mB5.0, mb4.0, ML3.1, Mw(m)B4.3
IDC 25 14:59:58.0-0.7, 6.75N, 72.96W, h157km, 9km, mb3.2/3, mbtmp3.8/5, Error ellipse: s-maj=32.5km s-min=7.4km az=131.0
CATAC 25 14:59:59.7-0.8, 7°N, 3°W, h143km, 7km, M3.8/8, ML3.0/8, Error ellipse: s-maj=11.3km s-min=5.4km az=89.9, confirmed
FUNV 25 14:59:59.8, 6.83N, 73.14W, h153km, MW3.8, Presumed

Main table for 25d 15h section, listing station codes, names, coordinates, and seismic data.

2020 DEC

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

IDC 25 15:03:35.6-0.8, 10.07N, 40.47W, h0km, mb3.8/8, mbtmp3.9/9, ML3.8/1, MS3.1/2, Error ellipse: s-maj=28.9km s-min=17.3km az=151.0
ISC 25 15:03:36.8-0.8, 10.00N, 02.40W, h0.1, h10km, n13, a1908/9, mb3.97, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MDP, MDP, MDP, MDP, CPUP, TORD, EKA, PLCA, TXAR, YKA.

NNC 25 15:06:17.1±0.5, 42.92N, 77.42E, h0km, 3km, mb2.5, mpv3.0, Error ellipse: s-maj=5.2km s-min=2.3km az=1.0
SOME 25 15:06:17.5, 42.93N, 77.38E, h19km
KINET 25 15:06:17.4±0.1, 42.92N, 77.41E, h19km, mb2.6
KINET 25 15:06:19.3±0.5, 42.88N, 77.23E, h10km, 3km, ml1.7, Error ellipse: s-maj=3.8km s-min=2.6km az=142.0

Main table for 2020 DEC section, listing station codes, names, coordinates, and seismic data.

1218

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARXS, BLB, KRBS, KRBS, KRBS, KRBS, SHLS, SHLS, SHLS, PDGK, PDGK, NRN, NRN, KBK, KBK, KNOS, KNOS, CHMS, CHMS, CHMS, CHMS, AAK, AAK, AAK, UCH, UCH, UCH, DJR, DJR, DJR, JNKS, JNKS, EK2, EK2, MRKS, MRKS, MRKS, MRKS.

IDC 25 15:19:21.9-3.9, 8.63N, 125.66E, h0km, mb3.3/4, mbtmp3.3/4, MS3.3/1, Error ellipse: s-maj=391.4km
MAN 25 15:19:21.0, 8.47N, 126.74E, h6km, MS3.3
ISC 25 15:19:19.8-1.5, 8.48N, 0.04, 126.77E, 0.10, h10km, n16, a157/22, mb3.4/4, Mindanao

Main table for 1218 section, listing station codes, names, coordinates, and seismic data.

IDC 25 15:28:10.8±1.1, 54.81N, 164.20E, h0km, mb3.5/7, mbtmp3.5/8, ML2.5/1, MS3.1/3, Error ellipse: s-maj=32.7km s-min=14.7km az=155.0
KRSC 25 15:28:11.1, 0.9, 54.72N, 164.11E, h51km, 23km, ML3.7
ISC 25 15:28:11.9-3.8, 54.76N, 0.05, 164.18E, 0.06, h13km, 26km, n38, r130/42, mb3.5/7, Komandorski Islands region

Main table for 1218 section, listing station codes, names, coordinates, and seismic data.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRMR, RUS, PETK, etc.

MAN 25 15:50:30.0, 13.26N, 124.25E, h11km, MS3.1,
IDC 25 15:51:45.5, 2.2, 26.1N, 124.2E, 0.8, h151km, MV3.1/19,
NW OFF ISHIGAKI/JIMA IS
ISC 25 15:50:40.6, 1.9, 25.53N, 0.2, 124.23E, 0.09, h169km, 23km,
n19, 0.075/30, Northeast of Taiwan

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LRLAL, LRLAL, Y49A, etc.

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

IDC 25 16:02:06.8, 1.3, 13.46N, 122.68E, h0km, mb3.4/6,
mbtmp3.4/6, MS2.8/3, Error ellipse: s-maj=59.2km
s-min=20.6km az=62.0
MAN 25 16:02:08.0, 13.43N, 122.32E, h2km, MS3.5
ISC 25 16:02:08.1, 0.8, 13.44N, 0.09, 122.58E, 0.10, h14km, n12,
0.1925/12, mb3.4/6, MS2.5/3, Luzon

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

IDC 25 16:22:04.8, 7.3, 0, 20.27S, 175.98W, h0km, mb3.6/3,
mbtmp3.6/3, Error ellipse: s-maj=1367.0km
s-min=192.0km az=84.0, Tonga Islands

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

IDC 25 16:25:32.1, 1.1, 56.65S, 141.08W, h0km, mb4.0/5,
mbtmp4.0/5, MS3.5/20, Error ellipse: s-maj=45.3km
s-min=24.9km az=179.0
ISC 25 16:25:33.7, 1.2, 56.85S, 0.3, 141.0W, 0.2, h10km, n37,
0.0897/7, mb4.3/6, MS3.5/20, 1.C, Pacific-Antarctic Ridge

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H03S2, H03S1, H03S3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H03S2, H03S1, H03S3, etc.

1221

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like FFC, FFW, BPAW, etc.

2020 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SADO, FRB, BIL, etc.

25d 17h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MAKZ, RPN, WMQ, etc.

25d 18h

2020 DEC

1222

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Lists various stations like GAKI, GALAA, GASW, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Lists various stations like INH, MARNC, PINNC, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Lists various stations like FORT, KNRA, FAKI, etc.

25d 20h

Table with columns: CTA, Station Name, Time, Res, P, and various technical details for stations like Charters Tower, Warramunga Arr, ASAR Alice Springs, and STKA Stephens Creek.

IDC 25 19:32:53.3-18.0, 15:82N, 120:90E, h110km, 180km, mb3.5/9, mbtmp3.9/9, Error ellipse: s-maj=79.4km s-min=13.8km az=61.0

MAN 25 19:32:57.0, 15:86N, 120:47E, h130km, MS3.0, ISC 25 19:32:59.1-0.0, 16:28N, 10:09, 121:0E:0.1, h100km, n13, s=249.12, mb3.7/9, Luzon

Main table for the 25d 20h section, listing station codes, names, coordinates, and technical parameters for various stations across the region.

IDC 25 19:51:21.1-5.2, 38:19N, 73:22E, h106km, 37km, mb3.6/6, mbtmp4.0/10, MS2.7/1, Error ellipse: s-maj=44.9km s-min=32.2km az=152.0

NEIC 25 19:51:22.0-1.3, 38:27N, 0:06, 73:3E:0.1, h121km, 9km, mb4.1/11, Error ellipse: s-maj=12.3km s-min=7.8km az=109.0

NNC 25 19:51:20.2-6.8, 39:56N, 72:49E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=53.8km s-min=35.5km az=10.0

ISC 25 19:51:22.6-0.6, 38:21N, 0:05, 73:41E:0.07, h140km, n59, s=236/6, mb4.0/7, 2C-1D, Tajikistan-Xinjiang border region

Main table for the 25d 20h section, listing station codes, names, coordinates, and technical parameters for various stations across the region.

Main table for the 25d 20h section, listing station codes, names, coordinates, and technical parameters for various stations across the region.

2020 DEC

Table with columns: ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array S, and other station details.

CATAC 25 20:05:50.8-0.9, 3'S, 5:8'0W, h1km, M3.7/8, MLv3.7/8, Error ellipse: s-maj=11.5km s-min=9.8km az=20.4

IGQ 25 20:05:50.8-0.3, 2'S, 5:8'0W, h12km, 1km, M3.6/25, Mjma3.3/25, ML3.9/6, MLv3.4/24, Ms(BB)3.7/17

ISC 25 20:05:52.0-1.2, 2.4AS, 0:03, 80:45W, 0:04, h19km, 3km, n61, c169/71, 13C-3D, Near coast of Ecuador

Main table for the 2020 DEC section, listing station codes, names, coordinates, and technical parameters for various stations across the region.

NOU 25 20:21:52.7, 37:79S, 177:48E, h93km, MLv3.6/8, Off E. Coast of N. Island, N.Z.

WEL 25 20:21:54.7-0.8, 38'S, 7:17'E, h60km, 9km, M3.0/18, ML3.0/18, MLv3.0/18, Error ellipse: s-maj=8.7km s-min=5.8km az=171.5

ISC 25 20:21:52.0-1.9, 37:71S, 0:07, 177:38E:0.05, h100km, 10km, n103, c161/51/108, Off east coast of North Island

Main table for the 2020 DEC section, listing station codes, names, coordinates, and technical parameters for various stations across the region.

1224

Main table for the 1224 section, listing station codes, names, coordinates, and technical parameters for various stations across the region.

PAS 25 20:25:59.1-1.1, 33:747N, 0:007, 115:92'W, 0:006, h4km, 2km, Error ellipse: s-maj=1.1km s-min=0.8km az=172.0

NEIC 25 20:25:58.1-1.0, 33:745N, 0:006, 115:935W, 0:009, h5km, 1km, ML3.7/98, Mwr3.6/4(PAS), Error ellipse: s-maj=2.0km s-min=1.3km az=185.0, Southern California

Main table for the 1224 section, listing station codes, names, coordinates, and technical parameters for various stations across the region.

Table with columns: Station Name, Time, Res, and other details. Includes stations like Bombay Beach, E Wide Canyon, Pinon Flat, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like Pasadena Art C, Pasadena Art C, PASC, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like MOKO, KOHI, KOHIMA, etc.

Technical notes and coordinates: IDC 25 20:45:48.8, 1.0, 21:55N; 121:23E, h0km, mb4.0/13, mbmp4.0/14, ML3.6/1, MS3.4/3, Error ellipse: s-maj=33.2km s-min=21.6km az=69.0, NEIC 25 20:45:50.2, 1.8, 21:59N; 120:04E, h10km, 1km, mb4.0/13, Error ellipse: s-maj=10.5km s-min=7.3km az=101.0, TAP 25 20:45:51.2, 2.1, 53N; 121:04E, h28km, ML4.2, D, NIED 25 20:45:55.6, 2.2, 01N; 120:93E, h60km, MW4.0, Moment Tensor solution: M0=0.72, M2=0.49, M3=0.82, M0-0.12, M0-0.22, Fault plane solution: Mo1.03000x10^15 NP1: phi=140.00000, delta=30.00000, lambda=18.00000, NP2: phi=246.00000, delta=181.00000, lambda=119.00000, JMA 25 20:45:55.6, 0.7, 22 N 3 x 12 1 E, h60km, MV4.2/15, TAIWAN REGION, MAN 25 20:45:56.0, 2.0, 55N; 120:00E, h32km, MS2.6, ISC 25 20:45:52.4, 1.0, 21:56N; 120:03E, h27km, 7km, n195, s19/229, mb4.2/30, MS3.3/3, SC-1D, Taiwan region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hengchuen, Pin, TSEB, etc.

NDI 25 20:31:47.8, 1.1, 26 N 10N; 95:58E, h125km, 9km, ML3.8, Presumed earthquake, ISC 25 20:31:48.7, 3.6, 26 N 10N; 08:95:4E, 0.2, h131km, 13km, n19, c085/37, Myanmar-India border region.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FULB, CHKH, CHHK, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, H1N1, H1N2, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KOUNC, QUENC, QUENC, etc.

Table with columns: call sign, name, frequency, mode, status, and other parameters. Includes stations like KAPI, KAPK, DBNI, PLAI, TWSI, JAGI, MJAR, etc.

Table with columns: call sign, name, frequency, mode, status, and other parameters. Includes stations like ANM, SONM, YAK, BILI, SAO, MHC, etc.

Table with columns: call sign, name, frequency, mode, status, and other parameters. Includes stations like ILAR, TPH, VNA1, MTPC, etc.

25d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WINA, RONA, EKA, CONA, CKRC, etc.

IDC 25 20:52:03.4+0.7, 18.95S;167.44E, h0km, mb4.3/12, mbmp4.3/13, Error ellipse: s-maj=23.0km s-min=14.4km az=118.0

NEIC 25 20:52:05.2+1.2, 18.98S;0.05:167.43E;0.06, h10km, 1km, mb4.9/58, Error ellipse: s-maj=9.6km s-min=8.3km az=112.0

ISC 25 20:52:07.3+0.5, 19.00S;0.05:167.4E;0.1, h28km, n82, +153/80, mb4.9/32, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM, OUENC, SARAU, etc.

2020 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM, J17K, G16K, etc.

IDC 25 21:01:40.7+1.2, 18.92S;167.41E, h0km, mb3.9/6, mbmp3.9/8, ML4.4/1, Error ellipse: s-maj=31.3km s-min=17.9km az=113.0

NEIC 25 21:01:43.0+2.3, 18.96S;0.05:167.5E;0.2, h10km, 1km, mb4.4/10, Error ellipse: s-maj=30.0km s-min=7.3km az=95.0

ISC 25 21:01:44.6+0.9, 19.00S;0.07:167.4E;0.1, h28km, n21, +153/22, mb4.0/10, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM, OUENC, SARAU, etc.

SJA 25 21:02:37.5+0.6, 36.11S;73.93W, h24km, 4km, ML3.6, MW3.9

1228

GUC 25 21:02:39.7+0.7, 36.14S;73.81W, h18km, 5km, ML3.8, Presumed earthquake

ISC 25 21:02:38.3+2.2, 36.14S;0.04:73.83W;0.09, h5km, 13km, n35,+c14/48, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BI05, CCSP, GO05, etc.

NOU 25 21:06:05.1, 18.52S;167.86E, h311km, MLV4.1/9, Vanuatu Islands

IDC 25 21:06:21.2+1.7, 18.93S;167.43E, h0km, mb3.8/5, mbmp3.8/7, ML4.0/2, MS3.1/1, Error ellipse: s-maj=38.9km s-min=19.2km az=100.0

NEIC 25 21:06:22.6+0.9, 19.01S;0.08:167.6E;0.1, h10km, 1km, mb4.4/11, Error ellipse: s-maj=24.1km s-min=10.7km az=290.0

ISC 25 21:06:22.1+0.8, 19.07S;0.06:167.56E;0.09, h10km, n28, +153/23, mb4.2/10, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DVP, INH, HNR, etc.

SONM SONGINO ARRAY 85.98 324 P P 21 04 45.9 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FARB, J17K, C18K, ILAR, etc.

NEIC 25 21:11:55.7 1.9, 19.02S:0.05:167.7E:0.1, h10km, 1km, mb4.3/8, Error ellipse: s-maj=21.5km s-min=6.8km az=270.0

IDC 25 21:11:55.4 1.2, 18.94S:167.46E, h0km, mb3.9/7, mbmp3.9/8, MS3.0/1, Error ellipse: s-maj=31.8km s-min=17.8km az=114.0

NOU 25 21:11:57.0, 19.01S:167.53E, h27km, MLv4.0/14, Vanuatu Islands Region

ISC 25 21:11:58.0 0.6, 19.00S:0.04:167.63E:0.06, h28km, n33, e1521/34, mb4.2/9, Vanuatu Islands region

Main station list table for 1229, including stations like DVP, RTV, INH, etc.

NOU 25 21:25:14.7, 18.88S:167.50E, h110km, MLv4.0/8, Vanuatu Islands

IDC 25 21:25:15.7 1.2, 18.95S:167.46E, h0km, mb3.8/7, mbmp3.8/8, ML3.6/1, MS3.4/2, Error ellipse: s-maj=32.9km s-min=17.7km az=111.0

NEIC 25 21:25:17.1 2.2, 18.98S:0.06:167.6E:0.2, h10km, 2km, mb4.4/6, Error ellipse: s-maj=32.3km s-min=9.1km az=93.0

ISC 25 21:25:18.8 0.8, 19.00S:0.04:167.5E:0.1, h28km, n28, e203/30, mb4.0/6, Vanuatu Islands

Main station list table for 1229, continuing from the previous table.

NIED 25 21:32:32.2, 39.68N:141.87E, h20km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mn:3.81, Mw:0.87, Ms:2.94, Me:2.91, Mw:0.65; Fault plane solution: Ms=4.9000x10^14 NP1: phi=188.00000, delta=6.00000, lambda=137.00000. NP2: phi=64.00000, delta=60.00000, lambda=53.00000.

JMA 25 21:32:32.2 0.1, 39.7N:0.1:141.9E:0.2, h20km, MD4.0/20, MV4.3/20, NORTHERN IWATE PREF.

JMA Felt II J1 at NORTHERN IWATE PREF. IDC 25 21:32:36.4 2.1, 39.69N:141.86E, h53km, 17km, mb3.7/19, mbmp3.9/24, ML3.4/5, MS3.2/2, Error ellipse: s-maj=18.0km s-min=13.0km az=17.0

NEIC 25 21:32:37.7 1.4, 39.86N:0.01:141.76E:0.1, h51km, 7km, mb4.3/19, Error ellipse: s-maj=11.0km s-min=1.0km az=99.0

ISC 25 21:32:32.7 0.8, 39.68N:0.03:141.83E:0.04, h20km, 3km, n93, e110/88, mb4.2/30, 7D, Eastern Honshu

Main station list table for 2020 DEC, including stations like MIYJ, JTH, JOM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AB31, WRA, RES, etc.

SOME 25 21:38:53.6, 42.22N:81.08E, h5km, NNC 25 21:38:54.6, 6.7, 41.89N:80.74E, h0km, mb2.6, mpv2.3, Error ellipse: s-maj=52.2km s-min=31.6km az=15.0

ISC 25 21:38:49.0 2.8, 42.1N:0.1:81.24E:0.09, h10km, n8, e159/16, 1C-2D, Northern Xinjiang

Main station list table for 25d 21h, including stations like SHLS, PDGK, UZB, etc.

SJA 25 21:39:23.5 0.7, 20.89S:70.57W, h33km, 1km, ML4.2, MV4.3

NEIC 25 21:39:24.7 0.6, 20.92S:0.03:70.53W:0.05, h25km, 7km, mb4.3/7, ML4.2(GUC), Error ellipse: s-maj=6.6km s-min=3.7km az=109.0

GUC 25 21:39:25.7 0.9, 20.90S:70.55W, h35km, 2km, ML4.2, IDC 25 21:39:32.6 2.6, 20.91S:70.15W, h28km, 3km, mb3.4/5, mbmp3.9/8, MS3.3/4, Error ellipse: s-maj=28.9km s-min=17.8km az=99.0

VAO 25 21:39:41.8 1.7, 20.52S:69.41W, h135km, 9km, mb4.2, Presumed earthquake

ISC 25 21:39:22.9 1.1, 20.91S:0.02:70.56W:0.04, h14km, 7km, n102, e1847/127, mb3.9/6, 3C-7D, Near coast of northern Chile

Main station list table for 25d 21h, continuing from the previous table.

Table with columns: ID, Name, Azimuth, Elevation, Frequency, Mode, and other parameters for various stations like PB01, PB07, PB03, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters for stations like CANIS Sao Roque de M, BOAV Boa Vista, etc.

Table with columns: ID, Name, Azimuth, Elevation, Frequency, Mode, and other parameters for stations like H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

1231

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like KHZ Kahutara, KWH Kapiti Island, Baring Head, Cannon Point, etc.

2020 DEC

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like KATZ Porangahau, KWH Kereru, Rihia Road, Rata Peaks, etc.

25d 22h

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like CNGZ Tauwhareparae, HAZ Te Kaha, Eamscleugh, Pakihiroa, etc.

ISK 25 22:06:35.7, 37:86N-26:97E, h4km, ML3.0/33
AFAD 25 22:06:35.9, 37:85N-26:96E, h7km, 2km, MW3.0
ATH 25 22:06:35.5, 37:84N-26:96E, h16km, ML3.2/9, Latitude
uncertainty: 1 km; Longitude uncertainty: 1 km
THE 25 22:06:36.1, 37:91N/8:27.0E/0.6, h11km, 1km, M2.9/12,
ML2.9/12

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like SMG Samos, Karlovasio Samo, Gumludur, Kusaladi-Ayidin, etc.

25d 22h

Table with columns: BAGT, Foa, 0.80 354, P, Pg, 22 06 51.4 +0.3, etc. Lists various stations and their associated data.

AFAD 25 22:35:24.5, 37.57N, 30.69E, h7km, 3km, MW3.3
ISK 25 22:35:24.1, 37.61N, 30.67E, h5km, ML3.1/31
IDC 25 22:35:25.3, 1.6, 37.65N, 30.70E, h0km, mb3.4/3,
mbtmp3.3/5, ML3.2/2, Error ellipse: s-maj=25.5km
s-min=17.1km az=109.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like BUCK, BUCAK, etc.

2020 DEC

Table with columns: YVAC, comp=E, 161nm, 0.5s, IAML, 22 36 09.0, etc. Lists stations like SDAG, SEDI, etc.

ISK 25 22:41:27.9, 37.94N, 26.69E, h7km, ML2.9/25
AFAD 25 22:41:28.9, 37.94N, 26.75E, h7km, 2km, ML2.8
ATH 25 22:41:28.8, 37.91N, 26.72E, h12km, 3km, ML3.0/7,
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
THE 25 22:41:28.4, 38.1N, 1.2, 7E, h12km, 1km, M2.9/11,
MLh2.9/11
ISC 25 22:41:28.4, 0.8, 37.93N, 0.02, 26.68E, 0.02, h13km, 6km,
n54, α05573, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like KRL1, KARLOVASI SAMO, etc.

1232

Table with columns: BEYE, comp=E, 1.1um, 0.3s, IAML, 22 41 43.0, etc. Lists stations like URLA, KUSADASI, etc.

MAN 25 22:49:56.0, 3.38N, 126.42E, h25km, MS3.9
NEIC 25 22:49:59.5, 1.8, 3.73N, 0.06, 126.9E, 0.1, h51km, 9km,
mb4, 1/16, Error ellipse: s-maj=19.7km s-min=7.9km
az=77.0
IDC 25 22:49:59.1, 1.4, 4.3, 6.9N, 126.86E, h74km, 47km, mb3.6/9,
mbtmp3.9/10, ML3.8/1, MS3.2/1, Error ellipse:
s-maj=51.3km s-min=15.1km az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like DDMP, TNTI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRS Warramunga Arr, WRB Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GII 25 23:03:56.2-0.0, 31.47N, 34.46E, h0km, confirmed, Dead Sea region.

NOU 25 23:08:49.5, 18.14S: 167.86E, h361km, MLV3.9/6, Vanuatu Islands
IDC 25 23:09:12.0, 1.0, 18.96S: 167.41E, h0km, mb4.0/7, mbmp4.0/9, ML4.1/2, MS3.3/3, Error ellipse: s-maj=28.6km s-min=16.2km az=119.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DVP Devils Point, RTV Rentapoa, INH Isangel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DNM Port Laguerre, OUENC Queen Island, N, SANVU Sarauoutu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboe, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BEKR Beckworth, NAHR Pah Rah Range, NAHR Pah Range, etc.

NNC 25 23:29:06.2-2.7, 37.83N: 71.91E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=21.3km s-min=17.2km az=165.0
IDC 25 23:29:07.5, 7.7, 37.62N: 71.91E, h128km, 54km, mb3.3/6, mbmp3.7/12, Error ellipse: s-maj=63.9km s-min=27.2km az=7.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TSSA Tissa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THN Thein Dam, THN Thein Dam, ULHL Ulahol, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BVAO Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, HFS Hagfors, NOA NORSE Array B, etc.

IDC 25 23:33:49.0, 1.2, 55.99S: 25.34W, h0km, mb3.9/4, mbmp3.9/4, MS3.8/1, Error ellipse: s-maj=42.3km s-min=31.9km az=55.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOMM Songino Array, ILAR Eielson Array.

NOU 25 23:37:23.4, 19.01S: 167.49E, h18km, MLV4.1/19, Vanuatu Islands Region
IDC 25 23:37:23.1, 0.8, 18.95S: 167.43E, h0km, mb4.2/8, mbmp4.2/10, ML4.6/1, MS3.5/15, Error ellipse: s-maj=24.4km s-min=15.2km az=115.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DVP Devils Point, RTV Rentapoa, INH Isangel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, AFI Afiamau, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, RPZ Rata Peaks, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAR Rarotonga, JAY Jayapura, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboe, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KNRA Kunurra, FORN Foron, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOMM Songino Array, J17K VABM Dome, OQ2D Mt. Diabolo, etc.

25d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes like PV21, TXAR, PLCA, etc.

SJA 25 23:43:50.8±0.7, 30°26'Sx71°59'W, h24km, 4km, ML3.4, MW3.7

GUC 25 23:43:54.6±4.3, 30°25'Sx71°48'W, h39km, 8km, n42, c133/42, 3C-3D, Near coast of central Chile

Main table for station 25d 23h, listing station codes (e.g., CO06, GO04, CO03) and their corresponding data.

2020 DEC

Main table for station 2020 DEC, listing station codes (e.g., MT08, AVFE, MT01, ACAN) and their corresponding data.

1234

Main table for station 1234, listing station codes (e.g., PB14, NNA, NNA, AC01) and their corresponding data.

Table with columns: TXAR, Station Name, Time, Res, and other details. Includes stations like Lajitas Array, Marlinton, Abilene, Hawle, etc.

Table with columns: NJ2, Station Name, Time, Res, and other details. Includes stations like San Pedro de A, IPOC Station P, etc.

Table with columns: SIJI, Station Name, Time, Res, and other details. Includes stations like Sorong, Sorong, Sorong, etc.

Table with columns: STA, Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like STA Stephens Creek, STA Stephens Creek, STA Stephens Creek, etc.

Table with columns: WSSB, SNJT, SNJT, TSPT, TSPT, TSPT, etc. Includes stations like WSSB Kaohsiung City, SNJT Kaohsiung City, SNJT Kaohsiung City, etc.

Table with columns: WUSB, ES, ES, ES, ES, ES, etc. Includes stations like WUSB Shilin, ES Shilin, ES Shilin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC, h, m, s, ISC. Includes stations like IDC 26 00:23:45.8, JMA 26 00:23:47.8, etc.

Table with columns: WSSB, SNJT, SNJT, TSPT, TSPT, TSPT, etc. Includes stations like WSSB Kaohsiung City, SNJT Kaohsiung City, SNJT Kaohsiung City, etc.

Table with columns: WUSB, ES, ES, ES, ES, ES, etc. Includes stations like WUSB Shilin, ES Shilin, ES Shilin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUDSON, CUERO, YULTON, etc.

Table with columns: STKA, Stephens Creek, 36.24 161 P, 02 08 26.2 -0.2. Includes stations like WAKE ISLAND, SONGIO ARRAY, etc.

Table with columns: LCR2, La Lucha 2, 1.36 325 eP, 02 08 26.2 -0.2. Includes stations like KAKINT, LAS ABRAS, etc.

SOF 26 02:00:04.9, 41.95N, 01:23.16E, h14km, 1km, MD2.5/6

STKA 26 02:00:04.9, 41.95N, 01:23.16E, h14km, 1km, MD2.5/6

LCR2 26 02:00:04.9, 41.95N, 01:23.16E, h14km, 1km, MD2.5/6

BE0 26 02:00:05.3, 0.4, 41.91N, 23.05E, h2km, 3km, ML2.0/6

STKA 26 02:00:05.3, 0.4, 41.91N, 23.05E, h2km, 3km, ML2.0/6

LCR2 26 02:00:05.3, 0.4, 41.91N, 23.05E, h2km, 3km, ML2.0/6

SKO 26 02:00:05.5, 41.90N, 23.15E, h15km, ML1.9

STKA 26 02:00:05.5, 41.90N, 23.15E, h15km, ML1.9

LCR2 26 02:00:05.5, 41.90N, 23.15E, h15km, ML1.9

ISC 26 02:00:05.2, 0.8, 41.93N, 02:23.11E, 0.03, h16km, 6km, n27, s106/51, 6C-11D, Greece-Bulgaria border region

STKA 26 02:00:05.2, 0.8, 41.93N, 02:23.11E, 0.03, h16km, 6km, n27, s106/51, 6C-11D, Greece-Bulgaria border region

LCR2 26 02:00:05.2, 0.8, 41.93N, 02:23.11E, 0.03, h16km, 6km, n27, s106/51, 6C-11D, Greece-Bulgaria border region

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRUPNIK, PLANA, MUSOMISHTA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA, TAGAGAY, PURCELL MOUNTA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTS, LAS JUNTAS DE, COOPE VEGA, etc.

NEIC 26 02:01:45.4, 1.5, 2.36N, 01:07:128.5E, 0.1, h229km, 8km, mb4.1/14, Error ellipse: s-maj=16.2km s-min=9.1km az=77.0

STKA 26 02:01:45.4, 1.5, 2.36N, 01:07:128.5E, 0.1, h229km, 8km, mb4.1/14, Error ellipse: s-maj=16.2km s-min=9.1km az=77.0

LCR2 26 02:01:45.4, 1.5, 2.36N, 01:07:128.5E, 0.1, h229km, 8km, mb4.1/14, Error ellipse: s-maj=16.2km s-min=9.1km az=77.0

DJA 26 02:01:47.3, 0.6, 2.16N, 12.9E, h197km, 3km, M4.1/15, mb4.6/5, mb4.2/12, MLV4.2/15, Mw(MB)3.8/5

STKA 26 02:01:47.3, 0.6, 2.16N, 12.9E, h197km, 3km, M4.1/15, mb4.6/5, mb4.2/12, MLV4.2/15, Mw(MB)3.8/5

LCR2 26 02:01:47.3, 0.6, 2.16N, 12.9E, h197km, 3km, M4.1/15, mb4.6/5, mb4.2/12, MLV4.2/15, Mw(MB)3.8/5

ISC 26 02:01:47.3, 1.6, 2.30N, 128.57E, h255km, 15km, mb3.4/14, mbmp4.0/15, Error ellipse: s-maj=26.0km s-min=8.0km az=72.0

STKA 26 02:01:47.3, 1.6, 2.30N, 128.57E, h255km, 15km, mb3.4/14, mbmp4.0/15, Error ellipse: s-maj=26.0km s-min=8.0km az=72.0

LCR2 26 02:01:47.3, 1.6, 2.30N, 128.57E, h255km, 15km, mb3.4/14, mbmp4.0/15, Error ellipse: s-maj=26.0km s-min=8.0km az=72.0

ISC 26 02:01:45.0, 0.5, 2.36N, 01:06:128.52E, 0.08, h229km, n50, s107/52, mb3.9/16, Halmahera

STKA 26 02:01:45.0, 0.5, 2.36N, 01:06:128.52E, 0.08, h229km, n50, s107/52, mb3.9/16, Halmahera

LCR2 26 02:01:45.0, 0.5, 2.36N, 01:06:128.52E, 0.08, h229km, n50, s107/52, mb3.9/16, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TERNATE, SORONG, SANANA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITO, GOLFITO, PUERTO JIMNEZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEVA, AKDM, PERV, etc.

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

26d 2h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like COYE Coyhaique, LJUN La Junta, and various other locations.

2020 DEC

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like H11N1 WAKE ISLAND, H11N2 WAKE ISLAND, and various other locations.

1240

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MG05 Puerto Natales, LR04 Corral, and various other locations.

26 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TSZ, DVHZ, ANWZ, BFZ, HRZ, etc.

MAN 26 03:41:14.0, 13:34N:122:36E, h7km, MS3.8
IDC 26 03:41:15.1±0.7, 12:98N:122:22E, h0km, mb3.9/13,
mbtmp3.9/13, MS3.3/10, Error ellipse: s-maj=33.1km
s-min=14.9km az=68.0

NEIC 26 03:41:17.0±1.8, 13:02N:0:06:122:11E:0.2, h10km, 1km,
mb4.4/15, Error ellipse: s-maj=30.8km s-min=8.6km
az=257

ISC 26 03:41:17.2±0.5, 13:14N:0:04:122:30E:0:05, h16km, n51,
±151/49, mb4.0/21, MS3.2/8, Luzon

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

2020 DEC

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

IDC 26 03:43:30.0±2.1, 47:96N:146:61E, h437km, 37km, mb2.8/8,
mbtmp3.6/10, Error ellipse: s-maj=52.6km s-min=21.1km
az=0.0

ISC 26 03:43:30.1±1.2, 47:7N:0:2:146:7E:0:1, h450km, n11,
±089/11, mb3.2/8, Northwest of Kuril Islands

IDC 26 03:48:08.4±2.5, 19:26S:177:65W, h570km, 20km, mb3.2/5,
mbtmp4.0/10, Error ellipse: s-maj=35.5km s-min=21.7km
az=46.0

ISC 26 03:48:06.7±1.6, 19:3S:0:2:177:5W:0.2, h550km, n10,
±112/12, mb3.8/7, Fiji Islands region

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

HEL 26 03:56:07.7±0.3, 69:38N:30:64E, h0km, ML1.3,
Explosion, Norway-Murmansk border region

1242

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

GII 26 04:02:25.8±0.0, 36:500N:0:002:27:018E:0:001, h0km,
Mws3.8, confirmed
IDC 26 04:02:29.1±1.4, 36:73N:26:92E, h16km, 21km, mb3.7/5,
mbtmp4.0/10, Error ellipse: s-maj=24.8km s-min=12.7km
az=172.0

Table with columns: Station Name, Station ID, Station Type, Time, Res, and various parameters. Includes stations like Arkhangelos, Karpathos, Rhodes Town Ha, Turunc, Samos, etc.

Table with columns: Station Name, Station ID, Station Type, Time, Res, and various parameters. Includes stations like Korkuelli, Korkuelli, Dionios Attik, Basmaki-Afyon, etc.

Table with columns: Station Name, Station ID, Station Type, Time, Res, and various parameters. Includes stations like Pinedale Array, Rapa Nui, San Juan, Newport, etc.

26d 4h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

2020 DEC

Main table listing station data for December 2020, including station names like Yavi, YJA, YAL, etc., and their associated technical parameters.

1244

Table listing station data for the 1244 frequency range, including station names like LPAZ, BBSO, LCO, etc., and their associated technical parameters.

NEIC 26 04:37:10.0-1.2, 22:56S:0:07:66:08W:0.08, h235km, 6km, mb4.4/25, Mw4.5(GUC), Error ellipse: s-maj=11.4km s-min=9.8km az=88.0
IDC 26 04:37:10.8-1.7, 22:53S:65:98W, h247km, 16km, mb3.5/7, mbmp4.1/13, Error ellipse: s-maj=18.0km s-min=14.4km az=84.0
SJA 26 04:37:10.4-0.7, 22:56S:66:21W, h254km, 5km, ML4.5, MW4.1
VAO 26 04:37:10.3-1.0, 22:49S:66:19W, h260km, 5km, mb4.2, Presumed earthquake
GUC 26 04:37:11.3-0.8, 22:58S:66:25W, h256km, 5km, ML4.1, Presumed earthquake
GFZ 26 04:37:11.4-0.2, 23:3:3'6"W, h243km, 5km, ML4.4/12, mb4.4/12
ISC 26 04:37:10.5-0.4, 22:52S:0:04:66:18W:0.04, h251km, n185, s1962/215, mb4.2/18, 12C, Juijuy Province

Code Station Name Az Elev Freq BW SNR Res
YJA Yavi 0.70 61 eP 04 37 45.7 +0.9
YJA YJA 1.70 185 eS 04 37 51.6 +0.6
YJA SALTA 1.70 185 eP 04 37 51.8 +0.7
YJA AF01 San Pedro de A 1.90 257 eP 04 37 53.8 +1.4
YJA AF01 San Pedro de A 1.90 257 eP 04 37 53.6 +1.2
YJA AF01 San Pedro de A 1.90 257 eP 04 37 53.5 +1.0
YJA SFLA comp=N,272nm,0.5s 2.27 164 eP 04 37 56.4 +0.6
YJA SFLA San Lorenzo 2.27 164 eP 04 37 56.4 +0.6
YJA PB09 IPOC Station P 2.93 284 eP 04 38 03.5 +1.0
YJA PB09 IPOC Station P 2.93 284 eS 04 38 04.2 +0.6
YJA PB09 IPOC Station P 2.93 284 eP 04 38 03.3 +0.8
YJA PB09 IPOC Station P 2.93 284 eS 04 38 02.9 -0.7
YJA PB09 IPOC Station P 2.93 284 eP 04 38 03.5 +1.0
YJA PB06 IPOC Station P 3.14 266 eP 04 38 05.1 +0.3
YJA PB06 IPOC Station P 3.14 266 eS 04 38 04.9 -0.7
YJA PB06 IPOC Station P 3.14 266 eP 04 38 04.5 -0.2
YJA PB06 IPOC Station P 3.14 266 eP 04 38 04.5 -0.2
YJA PB06 IPOC Station P 3.14 266 eP 04 38 04.7 -0.1
YJA PB06 IPOC Station P 3.14 266 eS 04 38 04.4 -2.4
YJA PB03 IPOC Station P 3.35 277 eP 04 38 06.8 -0.2
YJA PB03 IPOC Station P 3.35 277 eP 04 38 06.8 -0.2
YJA PB03 IPOC Station P 3.35 277 eS 04 38 06.9 -0.0
YJA PB03 IPOC Station P 3.35 277 eP 04 38 06.1 +0.3
YJA PB01 IPOC Station P 3.41 295 eS 04 38 51.8 -1.2
YJA PB01 IPOC Station P 3.41 295 eP 04 38 07.8 +0.1
YJA PB01 IPOC Station P 3.41 295 eP 04 38 07.7 +0.1
YJA PB01 IPOC Station P 3.41 295 eP 04 38 08.0 +0.3
YJA PB01 IPOC Station P 3.53 282 eP 04 38 09.3 +0.2
YJA PB07 IPOC Station P 3.53 282 eS 04 38 53.4 -2.1
YJA PB07 IPOC Station P 3.53 282 eP 04 38 55.0 -2.0
YJA PB07 IPOC Station P 3.53 282 eP 04 38 09.1 0.0
YJA PB07 IPOC Station P 3.53 282 eS 04 38 52.6 -2.9
YJA PB07 IPOC Station P 3.53 282 eP 04 38 09.2 +0.2
YJA PB08 IPOC Station P 3.65 310 eP 04 38 11.9 +1.2
YJA PB08 IPOC Station P 3.65 310 eS 04 38 59.0 +0.6
YJA PB08 IPOC Station P 3.65 310 eP 04 38 11.9 +1.2
YJA PB08 IPOC Station P 3.65 310 eP 04 38 12.0 +1.3
YJA PB08 IPOC Station P 3.65 310 eP 04 38 10.5 +0.1
YJA PB02 IPOC Station P 3.66 288 eS 04 38 55.5 -2.5
YJA PB02 IPOC Station P 3.66 288 eP 04 38 10.2 -0.2
YJA PB02 IPOC Station P 3.66 288 eP 04 38 10.1 -0.3
YJA PB02 IPOC Station P 3.66 288 eP 04 38 10.4 -0.1
YJA PB05 IPOC Station P 3.73 264 eP 04 38 11.1 -0.2
YJA PB05 IPOC Station P 3.73 264 eS 04 38 56.0 -3.5
YJA PB05 IPOC Station P 3.73 264 eP 04 39 03.1 -3.5
YJA GO01 Chusmiza 4.00 315 eP 04 38 15.6 +0.7
YJA GO01 Chusmiza 4.00 315 eS 04 39 08.7 +2.8
YJA GO01 Chusmiza 4.00 315 eP 04 39 10.1
YJA GO01 Chusmiza 4.00 315 eP 04 38 15.6 +0.7
YJA GO01 Chusmiza 4.00 315 eP 04 38 15.6 +0.7
YJA GO10 IPOC Station P 4.15 255 eP 04 38 15.7 +0.9
YJA GO10 IPOC Station P 4.15 255 eS 04 38 15.5 -0.6
YJA GO10 IPOC Station P 4.15 255 eS 04 39 04.5 -3.8
YJA GO10 IPOC Station P 4.15 255 eP 04 39 06.8
YJA PB10 IPOC Station P 4.15 255 eP 04 38 15.3 -0.8
YJA PB10 IPOC Station P 4.15 255 eP 04 38 15.3 -0.8
YJA PB10 IPOC Station P 4.15 255 eP 04 38 15.7 -0.4
YJA TA01 Diego Aracena 4.21 297 eP 04 38 16.4 -0.4
YJA TA01 Diego Aracena 4.21 297 eS 04 39 05.4 -3.0
YJA TA01 Diego Aracena 4.21 297 eP 04 39 09.0
YJA TA01 Diego Aracena 4.21 297 eP 04 38 16.0 -0.8
YJA TA01 Diego Aracena 4.21 297 eP 04 38 15.9 -0.8
YJA TA01 Diego Aracena 4.21 297 eS 04 39 05.6 -3.8
YJA TA01 Diego Aracena 4.21 297 eP 04 38 17.3 -0.2
YJA PB11 IPOC Station P 4.25 310 eP 04 39 08.7 -2.1
YJA PB11 IPOC Station P 4.25 310 eP 04 39 09.7
YJA PB11 IPOC Station P 4.25 310 eP 04 38 17.2 -0.3
YJA PB11 IPOC Station P 4.25 310 eP 04 38 17.2 -0.3
YJA PB11 IPOC Station P 4.25 310 eS 04 39 08.0 -2.8
YJA TA02 Huaiquique 4.31 301 eP 04 38 17.4 -0.2
YJA TA02 Huaiquique 4.31 301 eS 04 38 18.3 +0.2
YJA TA02 Huaiquique 4.31 301 eS 04 39 09.1 -2.6
YJA TA02 Huaiquique 4.31 301 eP 04 39 11.3
YJA PB14 IPOC Station P 4.41 241 eP 04 38 17.2 -0.8
YJA PB14 IPOC Station P 4.41 241 eP 04 38 18.8 -0.6
YJA PB14 IPOC Station P 4.41 241 eS 04 39 13.9 -4.0
YJA PB14 IPOC Station P 4.41 241 eP 04 38 18.5 -0.9
YJA PB14 IPOC Station P 4.41 241 eP 04 38 18.5 -0.9
YJA PB14 IPOC Station P 4.41 241 eP 04 38 18.0 -4.2
YJA PB14 IPOC Station P 4.41 241 eP 04 38 18.6 -0.6
YJA PB14 IPOC Station P 4.41 241 eP 04 38 18.2 -1.0
YJA PB14 IPOC Station P 4.41 241 eS 04 39 17.5 -2.7
YJA PB14 IPOC Station P 4.41 241 eS 04 39 20.5
YJA PSCGX Pisagua 4.70 308 eP 04 38 21.4 -1.3
YJA PSCGX Pisagua 4.70 308 eP 04 38 22.6 -0.2
YJA AC02 Maricunga 5.07 211 eP 04 38 26.9 -0.7
YJA AC02 Maricunga 5.07 211 eS 04 39 18.7 -1.0
YJA AC02 Maricunga 5.07 211 eP 04 39 26.3
YJA AC02 Maricunga 5.07 211 eP 04 38 26.8 -0.7
YJA AC02 Maricunga 5.07 211 eP 04 38 27.0 -0.5
YJA PX02 IPOC Station P 5.17 313 eP 04 38 27.5 -1.0
YJA PX02 IPOC Station P 5.17 313 eS 04 39 19.0 -5.6
YJA PB16 IPOC Station P 5.21 323 eP 04 38 30.4 +1.0
YJA PB16 IPOC Station P 5.21 323 eS 04 39 28.7 -3.6
YJA PB16 IPOC Station P 5.21 323 eP 04 39 35.9
YJA PB16 IPOC Station P 5.21 323 eP 04 38 30.5 +1.0
YJA PB16 IPOC Station P 5.21 323 eP 04 38 30.6 +1.2
YJA AC01 Pan de Azucar 5.41 227 eP 04 38 29.4 -1.9
YJA AC01 Pan de Azucar 5.41 227 eS 04 39 31.3 -4.6
YJA AC01 Pan de Azucar 5.41 227 eP 04 39 34.2
YJA AC01 Pan de Azucar 5.41 227 eP 04 38 29.3 -2.0
YJA AC01 Pan de Azucar 5.41 227 eP 04 38 29.3 -2.0
YJA AC01 Pan de Azucar 5.41 227 eP 04 38 29.4 -1.9
YJA PB12 IPOC Station P 5.50 314 eP 04 38 30.9 -1.7
YJA PB12 IPOC Station P 5.50 314 eS 04 39 32.8 -5.3
YJA PB12 IPOC Station P 5.50 314 eP 04 38 31.2 -1.3
YJA PB18 Visiviri 5.81 327 eP 04 38 38.9 +2.1
YJA PB18 Visiviri 5.81 327 eP 04 38 39.0 +2.1
YJA LPAZ La Paz 6.47 343 P 04 38 46.4 +1.2
YJA LPAZ La Paz 6.47 343 P 04 39 59.0 -1.9
YJA LPAZ La Paz 6.47 343 P 04 38 46.2 +1.1
YJA LPAZ La Paz 6.47 343 P 04 38 46.3 +1.2
YJA LPAZ La Paz 6.47 343 eP 04 38 45.0 -0.1

SFS 26 04:47:48.1,36.30N;7.62W,h0km,mb3.7/4,ML3.0/15,ML3.3/15,MLv3.2/15
MDD 26 04:47:55.8-0.3,36.56N;7.59W,h0km,mb3.8/34,Error ellipse: s-maj=2.8km s-min=2.1km az=32.0
IGIL 26 04:47:56.0,36.54N;7.59W,h32km,ML2.1
CNRM 26 04:47:56.8,36.15N;7.95W,h95km
INMG 26 04:47:56.5-1.7,36.55N;7.58W,h31km,7km,ML2.3,Error ellipse: s-maj=3.2km s-min=2.1km az=65.0
#DIST_RANGE: REGIONAL #PMA_REGION: Golfo de Cadiz
ISC 26 04:47:54.2-1.1,36.56N;0.003;7.55W;0.003,h46km,26km, n89,1985/170,23C-2D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Barranco-do-Ve, Vaqueiros, El Granado, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Marvo, Sardoal, So Bento, Los Guajares, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Pilon, Chivirico, Coleyville, etc.

CRAAG 26 05:41:16.3,36.46N;4.28E,MI3.1,Algrie 05km SW Akbil
MDD 26 05:41:16.3-0.9,36.45N;4.36E,h0km,mb4.5/17, M,mb4.0/17,Error ellipse: s-maj=7.7km s-min=4.4km az=133.0
ISC 26 05:41:16.8-1.4,36.49N;0.005;4.27E;0.008,h13km,17, 1534/25,10C,Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ATKB, AKET, AKED, etc.

1249

Table listing stations from WRAB to MAJO. Columns include station call letters, frequency, power, status, and coordinates. Includes sub-headers for '26d 7h' and '2020 DEC'.

2020 DEC

Table listing stations from JTM to CD2. Columns include station call letters, frequency, power, status, and coordinates.

26d 7h

Table listing stations from BTO2 to S34M. Columns include station call letters, frequency, power, status, and coordinates.

26d 8h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Murmur, Elevation Murmur, Azimuth Whisper, Elevation Whisper, Azimuth Hiss, Elevation Hiss, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Murmur, Elevation Murmur, Azimuth Whisper, Elevation Whisper.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Murmur, Elevation Murmur, Azimuth Whisper, Elevation Whisper.

1250

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Murmur, Elevation Murmur, Azimuth Whisper, Elevation Whisper.

IGQ 26 07:57:09.0±0.5, 0°N±2.8' 1W±1.1, h10km, M3.7/21, Mjma3.7/21, ML3.9/20, MLV3.5/21, Ms(BB)3.7/16, RSNc 26 07:57:09.7±1.8, 0°N±0.8' 1W±1.4, h0km, M3.4, ML2.9 ISC 26 07:57:10.4±2.0, 0.29N±0.06±0.9W±0.1, h35km, m6.4, e121/68, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Murmur, Elevation Murmur, Azimuth Whisper, Elevation Whisper.

IDC 26 08:24:36.0±2.1, 21°72'N±1.1, 61°E, h0km, mb3.4/4, mbtmp3.5/5, ML4.1/1, Error ellipse: s-maj=85.6km, s-min=20.3km az=52.0 DMN 26 08:24:46.4±0.6, 21°19'0N±93°00'E, h10km, M4.4/8, Error ellipse: s-maj=46.9km s-min=9.4km az=41.0 ISC 26 08:24:48.4±1.2, 21°16'N±92°32'E±3.5, h50km, n13, e149/114, mb3.5/4, Myanmar-Bangladesh border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Murmur, Elevation Murmur, Azimuth Whisper, Elevation Whisper.

26d 9h

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other parameters. Includes stations like CHIANG MAI, SUZUYAMA, WUHAN, etc.

2020 DEC

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other parameters. Includes stations like MAKANCHI, KOLKATA, AK-SAY, etc.

1252

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other parameters. Includes stations like FINES, BUCOVINA, BURAR, etc.

Table with columns: I3OM, comp, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SCRK Sand Creek, K27K Chicken, K24K Donnelly Dome, etc.

AFAD 26 09:31:18.8, 38.02N, 42.99E, h12km, 2km, MW3.8
ISN 26 09:31:18.2, 38.00N, 42.96E, h5km, ML3.8/18
ISC 26 09:31:19.1, 0.6, 37.93N, 42.86E, h0km, 469km, ML3.6, Presumed earthquake

TEH 26 09:31:19.3, 38.01N, 42.96E, h6km, ML3.5, Presumed earthquake

ISC 26 09:31:19.2, 1.1, 38.02N, 0.02, 42.97E, 0.02, h5km, 9km, n74, c087/105, Turkey

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like GEVA, AKDM, PERV, etc.

SNQR Sonqor, Kerman 4.91 129 Pn Pn 09 32 35.8 +1.8
IBDR Badra 5.46 153 ePn Pn 09 32 43.0 +1.7
IBDR 5.46 153 eSn Pn 09 33 45.0 +0.5
RAFI Al-Rafai 6.79 157 ePn Pn 09 33 01.5 +1.9
RAFI 6.79 157 eSn Pn 09 34 16.0 -1.3

BUI 26 09:53:22.0, 21.30N, 144.50E, h60km, mB5.2/15, mb4.9/49, Ms4.3/2, Ms7.4/13
NEIC 26 09:53:50.3, 1.5, 22.47N, 0.07, 142.9E, 0.1, h178km, 6km, mb4.8/20, Error ellipse: s-maj=13.9km s-min=9.6km

JMA 26 09:53:51.6, 0.4, 23.12N, 14.37E, h187km, 4km, MV5.6/19, IOTO ISLANDS REGION
IDC 26 09:53:53.3, 1.5, 22.37N, 142.99E, h210km, 13km, mb4.0/28, mbtmp4.6/32, MS3.1/4, Error ellipse: s-maj=12.6km s-min=7.5km az=70.0

GCMT 26 09:53:53.0, 0.5, 22.44N, 0.03, 143.02E, 0.05, h193km, 5km, MW4.6/69, Moment Tensor Solution, s17.18; s69.687; Duration: 0 Moment tensor: Scale 1016Nm; Mr:1.35; 12; Mw:0.29; 15; Mw:1.06; 16; Mw:1.28; 10; Mw:0.58; 12; Mw:0.42; 12; Best double couple: M1:89300x1016 Np1:0.100000, Azm176.0000; 1.49.0000; NP2:0.235.0000; 868.0000; 1.11.000000

Principal axes: T 2.0520, Plg62.0000, Azm176.0000; N -0.3210, Plg19.0000, Azm47.0000; P -1.7350, Plg20.0000, Azm31.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
ISC 26 09:53:50.1, 0.6, 22.50N, 0.04, 142.97E, 0.06, h182km, 5km, n310, r157/243, mb4.8/158, 1C-1D, Volcano Islands region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like JHH2, JHH2, JHH2, etc.

Main station list table with columns: DL2, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like Dalian, comp=Z, 130nm, 0.8s, etc.

26d 10h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MAKZ Makanchi, P16K Nushak River, BBOO Buckleboo, etc.

2020 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PLID Pearl Lake, BKDN Bear Valley Ra, FINES FINES Array B, etc.

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ISK 26 10:04:37.7, 38.00N:42.92E, h5km, ML2.7/8
AFAD 26 10:04:38.5, 37.99N:42.99E, h7km, 2km, ML2.3
ISC 26 10:04:38.6-1, 38.00N:0.03:42.96E:0.03, h7km, 11km,

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GEVA Gevas, AKDM Akdamar-Van, PERV Siirt/Pervari, etc.

AFAD 26 10:05:04.6, 38.00N:42.96E, h7km, 4km, ML2.7, Turkey

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GEVA Gevas, PERV Siirt/Pervari, IVAN Van, etc.

NOU 26 10:11:11.1, 42.17S, 174.16E, h143km, MLV3.9/6, Off E. Coast of S. Island, N.Z. WEL 26 10:11:17.7, 1.0, 42.54E, h51km, 7km, M3.3/6, ML2.9/7, MLV3.3/6, Error ellipse: s-maj=6.1km s-min=5.4km az=78.9

ISC 26 10:11:17.8, 1.6, 41.74S, 0.05, 174.11E, 0.05, h62km, 8km, n21.0, 0.65/33, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Seddon, Cape Campbell, Ward Fire Stat, Blackbirch Sta, Kekerengu Vall, Tuamarina, Waikakaho Road, Tory Channel, Baring Head, Wellington, Nelson, Kahutara, Palliser, Paruwai Farm, Quartz Range, Birch Farm, Kahui Hut, Hauiti, Urewera.

IDC 26 10:15:53.8, 0.8, 16.83N, 99.41W, h0km, mb4.1/10, mbmp4.0/13, ML3.8/3, MS3.7/16, Error ellipse: s-maj=37.9km s-min=12.4km az=60.0

NEIC 26 10:15:55.2, 1.7, 16.82N, 0.03, 99.62W, 0.03, h10km, 1km, mb4.3/133, Md4.8/174(MEX), Error ellipse: s-maj=6.0km s-min=4.1km az=132.0

MEX 26 10:15:56.3, 0.8, 16.69N, 99.69W, h4km, 5km, MD4.8, Presumed earthquake

ISC 26 10:15:54.6, 1.0, 16.77N, 0.03, 99.61W, 0.02, h13km, 6km, n299.0, 0.28/375, mb4.3/53, MS3.7/13, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Los Arroyos, Cruz Grande, El Cayaco, Atoyac, Mezcala, Tiapa, Tlapaneco, Pinotepa, Platanillo, Huajuapán de L., Yonondua, Tlachiacó, Zihuatanejo, Yautepac, Tochimilco, Popocatepetl, Llan Grande, Rio Verde, Tuzandepetl.

Main seismic event table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists stations like Popocatepetl, San Miguel Top, San Francisco, Puerto Escondi, Toluca, Xochimilco, La Marquesa, Coyoacan, Universidad Na, Mexico City, Puebla, Bosque de Chap, Azcapotzalco, Toxpalan, Oaxaca, Vista Hermosa, Oaxaca, Oaxaca, Oaxaca, Oaxaca, Cuida Lopez Ma, Pico Tres Padr, ATLACOMULCO, ZUMPANGO, Tizayuca, Morelia, Huatulco, Demacu, Jalcomulco, Arroyo Zacate, Aquila, Matias Romero, Comala, Campo Tres, Campo Tres, Llan Grande, Rio Verde, Tuzandepetl.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists stations like TUIG, UXUV, Emiliano Zapat, Agascalientes, Talpa de Allen, Gomez Farias, Aguecatlan, Yelapa, Comitan, El Naranjo, Pavencul, Union Juarez, Linares, Sabancuy, Monterrey, Papasquiario, Tepich, La Paz, Hondo, Lajas Ar, Lajas Ar, Sterling City, San Augustine, Odesa, Natx, China Draw, Las Juntas de, Guadalupe Mount, Post, Aspermont, Perchaven, Love County, Muleshoe, Richland Creek, White Oak Lake, Wichita Mount, Samnorwood, Tucson, Mont Ida, Albuquerque, Lovue County, Albuquerque, Depew, Leonard, Pawnee Station, Rita Blanca, Hobbs, Gravette, Ozark Folk Cen, Sooner Cattle, Titton, Belle, Glamis, Wupatki, Great Sand Dun, Mesa Verde, Waverly.

26d 10h

Table of seismic events for 26d 10h, listing station names (e.g., BC3, GOGA, IRM), magnitudes, times, and locations.

2020 DEC

Table of seismic events for 2020 DEC, listing station names (e.g., CHTO, RSNC, NEIC), magnitudes, times, and locations.

1256

Table of seismic events for 1256, listing station names (e.g., ANTS, SNTS, SLOR), magnitudes, times, and locations.

1257

Table with columns: Call Sign, Frequency, Power, Mode, Band, and other technical details. Includes entries for DZA, MRKS, EKS2, UCH, KK31, etc.

2020 DEC

Table with columns: Call Sign, Frequency, Power, Mode, Band, and other technical details. Includes entries for ZRB, TNS5, TARG, TNS5, etc.

26d 10h

Table with columns: Call Sign, Frequency, Power, Mode, Band, and other technical details. Includes entries for UTK, KURBB, KURKB, etc.

26d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NGP Nagpur, UOSS Minazif, BLSB Bilaspur, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like DOM DQM, KOHI KOHIMA, AZL Aizawl, etc.

1258

Table with columns for station name, frequency, power, and other technical details. Includes stations like PZH, KLMR Klimovskoe, ILGA Ilgaz, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MNK, MNSK, MNR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DEV, DRGR, KOLS, WHN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UPIC, UPEC, UPPC, etc.

26d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Lofoten, NORSAR Array S, NB2, etc.

2020 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DAVA, STU, SSSLB, etc.

1260

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SUMG, PVRL, DAV, etc.

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

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DIYA, KEMA, HANIM, AZEY, AKZED, HEKM, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WINA, CONA, SESA, DPC, NRCA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OUL, LANU, ERTU, I37NO, etc.

1263

Table with columns: CTA, LR, LR, comp-Z, 2.10, 10, eP, Pn, 12 28 41.7 +1.1, TXAR, comp-Z, 0.5nm, 0.8s, baz=108, slow=4.1, SNR=3.9, 12 36 46.7 +0.9

MEX 26 12:28:06.4-0.8, 14'61N-93'50W, h60km, 30km, MD4.5, Presumed earthquake
CATAC 26 12:28:06.4-0.3, 15'N-93'31W, h59km, 12km, M4.8/16, mb4.7/6, MLV4.8/16, Error ellipse: s-maj=6.3km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC, 12 30 30.1, 12 30 33.9 -0.5, 12 31 38.2 +1.6, 12 40 10.8, 12 31 36.6 0.0, 12 41 59.0, 12 32 16.1 -1.4, 12 33 06.6, 12 32 18.0 -0.6, 12 32 17.5 -1.4, 12 32 21.6 -0.1, 12 44 26.5, 12 32 20.9 -0.8, 12 32 56.1 +0.3, 12 34 11.0, 12 48 44.0, 12 33 29.1 -1.8, 12 37 15.0 -0.5, 12 38 38.3 +0.3, 12 38 55.6, 12 38 38.6 +0.4, 12 38 50.4, 12 38 40.2 +0.1, 12 38 39.7 -0.4, 12 38 43.5 +0.2, 12 39 31.9, 12 38 46.0 +0.9, 12 38 50.5 +0.2, 12 38 49.9 -0.5, 12 38 51.9 +1.3, 12 38 51.0 0.0, 12 38 54.5, 12 38 52.3 0.0, 12 38 54.2, 12 38 52.8 +0.4, 12 38 53.3, 12 38 53.7 -0.7, 12 38 56.1, 12 38 54.4 +0.5, 12 38 59.5 +1.1, 12 38 58.9 +0.5, 12 38 58.5 +0.1, 12 39 00.0, 12 38 58.8 -0.4, 12 39 01.1, 12 39 00.1 +0.4, 12 39 04.6, 12 38 59.1 -1.6, 12 39 37.2 +1.1, 12 39 46.3 0.0, 12 39 49.2 -0.1, 12 45 36.2 +0.4, 12 45 37.6 +0.5, 12 45 38.1 +0.4, 12 45 39.4 +1.2, 12 45 39.0 +0.2, 12 45 40.4 -0.1, 12 30 30.1, 12 30 33.9 -0.5, 12 31 38.2 +1.6, 12 40 10.8, 12 31 36.6 0.0, 12 41 59.0, 12 32 16.1 -1.4, 12 33 06.6, 12 32 18.0 -0.6, 12 32 17.5 -1.4, 12 32 21.6 -0.1, 12 44 26.5, 12 32 20.9 -0.8, 12 32 56.1 +0.3, 12 34 11.0, 12 48 44.0, 12 33 29.1 -1.8, 12 37 15.0 -0.5, 12 38 38.3 +0.3, 12 38 55.6, 12 38 38.6 +0.4, 12 38 50.4, 12 38 40.2 +0.1, 12 38 39.7 -0.4, 12 38 43.5 +0.2, 12 39 31.9, 12 38 46.0 +0.9, 12 38 50.5 +0.2, 12 38 49.9 -0.5, 12 38 51.9 +1.3, 12 38 51.0 0.0, 12 38 54.5, 12 38 52.3 0.0, 12 38 54.2, 12 38 52.8 +0.4, 12 38 53.3, 12 38 53.7 -0.7, 12 38 56.1, 12 38 54.4 +0.5, 12 38 59.5 +1.1, 12 38 58.9 +0.5, 12 38 58.5 +0.1, 12 39 00.0, 12 38 58.8 -0.4, 12 39 01.1, 12 39 00.1 +0.4, 12 39 04.6, 12 38 59.1 -1.6, 12 39 37.2 +1.1, 12 39 46.3 0.0, 12 39 49.2 -0.1, 12 45 36.2 +0.4, 12 45 37.6 +0.5, 12 45 38.1 +0.4, 12 45 39.4 +1.2, 12 45 39.0 +0.2, 12 45 40.4 -0.1

2020 DEC

Table with columns: TGIG, 2.31, 10, eP, Pn, 12 28 41.7 +1.1, TXAR, comp-Z, 0.5nm, 0.8s, baz=108, slow=4.1, SNR=3.9, 12 36 46.7 +0.9

26d 12h

Table with columns: TXAR, comp-Z, 0.5nm, 0.8s, baz=108, slow=4.1, SNR=3.9, 12 36 46.7 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Pinedale Array, Tonopah, Auburn Hatcher, Elko, Devils Postpile, Mina Array, etc.

IDC 26 12:47:54.8, 9.18, 37N, 145.58E, h266km, 76km, mb3.3/13, mbtmp3.9/13, Error ellipse: s-maj=25.2km s-min=13.4km az=80.0

NEIC 26 12:47:54.2, 1.1, 18.45N, 07.145, 4E, 0.2, h253km, 9km, mb3.8/18, Error ellipse: s-maj=29.1km s-min=2.8km az=110.0

ISC 26 12:47:53.0, 0.6, 18.37N, 07.145, 4E, 0.2, h250km, n42, c0989/45, mb3.7/22, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUM0 Guam, MANU Manus Island, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, F17K Baldwin Pennin, etc.

NNC 26 13:09:12.1, 2.0, 44.00N, 84.42E, h2km, 13km, mb3.7, mpv3.2, Error ellipse: s-maj=16.4km s-min=6.9km az=131.0

SOME 26 13:08:12.1, 4.4, 07N, 84.47E, h15km, ISC 26 13:09:11.2, 2.2, 44.00N, 09.84, 5E, 0.1, h10km, n22, c250/29, 4C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KTMS Ketmen, MK31 Makanchi Array, DJR Jarkent, etc.

IDC 26 13:11:21.1, 2.3, 4, 24N, 124.15E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=34.7km s-min=22.0km az=64.0, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

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

NEIS 26 13:22:33.4, 65.12N, 173.13W, h13km, IDC 26 13:22:33.8, 2.3, 64.59N, 172.89W, h0km, mb3.5/6, mbtmp3.4/8, ML3.2/2, Error ellipse: s-maj=74.1km s-min=18.0km az=7.0

ISC 26 13:22:34.5, 0.7, 64.88N, 0.008, 173.49W, 0.06, h10km, n11, c3528/14, mb3.6/6, Eastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PVDR Provideniya, YKAW Yellowknife Wh, YKA Yellowknife Ar, etc.

IDC 26 13:36:37.0, 0.7, 2.71S, 139.14E, h0km, mb3.8/11, mbtmp4.1/15, ML4.3/2, MS2.9/6, Error ellipse: s-maj=16.7km s-min=12.5km az=27.0

DJA 26 13:36:43.4, 1.0, 3.5S, 13.9E, h25km, 11km, MA.6/11, mb4.8/2, MLV4.5/11

ISC 26 13:36:42.3, 0.6, 2.72S, 0.06, 139.22E, 0.05, h37km, n35, c1578/34, mb3.8/10, MS3.0/3, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SMPI Sami, GENI Genyem, WAMI Wamena, etc.

WRA Fitzroy Crossi 20.27 220 P 13 41 13.2 -1.6

TATA Tatambora Island 21.24 106 P 13 41 24.4 -1.0

ASAR Alice Springs 21.45 193 P 13 41 26.4 -1.1

NGAO Tingoa Renbel 22.45 114 P 13 41 37.7 -0.7

SKRS Korea Arr 41.32 346 LR 13 42 48.3

PETK Petrovlyovsk-57.75 13 LR 13 46 08.0

ZALV Zalesovo Beam 72.20 330 P 13 48 03.0 -0.3

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

Table with columns: ILAR, Eielson Array, 85.63 24 P, P, 13 49 15.8 -0.9, 0.4nm, 0.8s, baz=270, slow=3.6, SNR=4.9, 0.4nm, 0.8s

IDC 26 13:40:04.0, 1.6, 5.4; 81N: 168.88E, h0km, mb3.4/7, mbtmp3.4/8, ML2.9/1, MS2.8/3, Error ellipse: s-maj=64.3km s-min=14.4km az=167.0

KRSC 26 13:40:05.9, 1.4, 6.4; 93N: 168.48E, h1km, 24km, ML3.9

ISC 26 13:40:05.0, 0.3, 5.4; 3N: 0.1, -1.68; 77E: 0.06, h20km, n37, a=172; 32, mb3.4/7, Komandorskiy Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BKI Bering, 1.88 302 eP, Op, ISC, h m s, ISC, 13 40 37.3 -1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KAPP Kappan, 4.79 32 P, Pn, 13 44 05.1 +1.7

Table with columns: BBKI Banjar Baru, 6.10 337 P, Pn, 13 44 29.7 +7.8, WOJI Wonogiri, Jawa, 6.37 281 P, Pn, 13 44 27.7 +2.2

IDC 26 13:42:52.2, 3.0, 9.0; 2S: 117.15E, h20km, 18km, mb3.8/12, mbtmp4.0/16, ML4.2/4, MS3.4/11, Error ellipse: s-maj=16.5km s-min=10.9km az=49.0

DJA 26 13:42:53.7, 0.2, 9.5; 2: 117.7E, h10km, M4.8/55, mb5.3/12, mb5.0/18, ML4.9/55, Mw(mB)4.7/12

NEIC 26 13:42:54.4, 0.8, 8.9; 1S: 0.09; 117.33E: 0.06, h60km, 9km, mb4.1/11, Error ellipse: s-maj=13.4km s-min=9.1km az=183.0

ISC 26 13:42:54.1, 0.5, 9.1; 2S: 0.05; 117.23E: 0.03, h35km, n100, a=193; 80, mb4.0/14, MS3.4/8, Sumbawa region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, TWSI Taliwang, Sumb, 0.51 318 P, Op, ISC, h m s, ISC, 13 43 01.8 -3.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KAPP Kappan, 4.79 32 P, Pn, 13 44 05.1 +1.7

Table with columns: ANDR Andryr, 3.94 271 eP, P, 14 02 12.2 +0.4, ANDR 120nm, 0.4s, P, Pn, 14 02 14.6

ASRS 26 14:07:14.3, 0.6, 5.0; N: 3.97E, h9km, MLH4.2/8, 1D, Error ellipse: s-maj=6.9km s-min=2.9km az=7.1, Confirmed, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KNGR Kungurtug, Tuv, 1.06 3 P, Pn, 14 07 39.7 +4.2

NNC 26 14:08:06.3, 0.5, 42.9; 1N: 71.06E, h0km, mb2.8, mpv2.9, Error ellipse: s-maj=3.3km s-min=2.4km az=144.0, Suspected Mining explosion.

KRNET 26 14:08:07.9, 0.1, 42.8; 7N: 71.13E, h20km, mb2.7

SOME 26 14:08:07.4, 42.8; 7N: 71.13E, h10km

ISC 26 14:08:07.3, 0.8, 42.8; 7N: 71.04E, h0.02, h0km, m26, a=0; 71/49, 13C-14D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DZA Taraz, 0.20 83 P, Op, ISC, h m s, ISC, 14 08 11.6 +0.4

EKS2 Ekin-Say, 2.01 95 P, Pn, 14 08 43.1 +0.5

ARSB Arslanbob, 2.10 136 P, Pn, 14 08 44.7 +0.8

AAK Ala-Archa, 2.54 94 P, Pn, 14 08 53.1 -0.7

AAK Ala-Archa, 2.54 94 P, Pn, 14 08 50.4 +0.5

OSPO Osh, 2.55 80 P, Pn, 14 09 21.0 -0.7

USP Uch-Torontoy, 2.63 103 P, Pn, 14 08 51.7 +0.3

UCH Uch-Torontoy, 2.63 103 P, Pn, 14 08 51.7 +0.3

CHMS Chumysh, 2.71 86 P, Pn, 14 08 52.7 +0.5

CHMS Chumysh, 2.71 86 P, Pn, 14 08 52.7 +0.5

SALK Salom-Alik, 2.86 133 P, Pn, 14 09 29.2 -0.4

KBK Karagaybulak, 2.87 93 P, Pn, 14 08 54.9 +0.9

TKM2 Tokmak 2, 3.33 88 P, Pn, 14 09 01.4 +0.5

TKM2 Tokmak 2, 3.33 88 P, Pn, 14 09 01.4 +0.5

KRBS Karabastau, 3.47 75 P, Pn, 14 09 09.0 0.0

KRBS Karabastau, 3.47 75 P, Pn, 14 09 09.0 0.0

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

DGS Degersheim, 3.48 82 P, Pn, 14 09 52.0 -0.5

26d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PBA Port Blair, KHLT Khaolaem Dam, CM13 Chiang Mai Arr, etc.

2020 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like GEREES GEREES Array B, CLLE Colim, NOA NORSTAR Array B, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CDITO Canoas, CDITO Durika, CDITO Punta Ardita, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SLOZ, ALBIA, RCFN, etc.

UPP 26 16:10:58.5.0.1, 6.7°85'N-20°21'E, h0km, ML2.5, Presumed earthquake

HEL 26 16:10:59.8.0.2, 6.7°83'N-20°27'E, h0km, ML1.1, Suspected explosion

ISC 26 16:10:58.4.0.8, 6.7°83'N-20°23'E, h0km, m20, c083/35, Sweden

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUA, KAU, RATU, etc.

UPP 26 16:19:13.0.1.1, 3°92'N-92°43'E, h0km, mb3.6/6, mbtmp3.8/9, ML4.2/3, MS3.2/2, Error ellipse: s-maj=29.1km s-min=12.8km az=22.0

DJA 26 15:33:46.9.1.2, 4°N-7°9'3E, 1°0, h85km, 25km, M4.7/18, mB5.2/10, mb5.0/12, ML4.9/18, Mw(mB)4.5/10

BKK 26 15:33:49.8.2.2, 4°N-14°9'3E, 1.4, h10km, M4.1/13, mB4.3/7, mb4.2/13, Mjma3.8/7, ML4.6/6, ML4.5/6, Mw(mB)3.5/7

ISC 26 15:33:44.2.1.0, 3.8°N-0.1°92'40E, 0.09, h35km, n26, c1930/23, mb3.6/6, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AFI, STKA, WRA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PSI, Prapat, Ranong, etc.

SNET 26 15:34:15.1.1.0, 13°30'N-88°12'W, h3km, ML3.7, Presumed earthquake

CATAC 26 15:34:15.1.0.2, 13°N-88°W, h6km, 1km, M3.9/31, MLV3.9/31, Error ellipse: s-maj=4.9km s-min=1.4km az=20.9, confirmed

ISC 26 15:34:15.1.1.0, 13°24'N-0°58:88'13W, 0.02, h14km, 7km, n45, c086/71, El Salvador

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YSM, LCY, LOND, etc.

UPP 26 16:01:38.9.3.3, 0.91S-128°60E, h0km, mb3.1/2, mbtmp3.1/3, ML3.0/1, Error ellipse: s-maj=28.10km s-min=29.2km az=68.0, Halmaera

WRA 26 16:01:38.9.3.3, 0.91S-128°60E, h0km, mb3.1/2, mbtmp3.1/3, ML3.0/1, Error ellipse: s-maj=28.10km s-min=29.2km az=68.0, Halmaera

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUA, KAU, RATU, etc.

UPP 26 16:19:14.1.1, 37°6'N-142°0'E, 0.5, h2km, 1km, M3.4/24, MLh3.4/24

NAO 26 16:19:20.5.39, 14°N-26°32'E, h10km, MB3.5, ISC 26 16:19:12.4.0.3, 37°63'N-22°01'E, 0.02, h9km, 7km, n94, c087/125, mb3.6/9, Southern Greece

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AMT, ART, ZACH, etc.

Table of seismic data for 26d 17h, listing stations like VVK, MTHA, LTK, EPID, etc., with columns for station name, magnitude, time, and other parameters.

Table of seismic data for 26d 17h, listing stations like RIZ, RAO, RAO, etc., with columns for station name, magnitude, time, and other parameters.

Main table of seismic data for 2020 DEC, listing stations like HAZ, WMGZ, PKGZ, etc., with columns for station name, magnitude, time, and other parameters.

Table of seismic data for 1268, listing stations like HHC, TXAR, ANMO, etc., with columns for station name, magnitude, time, and other parameters.

SNET 26 16:46:57.5:3.1, 13.30N:88.13W, h4km, ML3.6, Presumed earthquake

CATAC 26 16:46:57.9:0.1, 13.1N:2.8W, h5km, 1km, M3.8/3.0, MLV3/8/30, Error ellipse: s-maj=4.9km s-min=1.4km az=22.2, confirmed

ISC 26 16:46:58.1:0.6, 13.31N:0.04:88.12W:0.02, h14km, g6km, PAVA 147.09/72, El Salvador

Table of seismic data for 1268, listing stations like Code, Station Name, Az, Phase ID, Time Res, etc., with columns for station name, magnitude, time, and other parameters.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Res. Includes entries like CNBA Chernabura Isl, SDPT Sand Point, DOL Dolgoi Island, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Res. Includes entries like F17K Baldwin Pennin, PNL Peninsula, O28M Mount Upton, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Res. Includes entries like LLL Lapu-Lapu, LBP Tagbilaran, CGP Cagayan de Oro, etc.

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Table with columns: GERES, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Davos/Dischmat, DAVOX, DAVOX, DAVOX, KHC, FINES, BVAR, ZALV, MKAR.

IDC 26 18:23:14.4e.1.0, 9:05S; 117:13E, h10km, mb3.6/7, mbmp3.7/9, ML4.3/4, MS3.0/3, Error ellipse: s-maj=19.9km s-min=12.0km az=52.0

DJA 26 18:23:18.4e.0.2, 9 S; 117E, h10km, M4.7/42, mB5.2/5, mb4.8/7, MLV4.6/42, Mw(mb)4.6/5

NEIC 26 18:23:21.6e.1.3, 9:09S; 0:8W; 117:18E; 0:05, h64km, 8km, mb4.1/13, Error ellipse: s-maj=11.1km s-min=7.6km az=190.0

ISC 26 18:23:18.9e.0.5, 9:22S; 0:05W; 117:22E; 0:04, h35km, n89, c209/91, mb3.9/10, Sumbawa region

Main table listing station names, coordinates, and parameters for the 1271 region. Includes stations like TWSI, PLAI, PLAMP, DBNI, DBNI, IGBI, SRBI, RTBI, LRFI, WSI, JAGI, ABJI, EDJI, BSSI, MKS, BAKI, KAPPANG, KAPI, MMRI, GRJI, PWJI, SNJI, BATI, BATI, BATI, TTSI, UGM, SOEI, SMRI, BKB, BBJ, LUWI, FITZ, FITZ, MBWA, GIRL, PMBI, MTN, MNAI, KKM, FAKI, MEEK, WRA, WRA, WRA, ASAR, ASAR, ASAR, STKA, STKA.

2020 DEC

Table with columns: CM31, CM31, CMAR, CMAR, HOBS3, HOBS1, MAJO, MKJB, MKAR, HO4N1, HO4N3, KURBB, KURK, ZAAO, ZALV, BVAR, ABKAR, BOSHA, NEIC, SDD, SDD, ISC, IDE, PCDR, PCDR, PCDR, PCDR, SADR, SADR, MLPR, MLPR, MLPR, AGPR, AGPR, AGPR, HIDR, HIDR, AOPR, AOPR, AOPR, AOPR, OBIP, OBIP, CELP, CELP, CELP, EMPR, EMPR, ECPR, ECPR, ECPR, SJJG, SJJG, IGPR, IGPR, GPCR, GPCR, PDRP, PDRP, PDRP, SDD, SDD, HUMP, HUMP, HUMP, BANI, BANI, BANI, BANI, BANI, ABDR.

IDC 26 18:30:59.2e.1.5, 17:99N; 0:10; 67:87W; 0:04, h106km, 7km, ML2.6/43, MD3.6/7(RSPF), Error ellipse: s-maj=14.8km s-min=5.1km az=193.0

SDD 26 18:31:01.6e.2.5, 18:03N; 67:97W, h104km, 14km, MD3.2, ML2.5, MW3.0, Presumed earthquake

ISC 26 18:30:57.9e.1.3, 18:1N; 0:1; 67:93W; 0:03, h116km, 10km, n38, c1519/59, Mona Passage

Main table listing station names, coordinates, and parameters for the 2020 DEC region. Includes stations like IDE, PCDR, PCDR, PCDR, SADR, SADR, MLPR, MLPR, MLPR, AGPR, AGPR, AGPR, HIDR, HIDR, AOPR, AOPR, AOPR, AOPR, OBIP, OBIP, CELP, CELP, CELP, EMPR, EMPR, ECPR, ECPR, ECPR, SJJG, SJJG, IGPR, IGPR, GPCR, GPCR, PDRP, PDRP, PDRP, SDD, SDD, HUMP, HUMP, HUMP, BANI, BANI, BANI, BANI, BANI, ABDR.

26d 18h

Table with columns: ABDR, ABDR, ABDR, PODR, PODR, SDDR, SDDR, SDDR, TDBA, TDBA, DJA, NEIC, ISC, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, ISC, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, ISC.

DJA 26 18:32:29.3e.1.1, 1 N; 5:9 E; 1, h13km, 5km, M3.5/12, MLV3.5/12

NEIC 26 18:32:30.5e.1.0, 1:44N; 0:07; 97:35E; 0:08, h29km, 7km, mb4.2/7, Error ellipse: s-maj=13.3km s-min=9.1km az=55.0

ISC 26 18:32:32.5e.4.4, 1:80N; 96:89E, h0km, mb3.9/6, mbmp3.9/6, Error ellipse: s-maj=154.1km s-min=30.2km az=49.0

ISC 26 18:32:29.0e.0.8, 1:35N; 0:05; 97:22E; 0:09, h28km, n33, c209/91, mb4.1/10, Northern Sumatara

Main table listing station names, coordinates, and parameters for the 26d 18h region. Includes stations like PPSI, TRSI, TPPI, RPSI, KCSI, KCSI, PSI, PSI, LHMI, LHMI, IPM, IPM, MNAI, MNAI, HOBS2, HOBS2, HOBS1, HOBS1, BATI, BATI, KNRA, KNRA, WBO, WBO, WBO, WRB, WRB, SONM, SONM, SONM, MKAR, MKAR, MAKZ, MAKZ, INKA, INKA, INKA, KURBB, KURBB, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, BVAR, BVAR, HO4N2, HO4N2, HO4N1, HO4N1, HO4N3, HO4N3, HO4S1, HO4S1, HO4S3, HO4S3, HO4S2, HO4S2, MAN, MAN, KURCH, KURCH, DAV, DAV, DAV, DAV, DMPH, DMPH, DMPH, DMPH, BIFH, BIFH, CGP, CGP, SIJ, SIJ, SIJ, FITZ, FITZ, WRA, WRA, WRA, ASAR, ASAR, ASAR, STKA, STKA, STKA, MKAR, MKAR, KURBB, KURBB, ILAR, ILAR.

NOU 26 18:52:30.3, 18:55S; 168:39E, h10km, MLV5.0/22, Vanuatu Islands

IDC 26 18:52:33.2e.2.6, 18:47S; 168:36E, h52km, 23km, mb4.2/18, mbmp4.5/20, ML5.2/2, MS3.6/18, Error ellipse:

26d 18h

s-maj=16.6km s-min=14.8km az=126.0
NEIC 26 18:52:32.4.0.3, 1.5, 18.40S; 0.06; 168.43E; 0.09, h53km, 6km,
mb4.8/63, Error ellipse: s-maj=12.5km s-min=9.3km
az=95.0

ISC 26 18:52:32.4.0.3, 18.47S; 0.04; 168.46E; 0.05, h50km, n168,
e1504/161, mb4.8/49, MS3.5/15, 3D, Vanuatu Islands

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

2020 DEC

Table with columns: JSU, MJAR, MAJO, etc. Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Suzuyama, Matsushiro Arr, etc.

1272

comp=Z, 7.4nm, 0.7s
KBA Koelnbreinsper 144.91 330 ePKP PKPab 19 12 02.9 -0.5
LESA Schwarzeleite 144.97 331 / PKP PKPab 19 12 03.4 -0.1

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

NEIC 26 18:54:23.1±1.8, 14.68N; 0.05; 93.94W; 0.04, h11km, 3km,
mb4.7/311, Md4.6/92(MEX), Error ellipse: s-maj=8.5km
s-min=5.1km az=209.0

GCMT 26 18:54:27.1±0.6, 14.65N; 0.03; 94.00W; 0.04, h20km, 1km,
MD4.6/78, Moment Tensor Solution. s12,c14; s78,c39;
Mv=1.30±; Mw=0.66±; Ml=1.18±; Mb=0.47±; 0.5;
Mw=0.50±; 19; Best double couple: M2: 172000; 1016
NFI: 300.00000; 327.00000; 9.94.00000; NFI: 2;
e=115.00000; 363.00000; 188.00000; Principal axes: T
2.3780, P1g2.0000, Azm1.00000; N -0.4190,
P1g2.0000, Azm1.00000; P -1.9660, P1g18.0000;
Azm207.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rater function

IDC 26 18:54:28.4±3.0, 14.66N; 93.87W, h51km, 24km, mb4.2/14,
mbmp4.3/17, ML4.1/2, MS4.0/34 Error ellipse:
s-maj=25.3km s-min=13.7km az=42.0

MEX 26 18:54:28.5±0.9, 14.80N; 93.88W, h56km, 87km, MD4.6,
Presumed earthquake

GCG 26 18:54:31.2±1.5, 14.55N; 93.54W, h35km, MD5.1, ML5.0,
Presumed earthquake

ISC 26 18:54:23.1±1.7, 14.63N; 0.04; 94.01W; 0.03, h8km, 10km,
n376, e25/302, mb4.7/19, MS4.1/33, Off coast of
Chiapas

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

26d 19h

Table with columns: PPT, Name, Time, Res, etc. Includes stations like Papeete, IMAR, NEEM, BORG, SCO, etc.

26d 19:01:55.2, 3.740S, 129.39E, h46km, 33km, mb3.1/1, mbtmp3.3/6, ML3.0/5, MS3.0/1, Error ellipse: s-maj=29.9km s-min=23.6km az=135.0

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

26d 19:01:55.5, 1.1, 7.56S, 0.07, 129.5E, 0.1, h50km, 29.7km, az=277.10, Banda Sea

2020 DEC

s-maj=13.1km s-min=11.1km az=133.0 MOS 26 19:42:56.3, 1.0, 37.55N, 143.94E, h10km, mb4.6/21, Error ellipse: s-maj=8.8km s-min=5.4km az=110.4

NEIC 26 19:42:58.4, 1.2, 37.52N, 143.88E, 0.09, h10km, 1km, mb4.5/27, Error ellipse: s-maj=15.4km s-min=8.0km az=134.0

JMA 26 19:42:59.0, 1.0, 37.5N, 143.8E, 0.3, h27km, 1km, MV4, 4/26, FAR E OFF NORTH HONSHU

NIED 26 19:42:59.8, 37.50N, 143.81E, h27km, MW4.0, Moment Tensor Solution, s3 Moment tensor, Scale 10^19Nm

ISC 26 19:43:01.7, 0.5, 37.51N, 143.85E, 0.07, h35km, n140, s156/143, mb4.4/56, MS4.0/3, 8C-8D, Off east coast of Honshu

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

26d 19:01:55.5, 1.1, 7.56S, 0.07, 129.5E, 0.1, h50km, 29.7km, az=277.10, Banda Sea

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

26d 19:01:55.5, 1.1, 7.56S, 0.07, 129.5E, 0.1, h50km, 29.7km, az=277.10, Banda Sea

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Table with columns: BILL, Name, Time, Res, etc. Includes stations like Bilibino, Gaotai, GeErMu, etc.

26d 19:01:55.5, 1.1, 7.56S, 0.07, 129.5E, 0.1, h50km, 29.7km, az=277.10, Banda Sea

26d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES, AKASG, YKA, BRTR, NOA, BUR08, BURAR.

NEIC 26 21:09:16.4, 0.8, 43.49N; 0.04; 105.4W; 0.1, h0km, 1km, ML2.9/34, Error ellipse: s-maj=17.5km s-min=4.1km az=251.0

ICD 26 21:09:18.4, 2.9, 43.43N; 105.51W, h0km, mbmp2.7/3, ML2.7/3, Error ellipse: s-maj=51.7km s-min=13.7km bz=149.0

ISC 26 21:09:17.2, 1.0, 43.48N; 0.05; 105.30W; 0.07, h0km, n30, c072/29, Wyoming

Main station list table for 26d 22h, listing various stations like RSSD, K2ZA, PDAR, etc. with their respective coordinates and phases.

NEIC 26 21:48:15.1, 1.3, 27.30N; 0.09; 96.9E; 0.1, h10km, 1km, mb4.5/15, Error ellipse: s-maj=18.4km s-min=13.0km az=52.0

ICD 26 21:48:20.1, 3.4, 27.26N; 96.99E, h54km, 32km, mb3.5/14, mbmp3.8/15, ML3.7/1, MS3.1/4, Error ellipse: s-maj=37.5km s-min=13.8km az=59.0

ISC 26 21:48:18.6, 0.6, 27.40N; 0.07; 96.84E; 0.06, h35km, n62, c221/73, mb4.0/23, MS3.0/3, Myanmar-India border region

Main station list table for 26d 22h, listing various stations like MOKO, ZIRO, ITAN, etc. with their respective coordinates and phases.

2020 DEC

Main station list table for 2020 DEC, listing various stations like RAMN, GUN, GUN, PKI, etc. with their respective coordinates and phases.

ICD 26 21:52:54.6; 12.0, 24.36N; 141.03E, h328km, 83km, mb2.9/4, mbmp3.6/5, Error ellipse: s-maj=302.9km s-min=19.0km az=73.0, Volcano Islands region

Main station list table for 2020 DEC, listing various stations like KRSR, WRA, MKAR, etc. with their respective coordinates and phases.

1276

NEIC 26 21:57:29.2, 0.2, 20.8S; 0.2; 177.9W; 0.1, h471km, 10km, mb4.0/7, Error ellipse: s-maj=24.1km s-min=13.4km az=201.0

ICD 26 21:57:28.8, 3.3, 20.93S; 177.93W, h485km, 27km, mb3.0/7, mbmp3.9/9, Error ellipse: s-maj=53.5km s-min=20.4km az=144.0

ISC 26 21:57:29.3, 0.8, 20.8S; 0.2; 177.9W; 0.1, h495km, n24, c125/24, mb3.6/11, Fiji Islands region

Main station list table for 1276, listing various stations like MSVF, MSVF, NIUE, etc. with their respective coordinates and phases.

ICD 26 22:20:15.0, 0.5, 52.52S; 26.57E, h0km, mb4.4/17, mbmp4.4/17, MS4.3/42, Error ellipse: s-maj=21.0km s-min=14.0km az=69.0

GFZ 26 22:20:16.7, 0.2, 53.3S; 27.2E, h10km, M4.2/18, mb4.7/18, Error ellipse: s-maj=14.4km s-min=6.2km az=98.3, confirmed

NEIC 26 22:20:16.1, 0.9, 52.5S; 0.1; 26.6E; 0.2, h10km, 1km, mb4.9/44, Error ellipse: s-maj=21.5km s-min=16.9km az=11.0

GCMT 26 22:20:10.2, 0.2, 55.5S; 0.01; 26.74E; 0.02, h12km, MW5.1/28, Moment Tensor Solution, s50, c61; i28, c196; Duration: 0 Moment tensor: Scale 10^16Nm; M1: -4.89e-09; M2: 4.34e-08; M3: 5.44e-09; M4: 1.61e-31; M5: -1.22e-07; M6: 0.22e-31; Best double couple: M4: 9.3600e+10 Np1: 112.000000; 839.000000; lambda: 81.000000; NP2: 280.000000; 851.000000; lambda: 97.000000; Principal axes: T 4.8130, P 16.96, N 0.0000; Azm 16.0000; N 0.2410, P 166.0000; Azm 285.0000; P -5.0580, P 162.0000; Azm 153.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 26 22:20:16.0, 0.4, 52.48S; 0.07; 26.63E; 0.09, h10km, n131, c089/97, mb4.8/41, MS4.4/42, South of Africa

Main station list table for 1276, listing various stations like H04S2, H04S3, H04S1, etc. with their respective coordinates and phases.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LBTT Lobatse, LPHEP Lephepe, KDWAN Kaudwane, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MMAL Mount Meron Ar, URZ Urewera, BATI Baumata, etc.

ISK 26 22:50:53.9, 37:83N, 26:91E, h5km, ML2 9/44
ATH 26 22:50:53.9, 37:83N, 26:91E, h14km, 1km, ML3 1/8,
Latitude uncertainty: 2 km; Longitude uncertainty: 1 km
AFAD 26 22:50:54.1, 37:83N, 26:92E, h7km, 2km, ML2 9,
MLh2,8/9
ISC 26 22:50:54.1, 0.8, 37:82N, 0:01, 26:90E, 0:02, h14km, 5km,
n82, 0:08/0:116, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SMG Samos, KARLOVASI Samo, DRAKEI, KARLOV, GUMULDR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRBN Bodrum, BODT Bodrum, BODP Bodrum, etc.

NIED 26 23:01:13.4, 33:71N, 137:10E, h359km, MW4, 1, Moment
Tensor Solution, s2 Moment tensor: Scale 10^15Nm;
Mn:0.45; Mw:0.36; Ms:0.01; Mw:0.67; Mw:1.21; Mw:0.34;
Fault plane solution: Ms:1.55000x10^15 NP1:
phi_s348.00000, delta_s58.00000, lambda_s8.00000. NP2:phi_253.00000,

26d 23h

383.00000°, 1148.00000°.
IDC 26:23:01.13.3.0.6.33.80N:137.13E, h359km, 6km, mb3.3/18,
mbtmp3.9/22 Error ellipse: s-maj=14.7km s-min=9.4km
az=68.0
JMA 26:23:01.13.4.0.2.33.7N:170.10:137.1E:0.9, h359km, 2km,
MV3.5/37, SE OFF KII PENINSULA
ISC 26:23:01.13.6.0.7.33.82N:137.07E:0.07, h360km, 6km,
n43, c0561/49, mb3.5/18, Near south coast of eastern
Honshu

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Continuation of seismic station data.

2020 DEC

Main table of seismic events with columns: PBO9, IPOC Station P, 0.96, 67, eP, Pn, 23 28 02.8 +0.6, 1um66nm, 1.0s, LPAZ, La Paz, 7.03, 135, P, Pn, 23 34 29.0 +3.6.

IDC 26:23:32:40.2:0.4, 11:27S:73:27W, h0km, mb4.4/16,
mbtmp4.5/21, ML4.2/5, MS4.0/19, Error ellipse:
s-maj=14.0km s-min=9.1km az=42.0
NEIC 26:23:32:42.4:1.5, 11:37S:0:05:73:31W:0.0:06, h10km, 1km,
mb4.9/01, Error ellipse: s-maj=10.6km s-min=8.3km
az=105.0
GFZ 26:23:32:43.1:0.2, 11:38S:3:73W:1, h10km, M4.6/23,
mb4.6/23
VAO 26:23:32:43.0:0.5, 11:40S:73:15W, h10km, mb4.7,
Presumed earthquake
CATAC 26:23:32:51.8:1.1, 11:56S:7:47W:1, h51km, 14km, M4.9/13,
mb5.0/13, mb5.2/7, ML5.2/7, Mw(mb)4.6/7, Mw/Mwp5.4/1,
Mwps/6.1, Error ellipse: s-maj=19.8km s-min=8.7km
az=119.5, confirmed
ISC 26:23:32:41.7:0.3, 11:135S:0:04:73:31W:0.0:10, h10km, n275,
c1538/271, mb4.9/63, MS4.1/18, 1D, Central Peru

1278

Table with columns: LPAZ, La Paz, 7.03, 135, P, Pn, 23 34 29.0 +3.6. Lists various seismic stations and their associated data points.

Table with columns for station name, time, and other parameters. Includes stations like San Joaquin, Araguaia, San Esteban, Serra Nova Dou, Curacav, etc.

Table with columns for station name, time, and other parameters. Includes stations like Pinyon Flats, Kanab, Sheep Range, Topopah Spring, Furnace Creek, etc.

Table with columns for station name, time, and other parameters. Includes stations like Urumqi, Fitzeroy Crossi, XilinHaoTe, Korea Array, etc.

IDD 26:23:36.02:9.1.9, 1.59N:127.14E, h0km, mb3.4/3, mbmp3.5/4, ML3.5/3, Error ellipse: s-maj=119.5km s-min=22.9km az=69.0

DJA 26:23:36.21:4.0.5.2 N:4.12 7E:1, h148km,4km, M4.3/20, mB5.1/5, mb4.5/6, MLV4.2/20, Mw(mB)4.5/5

ISC 26:23:36.19:4.1.1, 1.54N:106.127.36E:0.08, h150km, n15, e2941/19, mb3.4/3, Halmahera

Table with columns for Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GAMI, TNTI, MNI, KMSI, etc.

DJA 26:23:43.54:9.0.4.8 S:2.11 9E:1, h111km,4km, M3.5/14, ML3.5/14

IDD 26:23:43.55:5.4.3.7, 6.2S:119.58E, h0km, mb3.6/2, mbmp3.5/4, ML3.3/2, Error ellipse: s-maj=120.6km s-min=13.5km az=81.0

ISC 26:23:43.50:0.0.9.7, 7.9S:106.006:118.96E:0.06, h10km, n11, e1929/13, Flores Sea

Table with columns for Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like DBNI, Labuhan Bajo, Taliwang, Bulukumba, etc.

IDD 26:23:44.16:1.1.9, 18.44S:178.40W, h600km,21km, mb3.0/4, mbmp3.9/5, Error ellipse: s-maj=27.1km s-min=25.9km az=135.0

ISC 26:23:44.16:3.1.2, 1.83S:0.2:178.5W:0.2, h600km, n20, e161/17, mb3.3/3, Fiji Islands region

Table with columns for Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MSVF, RIZ, RAO, Raoul Island, etc.

IDD 26:23:45.35:7.3.1, 1.6:06N:95:57W, h0km, mb3.4/3, mbmp3.4/6, ML3.5/3, Error ellipse: s-maj=87.9km s-min=15.7km az=30.4

27d Oh

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Huatulco, Puerto Escondido, Matias Romero, Oaxaca, Vista Hermosa, Arroyo Zacate, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Diego Aracena, San Pedro de A, Chuzmiza, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Torodi Ar. Bea, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, ASAR, WRA, MKAR.

SNET 27 00:15:27.9.3.6, 13'30N:88.14W, h7km, ML2.9, CATAK 27 00:15:28.6.2.13 N:3.8'W:1.5 h5km, 1km, M2.8/15, ML2.8/15, Error ellipse: s-maj=6.7km s-min=1.7km az=21.1, confirmed

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Intipuca, El Ranchito, El Ranchito, La Caada, Pacayal, Pacayal, Cosiguina Volc, Potosi Cosigui, etc.

TEH 27 00:33:17.5, 33'42N-53.75E, h9km, 23km, ML3.6, Presumed earthquake, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Anarak, Chekchek, Zefreh, KSRH, etc.

IDC 27 00:38.20.9.1.1, 54.92N:162.88E, h0km, mb3.3/6, mbmp3.37, ML3.1/1, Error ellipse: s-maj=42.3km s-min=5.3km az=149.0

KRSK 27 00:38.23.0.7.0.55, 05N:162.45E, h1km, 14km, M1.1, MOS 27 00:38.24.7.1.0.55, 09N:162.50E, h1km, mb3.9/1, Error ellipse: s-maj=9.9km s-min=4.9km az=66.9

ISC 27 00:38.24.6.2.1, 55.09N:104.162E, h0.03, h24km, 16km, n81, c1925/108, mb3.4/7, 1D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKZ, KBY, KBR, KBT, KBN, KBR, KBN, KBR, KBN, etc.

Table of stations and frequencies for the 1281 frequency range. Includes stations like Bering, Karymskiy, Esso, and Mysel Shipunski with their respective frequencies and call signs.

Table of stations and frequencies for the 2020 DEC frequency range. Includes stations like DAGE, DIDI, ZEVE, IZMIR, and YKAV.

Table of stations and frequencies for the 27d 1h frequency range. Includes stations like SKR, PAU, KDRTR, and various other stations with their respective frequencies and call signs.

27d 1h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YULB, SSSLB, TWGBT, etc.

2020 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CMAR, GOMU, MMRI, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like L18K, KSH2, KBK, etc.

Table with columns: ID, Name, Az, El, Dist, Type, and other details. Includes entries like R32K Eaglecrest, JIS Juneau Island, P32M Killisnoo, etc.

Table with columns: ID, Name, Az, El, Dist, Type, and other details. Includes entries like RAYN Ar Rayn, AKN Aknes, FCC Fort Churchill, etc.

Table with columns: ID, Name, Az, El, Dist, Type, and other details. Includes entries like WESP Westdahl Peak, WESP West Dahl Nort, DTN Dutton Round H, etc.

SOME 27 01:24:38.9, 41:68N-79:20E, h10km
KRNET 27 01:24:39.1, 41:68N-79:25E, h17km, mb3.0
NINC 27 01:24:42.5, 41:71N-79:23E, h0km, mb2.8, mpv2.9
Error ellipse: s-maj=8.0km s-min=5.7km az=162.0
ISC 27 01:24:38.5, 41:71N-79:23E, h13km, n11km, n28, c098/51, 10C-10D, Kyrgyzstan-Xinjiang border

27d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KPKS Kokpek, KTMS Ketmen, MDOK Medeo, KOTS Kotyrbulak, ULHL Ulahoi, ARXS Arharly, JNKS Jany-Kuch, etc.

IDC 27 01:26:07.8.6.2.18'34S-178'21W, h56km, 4.7km, mb2.7, mbtmp3.64, Error ellipse: s-maj=327.0km s-min=30.9km az=157.0, Fiji Islands region

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

IDC 27 01:39:45.4.69.0.1470S-165'53E, h0km, mb3.9/3, mbtmp3.9/3, Error ellipse: s-maj=1154.0km s-min=113.4km az=64.0, Vanuatu Islands

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

ATH 27 01:59:14.6.35'55N-23'17E, h6km, 1km, ML3.8/20, Latitude uncertainty: 0 km; Longitude uncertainty: 1 km

IDC 27 01:59:14.1.0.8.35'64N-23'27E, h0km, mb3.9/18, mbtmp3.8/28, ML3.6/9, Error ellipse: s-maj=16.9km s-min=8.1km az=24.0

NEIC 27 01:59:14.7.2.6.35'43N-0'05'23E, h10km, 1km, mb4.1/13, Error ellipse: s-maj=12.3km s-min=4.5km az=226.0

THE 27 01:59:15.7.36'N-1'2'3E, h2km, 1km, M3.8/33, MLh3.8/33

ISK 27 01:59:17.3.35'52N-23'39E, h5km, ML3.8/21

IDC 27 01:59:15.4.1.0.35'57N-0'03'23E, h0km, 0.03, h11km, 6km, n180, r1996/207, mb4.0/22, 7C-ID, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is, RODP Rodopos, KNDR Palaiochora Ch, IMMV Iera Moni Meta, CH01 Chania, etc.

2020 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GVDS Gavdos, IDI Anoyia, THRS Thira Island, EPID Epidavros, METS Makryloggoss, etc.

1284

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HDMB Hadim, ACER Acrezza, PLVB Plevna, BLBK Belogradchik, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR, MJAR, and GCG.

GCG 27 02:23:10.4±1.2, 13.62N; 91.35W, h19km, 13km, MD4.2, Presumed earthquake

SNET 27 02:23:15.8±2.8, 13.72N; 90.98W, h10km, ML3.2, Presumed earthquake

ISC 27 02:23:11.9±3.0, 13.70N; 91.21W; 0.1±1.1, h10km, n14, e1504/15, Near coast of Guatemala

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STG8, FG8, QGEO, etc.

GFZ 27 02:32:03.0, 4.60S; 153.13E, h55km, Mw5.4/35, Moment Tensor Solution...

MOS 27 02:32:05.7±1.1, 4.52S; 153.29E, h48km, mb5.5/41 Error ellipse: s-maj=7.9km s-min=5.0km s-tilt=11.4°

BJJ 27 02:32:06.3, 4.37S; 153.40E, h56km, mb5.4/31, mb5.3/78, Ms4.9/35, Ms7.4/742

GCMT 27 02:32:07.7±0.1, 4.84S; 0.01±153.14E; 0.01, h54km, Mw5.4/14, Moment Tensor Solution...

NEIC 27 02:32:08.6±2.1, 4.61S; 0.04±153.23E; 0.04, h59km, 5km, mb5.3/198, Mw5.4/15 Error ellipse: s-maj=7.8km

GFZ 27 02:32:08.6±0.6, 5.2±15.3E, h58km, 6km, Ms5.3/59, mb5.4/59, Error ellipse: s-maj=6.4km s-min=5.1km

NEIC 27 02:32:09.4, 4.62S; 153.21E, h66km

WRA 27 02:32:10.2, 4.62S; 153.11E, h50km, Moment Tensor Solution...

WRA 27 02:32:17.3±0.7, 5.5±15.3E, h164km, 11km, Ms5.0/16, mb5.1/16, mb5.5/13, Mw(B)4.9/13, Mw(Mw)4.6/3, Mw(5.0/3)

ISC 27 02:32:08.1±0.3, 4.63S; 0.03±153.23E; 0.03, h62km, 2km, h63km; p-P, N937, mb5.3/252, 86C-42D, New Ireland region

Main table for station 1285 with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RABL, KRVT, I40P, MANU, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like CTAO, SANVU, KOUNG, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO, TARA, QIS, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like QIS, EIDS, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like EIDS, FAKI, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI, NOUC, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, YATNO, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like KDU, SAUI, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like SAUI, MARJC, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like SIJI, SLUI, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like MTN, DRS, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like QLP, WRB, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRAB, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

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Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

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Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

Table with columns: Station, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, STKA, etc.

27d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HAZ Te Kaha, URZ Urewera, SNVZ South Ngauruho, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAOW Narrogin (SRO), SYZ Scrubby Hill, OZH2 Quanzhou, etc.

1286

Table with columns for station name, frequency, power, and other technical details. Includes stations like LYN comp=Z,200nm,5.2s, LYN comp=Z,910nm,18.9s, etc.

27d 2h

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

2020 DEC

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like NEW Newport, RPN Rapa Nui, YKA Yelabanga, etc.

1288

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BOPT Opiter, GRTLX Ghazni, MOTA Moosalm, SQTA Sankt Quirin, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ILAR Eielson Array, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ISK 27 03:34:45.9, AFAD 27 03:34:46.0, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like IDC 27 02:39:46.2, NEIC 27 02:39:48.9, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KCTX Karacabey (Bur), BIGA Biga-Canakkale, KRBG Karabiga-Canak, etc.

27d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like Edirne/Enez-Ca, Enez, Enez, Enez, Enez, Tuzla-Istanbul, etc.

SDD 27 04:04:55.6:1.7, 18.07N:70.98W, h20km, 10km, MD3.0, ML1.8, MW2.3, Presumed earthquake
OSPL 27 04:04:58.9:0.9, 18.04N:71.23W, h18km, 7km, ML1.8, Presumed earthquake
ISC 27 04:04:52.8:1.6, 18.04N:0.06:71.00W:0.07, h11km, 12km, n9, 0.65/17.9C, Dominican Republic region

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like PODR, PODR, PODR, PODR, PODR, etc.

1290

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like ELS, GMN, TPNV, TPNV, TPNV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CLESC Cleveland East, NIKHI Nikolski High, UNV Unalaska Valle, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like P40A Paris, Y49A Blount Mountain, KURKB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details for stations like WVDA, CASY, QSPA, etc.

mb5.4, MLv5.5, Mw(MB)5.3
DSN 27 06:37:34.8, 0.3, 38:37N; 39:28E, h15km, mb5.5/19, Error ellipse: s-maj=5.7km s-min=4.5km az=85.0

Table with columns: Station Name, Frequency, Power, Mode, and other technical details for stations like OZAP, DIGO, EPOS, etc.

NEIC 27 06:29:52.6, 0.6, 19°1'N, 0°3.64'39W, 0.08, h31km, 23km, ML3.0/S, MD3.7(B)SP, Error ellipse: s-maj=59.3km s-min=7.1km az=120, Virgin Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like SMRT, HUMP, GPCR, etc.

Code Station Name Az Az2 Phase ID Time Res

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res for stations like SVRC, ELVZ, ELZ, etc.

Code Station Name Az Az2 Phase ID Time Res

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res for stations like GNI, GNI, GNI, etc.

BUI 27 06:37:26.2, 38°24'N, 38°53'E, h8km, mb5.8/53, mb5.5/85, Ms5.7/89, Ms7.5/87

BGR 27 06:37:29.9, 37°87'N, 39°57'E, h33km, mb5.3, Ms4.7, GII 27 06:37:31.8, 0.0, 38°49'N, 39°39'E, h0km, mb5.6, comp=N, 4.0

IDC 27 06:37:31.4, 0.3, 38°42'N, 39°24'E, h0km, mb5.1/40, mbmp5.1/55, ML4.3/10, MS5.1/19, Error ellipse: s-maj=7.1km s-min=5.8km az=143.0

ISK 27 06:37:31.2, 38°51'N, 39°22'E, h5km, ML5.6/38, CSUSG 27 06:37:32.9, 38°32'N, 39°15'E, h5km, MD4.4/7, MSH3.9/7

IFSG-PP 27 06:37:32.38, 46N, 39:23E, h5km, Mwpp5m7.5, Moment Tensor Solution. s47 Moment tensor: Scale 10^17Nm; M0=0.61±.13; M20=0.30±.22; M30=0.31±.20; M40=1.0±.12; M50=0.38±.24; M60=0.26±.20; Fault plane solution: M0.398000x10^17 NP1:0.330000°, 861.60000°, 1.283.20000°. NP2:0.124.00000°, 831.10000°, 1.12.80000°

NEIC 27 06:37:32.9, 1.1, 38°46'N, 0°4.39'23E, 0.05, h9km, 1km, mb5.4/267, Ms.20.5, 4.216, Mw5.6/33, Mw5.4/45, Mw5.5/51 Error ellipse: s-maj=6.5km s-min=5.4km az=309.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M0=0.11; M20=1.35; M30=0.96; M40=0.56; M50=2.28; Fault plane solution: M0.285000x10^17 NP1:0.222.49000°, 822.19000°, 1.34.45000°. NP2:0.344.92000°, 877.66000°, 1.108.59000°. Principal axes: T: 2.6804, Plg30.0000°, Azm90.0000°; N: 0.3186, Plg18.0000°, Azm349.0000°; P: -2.9869, Plg54.0000°, Azm233.0000°, Moment Tensor Solution. Moment tensor: Scale 10^17 Nm; M0=0.40; M20=0.70; M30=1.10; M40=5.7; M50=0.35; M60=1.14; Fault plane solution: M0.163000x10^17 NP1:0.231.64000°, 835.21000°, 1.15.55000°. NP2:0.334.44000°, 881.11000°, 1.124.22000°. Principal axes: T: 1.7141, Plg28.0000°, Azm91.0000°; N: -0.1740, Plg34.0000°, Azm340.0000°; P: -1.5401, Plg43.0000°, Azm211.0000°

AFAD 27 06:37:32.2, 38°52'N, 39°18'E, h16km, 1km, MW5.3

MOS 27 06:37:32.1, 0.9, 38°47'N, 39°16'E, h13km, mb5.5/54, MS5.0/23, Error ellipse: s-maj=3.9km s-min=2.9km az=99.7

MED_RC 27 06:37:32.0, 38°49'N, 39°21'E, h15km, Mw5.5, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M0=1.26±.08; M20=0.85±.06; M30=0.81±.09; M40=0.93±.04; M50=0.72±.08; Fault plane solution: M0.232000x10^17 NP1:0.231.00000°, 852.00000°, 1.3.300000°. NP2:0.343.00000°, 865.00000°, 1.137.00000°. Principal axes: T: 2.4400, Plg8.0000°, Azm104.0000°; N: -0.2500, Plg41.0000°, Azm7.0000°; P: -2.1900, Plg48.0000°, Azm202.0000°

NEIC 27 06:37:33.6, 38°46'N, 39°22'E, h10km, GCMT 27 06:37:33.9, 0.1, 38°41'N, 0°1.39'20E, 0.01, h12km, MW5.6/152, Moment Tensor Solution. s14, c1, c179, s152, c308. Duration: 1s. Moment tensor: Scale 10^17 Nm; M0=1.0±.03; M20=0.7±.03; M30=1.83±.02; M40=1.24±.08; M50=0.89±.02; M60=1.88±.06; Best double cutoff: M0.289100x10^17 NP1:0.231.00000°, 836.00000°, 1.22.00000°. NP2:0.340.00000°, 877.00000°, 1.124.00000°. Principal axes: T: 2.7760, Plg25.0000°, Azm95.0000°; N: 0.2270, Plg33.0000°, Azm348.0000°; P: -3.0050, Plg47.0000°, Azm215.0000°, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 27 06:37:33.6, 38°46'N, 39°22'E, h10km

NEIC 27 06:37:33.6, 38°46'N, 39°22'E, h10km

GFZ 27 06:37:34.3, 0.2, 39°N, 2°3'9E, h10km, M5.4/82, mb5.2/82

MCSM 27 06:37:34.0, 2.0, 39°N, 2°3'9E, h10km, 2km, mb5.8,

Code Station Name Az Az2 Phase ID Time Res

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res for stations like SVRC, ELVZ, ELZ, etc.

Code Station Name Az Az2 Phase ID Time Res

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res for stations like GNI, GNI, GNI, etc.

1295

Table with columns for call sign, frequency, mode, and other details. Includes stations like PSZ Piskkesteto, MORH Mrgy, and various international services.

2020 DEC

Table with columns for call sign, frequency, mode, and other details. Includes stations like WINA Alland, ARSA Arzberg, and various international services.

27d 6h

Table with columns for call sign, frequency, mode, and other details. Includes stations like CKRC, BIOC, KBA, and various international services.

1297

Table with columns for station name, frequency, power, and other technical details. Includes stations like Vila Bispo, Averroes, Allahabad, Nagpur, Tiouine, Kilima Mbogo, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like Pallekele, Ulaanbaatar, Lanzhou Array, Lanzhou, TengChong, etc.

27d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHIHO Chiang Mai, CHIHO Diego Garcia, XAN Xi'an, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like BBJJ Bungbulang, DOT Dot Lake, PPLA Purkepile, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PLAI Plampang, W59A Clinton, DBNI Kabupaten Domp King, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like T35A Sooner Cattle, MIAR Mouta Ida, OK048 Pawnee Station, etc.

12C 27 06:50:39.0:0.7:0.44N:100.21E, hOkm, mb4.2/13, mbmp4.2/14, ML4.1/1, Error ellipse: s-maj=37.4km s-min=15.2km az=61.0

DJA 27 06:50:42.0:1.0:0.1N:101.00E, h1Okm, M4.6/40, mB6.0/2, mB4.7/6, MLV4.5/40, Mw(mB)5.6/2

NEIC 27 06:50:44.6:0.3:0.31N:100.07E:09:19:1E:0.06, h36km,8km, mb4.4/26, Error ellipse: s-maj=11.5km s-min=7.3km az=209.0

ISC 27 06:50:44.1:0.5:0.37N:100.40E:09:19:1E:0.04, h35km, n77, e1922/81, mb4.4/26, Northern Sumatera

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like MNSI Mandailing Nat, PPI Padang Panjang, BKNL Bangkok, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PP1B Ponte de Pedra, CPUP Villa Florida, and various AM, FM, and TV channels.

Table with columns for station name, frequency, power, and other technical details. Includes stations like IPMB Ipanema, LLO3 Petrohué, BDFB Brasília, and various AM, FM, and TV channels.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SJG San Juan, SDR Presa de Sabán, HUMP Col San Antoni, and various AM, FM, and TV channels.

27d 7h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Eagle Ford 04, Vicksburg, JSC, Y52A, etc.

2020 DEC

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TPB01, R50A, J56A, etc.

1302

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TRY, N41A, Y22A, etc.

Table with columns: call sign, name, frequency, mode, power, status, and other details. Includes stations like PVAQ Vaqueiros, MOE Montero, IFR Ifrane, PSBE So Bento, EVO Evora, MDT Midelt, BDB Bella Bella, etc.

Table with columns: call sign, name, frequency, mode, power, status, and other details. Includes stations like ILULI Iulissat, TSUM Tsumeb, DLBC Dease Lake, U33K Whale Pass, TAM Tamarrasset, S40M Saqqaa, NIAQ Niaqornat, CTZ Chatham Island, KOOLE Kulu, etc.

Table with columns: call sign, name, frequency, mode, power, status, and other details. Includes stations like KEST, NEEM North Greenland, RTZ Ruatuhuna, VRDI Verde Repeater, URZ Urewera, ORIF Oris-en-Rattie, BCAR Beaver Creek A, F30M Barrier River, CALF Calern, G29M Pine Creek, BROLN Thalang, KZ7K Chickang, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like GRC3 Grafenberg Arr, GRC4 Grafenberg Arr, GRA2 Grafenberg Arr, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like KLMR Klimovskoe, BILL Bilibino, BILL Bilibino, etc.

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

27d 7h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like TSSA Tissa, ALCI Alchi Leh, BAUMATA, etc.

2020 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like Lanzhou, Nanjing, Luoyang, etc.

1306

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like PLEV Lefkada island, TSKL Tsoukalades, etc.

Table with columns for station name, frequency, and other technical details. Rows include stations like KEMT, ENCE, INCES, etc.

Table with columns for station name, frequency, and other technical details. Rows include stations like CSS Mathiatis, ASGA, IMMV, etc.

Table with columns for station name, frequency, and other technical details. Rows include stations like ASF PRNI, PRNI, ARPR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Ciudad Bolivar, Dabeiba, Santo Domingo, Ariguani, Magd, Prado, San Jacinto, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Lajitas Array, Pinedale Array, Yellowknife Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, South Pole Qui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Lefkada island, Lefkada island, Lefkada island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kipourio, Kipourio, Dragano-Lefkad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Lefkada island, Lefkada island, Lefkada island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Bolinoao, Chiang Mai Arr, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Zalevoso Beam, Makanchi Array, Kurbb Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kerkira, Sarande, Sarande, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Lefkimi, Igomunita, Igomunita, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Janina, Janina, Pramanda, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Lefkada island, Lefkada island, Lefkada island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Haha-jima-NKT2, Chichi jima, Hitachi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kurbb Kurchatov Arra, WRR Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GTOI Gorontalo, GTOI Gorontalo, GTOI Gorontalo, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LUOR Luperon, LUOR Luperon, LUOR Luperon, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MADR Mac Valverde, MADR Mac Valverde, MADR Mac Valverde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NADR Nagua, NADR Nagua, NADR Nagua, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GRTK Grand Turk, GRTK Grand Turk, GRTK Grand Turk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PODR Polo, PODR Polo, PODR Polo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, JHJ Hachijo jima 2, etc.

27d 11h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, KURBB Kurchatov Arra, WRA Warramunga Arr, ASAR Alice Springs.

SSNC 27 11:01:07.0±0.1, 19.02N:80.63W, h7km±10km, MD3.9, ML2.7, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FSCY Frank Sound, G, LCCY Blossom Villag, CBCY The Bluff, C, CCCC Cccc, LMGC Las Mercedes, CAIB Caibarien, GOIV Chirivivo, MARVS Santiago de Cu, HLGC Holguin, PCC Pino Carpintero, SACS La Guajada, QMBU Quimbué, MASC Masc.

TAP 27 11:51.9, 24.74N:122.41E, h104km, ML3.4, C JMA 27 11:51.5±0.1, 25.1N:122.4E±0.3, h106km±1km, MV2.2/13, NW OFF ISHIGAKIJIMA IS

ISC 27 11:52.5±1.4, 24.89N:10.04:122.42E±0.03, h101km±7km, n105, c088/191, Taiwan region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E0S2 E0S2, E0S3 E0S3, TWB1 Santiao Chiao, TWC Suao, TSWC Su ao, YONG Yonangunijimaku, E0S4 E0S4, YOJ Yonangunijima, YOY Yonangunijima, TIPB Shuangxi, Ilan, EWUT Wuta, SX11 Grass Mountain, NDX1 Dongshan, ENA Nanau, TWE Neicheng, EAHA Aohua, FUSB Fushanzhiwuyua, TWA Mucha, LATG Datong, NDT Datong Townshi, NDLT Wuai, NDLT Kuosheng, TATO Taipei, YM01 YM01, ETL Fush Village, TAP Taipei, YM08 YM08, NACB Ninganchiao, ZUZH Zuzhuzhi, YHNB Yeheng, NSK Sanguang, TWD Chiawan, NNSB Datong, NNSB Datong, ETLH Xiulin Townshi, NNS Nan Shan, PCHY Pengchayiu, HWA Hwaiien, TEYL Yanliu Villag, ETLH Tongmen, KSHI Guanxi Townshi, LXIB Xiulin Townshi, FUSB Fushou, WHF Hehuan Shan, WHF Wufeng Townshi, SHUL Shufeng, SHUL Shufeng, TWT Tachien, TWT Techi, TDCB Iriomote-Funau, IRIF Iriomote-Funau.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESLS Shilin, TEGC Jichi Village, LIOB Emei, NSTT Nanjuang, OWD Renai, WARBT Fenglin Townsh, WUSB Renai, WHP Taichung City, NMLH Miaoili, WVDT WVDT, WPL Puli Township, HGSB Ruisui, DPDB Guoxing, WCS Beigang Elemen, WCS Kuro-shima, JKRS JKRS, EHYH Wanrong, EHYH Hungey, SMLT Sun Moon Lake, FULB Ishigaki jima, SSSL Suanglung, SSSL Yuchr, TYC TYC, ECBN Changbin, YULB Yu-li, EYUL Yuli, TWCT Wufeng, TWFI Yuli, WWF Wufeng, WYWH Wufeng, JISG Ishigakijimahi, WHYT Xinyi Township, WJLS Zhushan, FULB Fuli, CHKT Chengkung, ALS Alishan, CHNS Tsauling, WDKG Gukung, ELDTW Lidau, WDLH Douliu, WDLH Douliu, EDJ Donghe, WOKO Wokos, EDJ Tarama, WTK Tuku, WTK Ta-cheng, WTK Ta-cheng, LONT Longtian, LONT Longtian, STYH Taoyuan, STYH Taoyuan, CHNH Tsauhsan, CHNH Tsauhsan, TPUB Ta-pu, LDUT Ludao, WTP Ta-pu, TWBT Beinan, TWBT Pinglang, TWG TWG, WSF Szu, TWK Hsinying, TWK Hsinying, CHNI Chini, WSL Shulin Townsh, MASBT Mashibuluo, MASBT Mashibuluo, PHUB Peng-hu.

ISC 27 11:22:29.4±2.4, 9.82S:177.64W, h360km, 34km, mb3.7/7, mbmp4.4/9, Error ellipse: s-maj=26.2km s-min=19.7km az=22.0

ISC 27 11:22:28.7±0.8, 19.93S:101.1776W±0.1, h350km, n12, c1502/14, mb4.0/2D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, DRZ Urewera, CTM Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, SUJI Sorong, FITZ Fitzroy Crossi, GSPA South Pole Qui, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz.

ISC 27 11:26:58.1±2.6, 8.32S:112.93E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=166.1km s-min=22.4km az=49.0

DJA 27 11:27:14.3±0.4, 9.5S:111.3E±1.1, h114km±5km, M3.2/16, MLV3.2/16

ISC 27 11:27:13.2±1.1, 8.6S:102.12:194E±0.05, h136km±9km, n11, c0965/17, mb3.3/4, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLJI Banyuglung, BLJI Banyuglung, BLJI Banyuglung, JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, PWJI Pagerwojo, PWJI Pagerwojo.

1310

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNJI Sawahan-Nganju, SNJI Asem Bagus, PCUJ Pacitan, PCUJ Pacitan, WJCI Woganjiri, WJCI Woganjiri, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

NEIC 27 11:27:47.4±1.5, 4.83S:0.09:153.38E±0.05, h48km±10km, mb4.3/13, Error ellipse: s-maj=12.4km s-min=7.2km

ISC 27 11:27:49.2±2.5, 4.76S:153.26E, h71km±18km, mb3.7/10, mbmp4.0/11, MS2.8/1, Error ellipse: s-maj=27.2km s-min=16.5km az=75.0

ISC 27 11:27:47.6±0.6, 4.82S:0.07:153.35E±0.07, h56km±n34, c0594/35, mb4.1/14, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, MANU Manus Island, PMG Port Moresby, PMG Port Moresby, HNR Honiara, CTA Charters Tower, CTA Charters Tower, SANVU Sarautou, TARA Tarawa, DZM Mont Dzumac, QUENC Owen Island, WBO Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, KNRA Kununurra, ASAR Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, MAJO Matushiro, MAJO Matushiro, MJBS Matsu-Tunnel, MJBS Matsu-Tunnel, CMAR Chiang Mai Arr, VANDA Vanda, VANDA Vanda, J17K VABM Dome, MKAR Makanchi Array, MKAR Makanchi Array, GSPA South Pole Qui, GSPA South Pole Qui, GSPA South Pole Qui, TORO Torod Ar, TORO Torod Ar.

ISC 27 11:28:25.9±4.8, 24.09N:50.04E, h0km, mb3.7/8, mbmp3.7/8, MS3.3/5, Error ellipse: s-maj=91.6km s-min=31.8km az=179.0

ISC 27 11:28:31.3±4.0, 24.12N:50.0E±0.2, h35km, n12, c1941/8, mb3.7/6, Eastern Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, MMAL Mount Meron Arr, GNI Garni, KBZ Khabaz, BRTR Keskin Array B, BRTR Keskin Array B, BVAR Borovoye Array, MKAR Makanchi Array, ZALV Zalesovo Beam, FINES FINES Array B, ARCES ARCES Array B, ESCD Sonseca Array, SHEM Shemya Is.

ISC 27 11:37:38.9±1.1, 0.70N:126.28E, h0km, mb3.9/5, mbmp4.0/6, ML3.8/1, MS3.3/3, Error ellipse: s-maj=38.5km s-min=18.9km az=74.0

DJA 27 11:37:43.8±0.2, 1.1N:3.12:126E±1.1, h10km, M3.9/16, mb5.1/1, mb4.1/4, MLV3.8/16, Mw(mb)4.5/1

ISC 27 11:37:45.7±0.9, 0.60N:109.126:19E±0.06, h44km, n18, c1948/15, mb4.0/5, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TERNATE, MANADO, LUWUK, etc.

NAO 27 11:44:53.3±1.2, 71°44'N-3°58'W, h10km, ML3.3
BER 27 11:44:53.5±0.7, 71°51'N-3°94'W, h10km, Mw4.1, ML3.3(NAO), Confirmed Earthquake

ISC 27 11:44:50.3±1.2, 71°5N-01°42'W, h10km, n37, c203/37, Jan Mayen Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DANEBOG, DAG, LOFOTEN, etc.

RSPR 27 11:45:51.0, 18°33'N-68°35'W, h112km, 1km, MD3.6/12
NEIC 27 11:45:51.4±0.8, 18°1'N-02°68'38'W, h100km, 16km, s-min=9.5km az=182.0

SDD 27 11:45:53.2±1.6, 16°16'N-68°31'W, h94km±13km, MD3.5, ML2.5, MW2.8, Presumed earthquake

ISC 27 11:45:51.8±1.4, 18°2N-01°68'33'W, h100km, 8km, n48, c056/66, 28C-7D, Mona Passage

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PUNTA CANA, ISLA Desecheo, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CABO ROJO, MAGUEYES ISLAN, etc.

MAN 27 11:49:01.0, 19°70'N-121°86'E, h13km, MS3.3
ISC 27 11:49:03.3±2.3, 19°57'N-0°09'122'E, h44km, n9, c1544/10, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PAMPIONA GAGAY, BRGY, TAPAO, etc.

MAN 27 11:57:49.0, 11°61'N-126°15'E, h1km, MS3.4
ISC 27 11:57:49.6±2.7, 11°54'N-126°12'E, h0km, mb3.5/5, mb1mp3.5/5, Error ellipse: s-maj=237.9km s-min=21.6km az=67.0

ISC 27 11:57:54.7±1.3, 11°63'N-01°10'126'E, h33km, n9, c1538/13, mb3.5/5, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PALO, LAPU-LAPU, etc.

NOU 27 12:00:52.0, 16°34'S-167°50'E, h9km, MLV4.4/14, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SARAOUITO, DEVILS POINT, etc.

ISC 27 12:08:46.4±2.2, 6°32'S-130°39'E, h0km, mb3.1/1, mb1mp3.1/3, ML3.2/2, Error ellipse: s-maj=104.7km s-min=26.9km az=69.0, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, KURCHATOV ARR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PORT MORESBY, WARRAMUNGA ARR, etc.

IDC 27 12:31:22.8±2.8, 5°08'S-145°78'E, h0km, mb3.3/2, mb1mp3.3/4, ML3.5/1, Error ellipse: s-maj=58.2km s-min=25.3km az=59.0, Eastern New Guinea region

BUI 27 12:32:46.0, 36°53'N-70°48'E, h198km, mb4.9/3, mb4.2/10
NEIC 27 12:32:47.2±1.7, 36°48'N-070°48'E, h212km, 8km, mb4.3/17, Error ellipse: s-maj=14.4km s-min=10.9km az=39.0

NNC 27 12:32:49.2±6.6, 36°74'N-70°39'E, h207km±29km, mb3.0, mp4.0, Error ellipse: s-maj=25.5km s-min=18.9km az=53.0

ISC 27 12:32:46.2±0.5, 36°48'N-070°46'E, h204km, n92, c1845/103, mb4.2/21, 2C-4D, Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KABUL, KARAMYK, etc.

27d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ATAH, MT09, BO04, etc.

2020 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ROSC, DIAM, SDBA, etc.

1314

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Z47A, 735A, HKT, etc.

27d 14h

Table of station data for 27d 14h, including columns for station name, coordinates, and various parameters like PKP, P, and time.

2020 DEC

Main table of station data for 2020 DEC, including columns for station name, coordinates, and various parameters like PKP, P, and time.

1316

Table of station data for 1316, including columns for station name, coordinates, and various parameters like PKP, P, and time.

SJA 27 14:20:16.3:0.6,20:75Sx70:94W,h27km,2M,ML3,3, MW3.7

GUC 27 14:20:20.0:0.8,20:73Sx70:81W,h34km,4M,ML3,3, Presumed earthquake

ISC 27 14:20:18.8:1.5,20:75Sx0:03x70:83W:0.07,h25km,14km,n30,+196/49,9C-3D,Near coast of northern Chile

Table of station data for 1316, including columns for Code, Station Name, coordinates, and various parameters like PKP, P, and time.

Table with columns: SRNI, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SRNI comp=E,736nm,0.0s and SRNI comp=N,1.1um,0.1s.

NEIC 27 14:44:37.7z-2.3,39.53N-101.122.05W:0.04, h28km,5km, mb3.8/5, ML3.6/77, Mw3.9/4(NCEDC), Error ellipse: s-maj=4.4km s-min=1.7km az=101.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OSUM Sutter Buttes, GFC Funks Creek, and OSUM Clark Valley.

Table with columns: SIFF, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIFF Sifford Ridge, GPMM Pine Mountain, and AFDM Forest Hills D.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JBSM San Bruno Mountain, KHMM Horse Mountain, and CNIC Niles Canyon.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCC Jacoby Creek, KCTM Capetown, and PAHR Pah Rah Range.

Table with columns: TULE, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TULE Intermountain, HPLM Lions Peak, and JUMC University of Colorado.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, and ASAR Alice Springs.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, and ASAR Alice Springs.

27d 15h

mbmp4.6/23,ML4.4/2,MS3.9/39,Error ellipse: s-maj=14.5km s-min=12.1km az=126.0 GCMT 27 15:16:30.3-0.2, 18:92S:0.03-167.35E:0.02,h17km, MW4.9/107, Moment Tensor Solution. s31,c35; s107,c147; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=3.07e+17; Mxx0.45e+09; Myy2.62e+11; Mzz0.32e+31; Mxy-0.53e+07; Myz1.16e+26; Best double couple; Mxx3.13900e+16; N1p3.33900000; s36.000000; lambda-104.000000; NP2p3.176.000000; s56.000000; lambda-80.000000; Principal axes: T 2.9330, P1g10.00000; Azm259.00000; N 0.4100, P1g6.00000; Azm351.00000; P -3.3400, P1g77.00000; Azm119.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27 15:16:28.5-0.4, 19.00S:0.03:167.50E:0.05,h28km;2km, h28km;P-P,N378,c1966/254,phase 3/168,MS4.0/36, 10C-10D, Vanuatu Islands

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

2020 DEC

Table with columns: ASAR, Alice Springs, 31.59 256, P, P, 15 22 47.0 -2.1. Lists seismic events with station names, magnitudes, and times.

1318

Table with columns: CD2, Chengdu, 78.79 308, P, P, 15 28 30.0 +1.0. Lists seismic events with station names, magnitudes, and times.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

1321

Table with columns: AKTO, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Aktyubinsk, Niore, Karatay Array, etc.

2020 DEC

Table with columns: MLPR, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Magueyes Islan, Niore, Obispo Donce, etc.

27d 17h

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

NEIC 27 16:22:01.3-0.4, 17.92N, 0.05-66.84W, 0.02, h19km, 1km, ML3.5/43, ML3.7/14(RSPR), Mw3.3/9(SLM), Error ellipse: s-min=7.2km s-max=2.5km az=191.0

NEIC 27 16:22:01.2-1.0, 17.91N, 0.05-66.84W, 0.02, h18km, 4km, n33, 0541/43, 14C-2D, Puerto Rico region

27d 18h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Kurbb Kurchatov Arra, ZALV Zalesovo Beam, TORO Torodi Arr, BeA, ESDC Sonseca Array.

IDC 27 18:02:50.9;50.0, 19:25S-175.67W, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=933.3km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr.

IDC 27 18:15:23.1;3.8, 5:55S-130.45E, h0km, mb3.3/1, mbtmp4.0/3, Error ellipse: s-maj=306.6km

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

JMA 27 18:15:41.4;0.1, 37:0N;0.2;136.4E;0.4, h10km, 1km, MW3.6/40, NW OFF HOKURIKU DISTRICT

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

IDC 27 18:15:45.7;1.5, 36:79N;136.41E, h71km, 22km, mb6.0/3, mbtmp3.5/5 Error ellipse: s-maj=24.7km

IDC 27 18:15:41.5;1.4, 37:03N;0.0;5:136.46E;0.05, h15km, 12km, n11, c0956/16, mb3.2/3, 6D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like JHH Hakui, JJK Kaga, JTT Tlatay, JSZ Suzu, JHR Hegura jima, JHG Matsuhiro Arr.

CMAR Chiang Mai Arr 40.33 71 P P 18 30 06.6 +0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, WRA Warramunga Arr.

IDC 27 18:22:26.8;1.2, 8:22N-58.72E, h0km, mb3.7/8, mbtmp3.7/8, Error ellipse: s-maj=33.7km

IDC 27 18:22:28.4;1.2, 8.2N;0.3;58.7E;0.2, h10km, n8, c0931/8, mb3.7/7, Carlsberg Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, KURBB Kurchatov Arra.

ZALV Zalesovo Beam 50.19 20 P P 18 31 24.2 +0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like TORO Torodi Arr, BeA, ESDC Sonseca Array, WRA Warramunga Arr.

IDC 27 18:23:11.9;50.0, 15:33S-169.81W, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=996.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

IDC 27 18:23:11.9;50.0, 15:33S-169.81W, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=996.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

IDC 27 18:23:11.9;50.0, 15:33S-169.81W, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=996.0km

2020 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WSAR Wadi Sarin, ATD Arta Tunnel, ATD Arta Tunnel.

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

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

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

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

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

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

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

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

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

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

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

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

132Z

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like DAVA Danuels, SENIN Comp 2.20nm, 1.5s, FINES FINESS Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like FINES FINESS Array B, ECH Echery, HFS Hagfors.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like NOA NORSTAR Array B, ESDC Sonseca Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ESDC Sonseca Array, BATI Baumenta, EKA Eskdalemuir Arr.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WRA Warramunga Arr, NOR Nord, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ASAR Alice Springs, SUMG Summit, NEEM North Greenlan.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ASAR Alice Springs, PDAR Pinedale Array, NVAR Mina Array BeA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like TXAR Lajitas Array, IDC 27 18:30:47.1;1.8, 8:10N-58.69E.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ZALV Zalesovo Beam, ESDC Sonseca Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ASAR Alice Springs, IDC 27 18:43:10.1;20.0, 19:03S-179.95W.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MSVF Nonavsu, STKA Stephens Creek, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, TAM Tamanrasset.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vaqueiros, Barranco-do-Ve, Barrancos, Castro Verde, Sao Teotonio, Minas do Lousa, Evora, Arraiolos, Marvo, Montargil, Sardoal.

NEIC 27 18:57:15.2±2.6, 36°1S:0.1±179°E:0.1, h41km, 10km, mb4.7/16, Error ellipse: s-maj=22.0km s-min=2.2km az=132.0

WEL 27 18:57:18.0±0.8, 36°1S:5.1±187°E:1.1, h135km, 12km, M4.8/32, ML4.6/30, MLV4.8/32, Error ellipse: s-maj=8.6km s-min=7.0km az=90.1

IDC 27 18:57:20.2±2.2, 36°13S:179°34E, h71km, 7km, mb4.1/10, mbmp4.3/11, MS3.7/9, Error ellipse: s-maj=19.5km s-min=16.8km az=92.0

ISC 27 18:57:12.6±1.5, 36°17S:0.0±179°88E:0.0, h28km, 9km, n191, c22/22/203, mb4.5/18, MS3.6/9, Off east coast of North Island

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

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

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

IDC 27 19:07:25.3±2.3, 33°24S:179°19W, h387km, 61km, mb3.5/9, mbmp4.2/10, Error ellipse: s-maj=36.0km s-min=21.1km az=38.0

ISC 27 19:07:25.8±0.8, 23°21S:0.1±179°1W:0.2, h400km, n36, c275/31, mb3.6/9, South of Fiji Islands

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

27d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TXAR Lajitas Array, CMAR Chiang Mai Arr, MKAR Makanchi Array, BVAR Borovoye Array, HFS Hagfors, AKASG Main Array B, BRTR Keskin Array B, MMAI Mount Meron Arr.

NNC 27.19:13.11.4.4.5, 37.92N:71.19E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=36.2km s-min=28.0km az=170.0

Main table for 27d 20h section, listing various station codes and names like DRK Karamyk, BTK Batken, OHK Osh, SFA Sufi-Kurgan, etc., with their respective coordinates and parameters.

IDC 27.19:32:59.8:2.4, 6.70S:129.30E, h0km, mb3.1/1, mbmt3.2/3, ML3.5/2, Error ellipse: s-maj=199.9km

Table for IDC 27.19:32:59.8:2.4, listing station codes and names like WRA Waramunga Arr, WRA Waramunga Arr, WRA Waramunga Arr, etc.

RSNC 27.19:58:12.2:0.0, 7.7N:177.3W, h144km, 2km, M3.2, ML2.9, IDC 27.19:58:13.7:3.8, 6.45N:73.63W, h174km, 3.2km, mb3.3/1

Table for RSNC 27.19:58:12.2:0.0, listing station codes and names like BARC Barichara, BRJC Barrancabermej, BRJC La Rusia, etc.

2020 DEC

Table for 2020 DEC section, listing station codes and names like ROSC Cruz Verde, CVER Santa Helena, GUYVC Guyana, etc., with their respective coordinates and parameters.

IDC 27.20:08:36.7:1.0, 38.35N:39.21E, h0km, mb3.3/4, mbmt3.3/8, ML3.2/4, MS3.1/6, Error ellipse: s-maj=15.1km

Table for IDC 27.20:08:36.7:1.0, listing station codes and names like ROSC Cruz Verde, CVER Santa Helena, GUYVC Guyana, etc.

IDC 27.20:16:30.9:2.6, 9.08S:109.37W, h210km, n65, a132/31, mb4.3/17, MS4.1/31, 2C, Central East Pacific Rise

Main table for 2020 DEC section, listing various station codes and names like RPNA Rapa Nui, RPNA Rapa Nui, RPNA Rapa Nui, etc., with their respective coordinates and parameters.

1324

Table for 1324 section, listing station codes and names like BRTR baz=105, slow=27, BRTR comp=Z, 1.70mm, 19.7s, baz=80, slow=LR, GNI Garni, etc.

IDC 27.20:16:30.9:2.6, 9.08S:109.37W, h210km, n65, a132/31, mb4.3/17, MS4.1/31, 2C, Central East Pacific Rise

Table for IDC 27.20:16:30.9:2.6, listing station codes and names like RPNA Rapa Nui, RPNA Rapa Nui, RPNA Rapa Nui, etc.

IDC 27.20:16:30.9:2.6, 9.08S:109.37W, h210km, n65, a132/31, mb4.3/17, MS4.1/31, 2C, Central East Pacific Rise

Main table for 1324 section, listing various station codes and names like RPNA Rapa Nui, RPNA Rapa Nui, RPNA Rapa Nui, etc., with their respective coordinates and parameters.

27d 21h

Table with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, ISC, Time, Res, ISC, H, M, S, ISC. Contains station data for GOKT, ENEZ, GONE, etc.

2020 DEC

Main table of seismic stations with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, ISC, Time, Res, ISC, H, M, S, ISC. Includes stations like MT01, CFA, LMELE, etc.

1326

Table with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, ISC, Time, Res, ISC, H, M, S, ISC. Contains station data for MG00, GOKT, ENEZ, etc.

Table with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, ISC, Time, Res, ISC, H, M, S, ISC. Contains station data for TIR 27.21.04, IGT, LK02, etc.

SDD 27.21:14.41.7±2.0, 18.31N±72.13W, h20km±23km, MD3.0, ML2.1, MVV3.1, Presumed earthquake, OSPL 27.21:14.42.8±0.8, 18.37N±72.03W, h20km±59km, ML1.9, Presumed earthquake, ISC 27.21:14.41.7±2.5, 18.35N±0.05×72.0W±0.1, h13km±10km, n11, 0±62/21, 12C, Haiti region

Table with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, ISC, Time, Res, ISC, H, M, S, ISC. Contains station data for LK02, KEK, NEST, etc.

NNC 27.21:21.01.8±1.1, 49.12N±94.44E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=77.3km s-min=49.0km az=100.0, MOS 27.21:21.14.7±1.2, 49.51N±92.69E, h8km, mb4.8/3, Error ellipse: s-maj=10.7km s-min=9.3km az=11.9, IDC 27.21:21.15.8±0.6, 49.55N±92.77E, h9km, mb3.8/15, mbtmp3.8/22, ML3.7, Error ellipse: s-maj=14.4km s-min=7.2km az=5.0

Table with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, ISC, Time, Res, ISC, H, M, S, ISC. Contains station data for LONE3, LOBH, etc.

ASRS 27.21:21.18.5±0.2, 50.1°N±1.1, 92.7°E±1.0, h9km, ML4.7/15, Error ellipse: s-maj=3.2km s-min=2.2km az=178.0, confirmed, BUI 27.21:21.28.6, 49.36N±91.46E, h8km, mb4.6/2, mb4.3/9, ML4.3/5, ISC 27.21:21.17.2±0.5, 49.59N±104.92.75E±0.03, h10km, n109, c213/152, mb3.8/17, 10C-5D, Mongolia

Table with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, ISC, Time, Res, ISC, H, M, S, ISC. Contains station data for TEL, KZLR, etc.

IDC 27.20:48:30.7±0.6, 30.48S±71.85W, h0km, mb4.1/7, mbtmp4.0/12, ML4.1/5, MS3.4/4, Error ellipse: s-maj=15.6km s-min=14.6km az=172.0, GUC 27.20:48:35.6±0.7, 30.71S±71.59W, h35km, 1km, ML4.6, Presumed earthquake

NEIC 27.20:48:36.5±2.5, 30.70S±0.05±71.75W±0.06, h36km±5km, mb4.7/12, Mw±4.2/47, Mw±4.0(GUC), Error ellipse: s-maj=8.1km s-min=8.4km az=105.0, Moment Tensor Solution: Moment tensor= S(0.191±0.012)M2.26; Mw±0.32; Mw±1.95; Mw±0.23; Mw±1.41; Mw±0.43; Fault plane solution: M2 59000±1015 NP1±161.91000°, 649.18000°, λ 106.37000°. NP2±317.71000°, 843.44000°, λ 71.93000°. Principal axes: T 2.3673, Plg77.0000°, Azm137.0000°; N 0.4055, Plg12.0000°, Azm331.0000°; P -2.7728, Plg3.0000°, Azm240.0000°

NEIC 27.20:48:36.1, 30.69S±71.79W, h33km, ISC 27.20:48:34.7±0.9, 30.66S±0.04±71.89W±0.04, h31km±6km, n108, c195/11, mb4.5/12, MS3.9/3, 6C-9D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, ISC, Time, Res, ISC, H, M, S, ISC. Contains station data for CO06, CO05, etc.

ATH 27.21:04:15.4, 38.39N±21.99E, h8km±2km, ML0.8/1, Latitude uncertainty: 0.9km; Longitude uncertainty: 1 km, Greece

27d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LUNA, Pichilemu, Sierra Bellavi, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPUP Villa Florida, IPOC Station P, etc.

1328

Table with columns for station name, frequency, power, and other technical details. Includes stations like SFA1 Serra Facao, PDRB Porto dos Gac, etc.

27d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like RAR Rarotonga, NATX Nacogdoches, TXAR Lajitas Array, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like WMOK Wichita Mountain, W51A Beattyville, TXAR Lajitas Array, etc.

1330

Table with columns for station name, frequency, power, and other technical details. Includes stations like MSZ Milford Sound, DBIC Denniston, DBIC Dimbokro, etc.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like WUAZ, WUPATI, BICY, etc.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like BUKO, SRU, Q16A, etc.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like TORD, TORDI, CALA, etc.

Table listing various entities (e.g., BLY, HDA, PMG) with columns for name, ID, and numerical values.

Table listing various entities (e.g., Floro, VRAC, VYAY) with columns for name, ID, and numerical values.

Table listing various entities (e.g., NB2, NB2, NOA) with columns for name, ID, and numerical values.

27d 21h

Table with columns for call sign, name, frequency, power, and status. Includes stations like GIUM Giugurelesti, PDRR Paduresti, GEM Giv'at Ha'Em, etc.

2020 DEC

Table with columns for call sign, name, frequency, power, and status. Includes stations like PUL Pulukovo, LBAI Labuhan Bajo, BAKI Biak, etc.

1334

Table with columns for call sign, name, frequency, power, and status. Includes stations like KBZ Khabaz, CGJJ Cibinong, DBJJ Dramaga, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

27d 21h

Table of station data for 27 days and 21 hours, listing stations like PYAG, MOKO, SSE, etc., with their coordinates and various parameters.

2020 DEC

Table of station data for December 2020, listing stations like TIA, XLT, GOMU, etc., with their coordinates and various parameters.

1336

Table of station data for station 1336, listing stations like KUSD, GCAM, etc., with their coordinates and various parameters.

1337

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TXAR, TX31, DBIC, etc.

IDC 27 21:46:56.5, 1.3, 40.02'S; 75.64'W, h0km, mb4.8/4, mbmp4.7/5, Error ellipse: s-maj=60.2km s-min=19.4km az=24.0

NEIC 27 21:46:59.1, 1.4, 39.85'S; 0.06:75.2'W:0.1, h10km, 1km, mb5.0/18, Error ellipse: s-maj=15.3km s-min=10.3km az=278.0

ISC 27 21:47:02.1, 0.6, 39.84'S; 0.06:75.25'W:0.09, h35km, n46, e150/46, mb5.0/10, Off coast of central Chile

Main table for station 1337, listing various seismic stations and their data points.

SNET 27 21:49:17.9, 2.5, 13.23'N; 88.12'W, h9km, ML2.4, Presumed earthquake

CATAC 27 21:49:18.3, 0.3, 13.1'N; 88.12'W, h7km, 2km, ML2.8, MLV2.7/8, Error ellipse: s-maj=7.8km s-min=2.3km az=20.9, confirmed

ISC 27 21:49:18.3, 0.9, 13.29'N; 0.07:88.09'W:0.04, h1km, n7km, n13, e045/21, El Salvador

Table for station 1337, listing various seismic stations and their data points.

NEIC 27 22:02:37.3, 0.8, 39.33'S; 0.02:75.1'W:0.1, h10km, 1km, mb4.3/6, ML3.7(GUC), Error ellipse: s-maj=14.2km s-min=4.3km az=264.0

IDC 27 22:02:39.2, 1.8, 39.21'S; 75.17'W, h0km, mb3.9/4, mbmp3.8/6, ML4.0/2, Error ellipse: s-maj=53.8km s-min=17.3km az=34.0

GUC 27 22:02:40.9, 0.8, 39.44'S; 74.95'W, h18km, 9km, ML3.7, MS4.6, Presumed earthquake

2020 DEC

ISC 27 22:02:40.6, 0.8, 39.36'S; 0.06:75.10'W:0.08, h35km, n53, e151/54, mb4.2/7, Off coast of central Chile

Main table for station 2020 DEC, listing various seismic stations and their data points.

IDC 27 22:12:58.6, 0.7, 3.65'N; 126.56'E, h0km, mb4.1/16, mbmp4.1/17, ML4.6/1, Error ellipse: s-maj=38.0km s-min=12.5km az=73.0

MAN 27 22:13:00.0, 3.3, 39'N; 126.82'E, h32km, MS4.9, DJA 27 22:13:04.9, 1.0, 4.1'N; 9.12'W:1, h10km, M4.5/10, mb4.7/4, mb5.8/1, ML4.4/10, Mw1.9/5, 3/1

NEIC 27 22:13:04.5, 1.4, 3.65'N; 0.07:126.4'E:0.1, h35km, 2km, mb4.4/11, Error ellipse: s-maj=19.8km s-min=10.0km az=72.0

ISC 27 22:13:04.1, 0.5, 3.58'N; 0.05:126.5'E:0.1, h35km, n57, e146/50, mb4.2/20, Talaul Islands

Table for station 2020 DEC, listing various seismic stations and their data points.

27d 22h

Main table for station 27d 22h, listing various seismic stations and their data points.

IDC 27 22:14:27.3, 6.2, 36.54'N; 71.22'E, h198km, 48km, mb3.0/2, mbmp3.7/8, Error ellipse: s-maj=57.6km s-min=37.1km

ISC 27 22:14:26.1, 1.5, 36.6'N; 0.1:71.0'E:0.2, h188km, n10, e164/13, 1C-3D, Afganistan-Tajikistan border region

Table for station 27d 22h, listing various seismic stations and their data points.

IDC 27 22:18:22.3, 1.9, 3.17'S; 131.90'E, h0km, mb3.8/5, mbmp3.7/7, ML3.7/2, Error ellipse: s-maj=99.8km s-min=20.4km az=80.0

DJA 27 22:18:27.0, 5.3, 3.4'N; 131.1'E, h14km, 5km, M3.5/11, MLV3.5/11

ISC 27 22:18:24.8, 0.8, 3.80'S; 0.09:131.29'E:0.08, h10km, n10, e322/11, mb3.8/4, Irian Jaya region

Table for station 27d 22h, listing various seismic stations and their data points.

NEIC 27 22:19:09.3-1.8, 39.21S; 0.05:74.96W; 0.06, h10km, 1km, mb4.5, ML3.5(GUC), Error ellipse: s-maj=9.3km s-min=7.3km az=141.0

GUC 27 22:19:11.7-0.8, 39.37S; 75.01W, h22km, 4km, ML3.7, Presumed earthquake

ISC 27 22:19:08.0-3.1, 39.30S; 0.04:75.17W; 0.06, h12km, 2.0km, n47, r1547/62, mb4.5/5, 1C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Isla Mocha, Corral, Universidad Ad, Panguipulli, Los Muermos, Curarehue, Punta Hualp, Loncomilla, Hotel Espejo d, Paso Flores, Milladeo Hill, San Fabín de, Panimavida, Hualene, Sierra Bellav, Popeta, Juan Fernandez, Curacav, San Esteban, Combarbal, El Pedregal, CO03, CO08, Villá O'Higgins, LPaz, Nana, MACA, Otavalo, BOAV, SNA, SMRC, TORD, NJ2, WHN, MAN, NEIC, IDC, ISC, PGP, TGY, PCPS, LQP, GOP, IBAY, BOLP, JAP, SZZ, SIPP, PACPP, LLLP, SNPH, TBP, CAGAY, TPUB, YULB, SSSL, NACB, KAPI, ENH, CM31, CMAR, CHTO, XAN, KSR5.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Wonju Array Si, Shilong, LSA, Gta2, USRK, USRK FITZ, MBWA, ULN, SONM, SONM, WRAB, WRA, WRA, ASAR, TLY, MORW, FORT, PDKG, MKAR, MKAR, BBOO, ZALV, ARSB, ARSB, KURB, KURB, KURK, BVAR, ABKAR, ILAR, ILAR, ARCES, ARCES, YKA, YKA, YKAZ, YKAZ.

TRN 27 22:38:54.7, 17.36N; 62.59W, h116km, MD3.7, 2C-1D, East of St. Kitts, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKI, SEUS, SEUS, SBLM, SBLM, SABA, SABA, ANWB, SMRT, SMRT, DSHZ, DSHZ, MAGL, MAGL, DWS, DWS, DSWL, DSWL, DLPL, DLPL, SVN, SVN, ILAM, ILAM, BIM, BIM, SLBI, SLBI, MCLT.

GUC 27 22:39:18.5-0.7, 39.35S; 75.09W, h23km, 4km, ML3.6, Presumed earthquake

IDC 27 22:39:19.5-2.2, 38.93S; 74.90W, h0km, mb3.8/3, mbtmp3.8/4, ML3.4/1, Error ellipse: s-maj=55.3km s-min=18.1km az=43.0

ISC 27 22:39:17.8-1.2, 39.28S; 0.05:74.98W; 0.08, h10km, n19, r129/20, mb4.0/3, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Isla Mocha, Corral, Universidad Ad, Panguipulli, Los Muermos, Curarehue, Punta Hualp, Loncomilla, Hotel Espejo d, Paso Flores, Milladeo Hill, San Fabín de, Panimavida, Hualene, Sierra Bellav, Popeta, Juan Fernandez, Curacav, San Esteban, Combarbal, El Pedregal, CO03, CO08, Villá O'Higgins, LPaz, Nana, MACA, Otavalo, BOAV, SNA, SMRC, TORD, NJ2, WHN, MAN, NEIC, IDC, ISC, PGP, TGY, PCPS, LQP, GOP, IBAY, BOLP, JAP, SZZ, SIPP, PACPP, LLLP, SNPH, TBP, CAGAY, TPUB, YULB, SSSL, NACB, KAPI, ENH, CM31, CMAR, CHTO, XAN, KSR5.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Paso Flores, PLCA, PLCA, PLCA, H03S1, H03S2, H03S3, LPaz, BDFB, TXAR.

NNC 27 22:46:00.7-1.0, 36.69N; h32km, 417km, mb3.6, mp3.4, 4C-1D, Error ellipse: s-maj=248.3km s-min=57.7km az=8.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Karatay Array, KK31, AAK, AAK, AB31, AB31.

IDC 27 23:16:42.0-1.4, 40.88S; 75.70W, h0km, mb4.3/2, mbtmp4.3/2, ML3.1/1, Error ellipse: s-maj=36.1km s-min=22.4km az=6.0

GUC 27 23:16:50.0-0.6, 39.53S; 75.05W, h29km, 3km, ML3.8, Presumed earthquake

ISC 27 23:16:51.3-1.3, 39.52S; 0.04:75.11W; 0.07, h35km, n20, r1531/30, 1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Corral, Isla Mocha, Universidad Ad, Panguipulli, Los Muermos, Curarehue, Punta Hualp, Loncomilla, Hotel Espejo d, Paso Flores, Milladeo Hill, San Fabín de, Panimavida, Hualene, Sierra Bellav, Popeta, Juan Fernandez, Curacav, San Esteban, Combarbal, El Pedregal, CO03, CO08, Villá O'Higgins, LPaz, Nana, MACA, Otavalo, BOAV, SNA, SMRC, TORD, NJ2, WHN, MAN, NEIC, IDC, ISC, PGP, TGY, PCPS, LQP, GOP, IBAY, BOLP, JAP, SZZ, SIPP, PACPP, LLLP, SNPH, TBP, CAGAY, TPUB, YULB, SSSL, NACB, KAPI, ENH, CM31, CMAR, CHTO, XAN, KSR5.

IDC 27 23:55:45.7-1.1, 5.66S; 127.78E, h402km, 13km, mb3.2/4, mbtmp4.3/8, Error ellipse: s-maj=18.8km s-min=10.7km az=85.0

NEIC 27 23:55:46.3-0.3, 5.60S; 0.08:127.7E; 0.2, h402km, 11km, mb4.1/1, Error ellipse: s-maj=26.8km s-min=8.4km az=71.0

ISC 27 23:55:45.7-1.0, 5.61S; 0.07:127.75E; 0.10, h400km, n23, r1509/27, mb3.8/7, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fak Fak, SIJ, SIJ, BATI, BATI, MTN, WBO, WRAB, WRAB, WRA, WRA, WRA, MBWA, MBWA, ASAR, ASAR, ASAR, FORT, FORT, FORT, BBOO, BBOO, STKA.

Table with columns: STKA, Stephens Creek, 29.17 155, P, P, 00 01 12.8 +0.7, etc.

TRN 27 23:56:17.8, 17.566N-63.000W, h8km, MD4.3, Leeward Islands

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

SNET 27 23:58:17.8 ± 1.1, 12°19'N-87°09'W, h60km, ML3.1, ML3.5

CATAC 27 23:58:17.8 ± 0.3, 12°12'N-87°17'W, h33km, 2km, M3.5/31

ISC 27 23:58:18.0 ± 1.4, 12.080N-0.05:87.18W ± 0.05, h49km ± 18km

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

GUC 28 00:05:39.2 ± 0.5, 39°32'S-75°11'W, h24km ± 4km, ML3.4

ISC 28 00:05:41.7 ± 1.3, 37°28'S-71°9'W, h0km, mb3.4/2

ISC 28 00:05:37.7 ± 1.3, 39°28'S-0.04:75.17W ± 0.08, h10km, n19

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

Table with columns: Currie, 2.62 112, eS, Pn, 00 06 49.8 -1.5, etc.

IDC 28 00:09:00.6 ± 0.5, 39°38'S-75°21'W, h0km, mb4.5/14

NEIC 28 00:09:01.8 ± 1.5, 39°25'S-0°05:75.12W ± 0.08, h10km, 1km

GUC 28 00:09:02.4 ± 0.7, 39°37'S-75°10'W, h20km, 4km, ML4.4

ISC 28 00:09:01.1 ± 1.5, 39°26'S-0.04:75.17W ± 0.05, h7km, 9km

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

Table with columns: COYC, Coyhaique, 6.71 161, Pn, 00 10 38.7 -1.2, etc.

28d Oh

Table with columns: Station Name, Time, Res, h, m, s, ISC, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HP1G, HNDO, LRAL, NATX, Z47A, 143A, TXAR, SAND, BRDY, WHTX, OZNA, X51A, FPAL, W59A, X48A, ALPN, BG3, KMCS, WLAR, TPB05, W50A, SWET, MNHN, CPCT, PLPT, TMB01, V55A, ABTX, V48A, SN07, WHAR, 128A, MNTX, GD12, FCAR, X34A, WMOK, 319A, HHAR, TUL3, DEOK, SMIW, WINX, WIN, OK048, BLOK, TUC, SBM, 214A, DBIC, DBIC, BOSA, BOSA, P40A, P40A, P38A, KSC1, KSU1, W18A, X16A, X16A, T25A, BLYC, N38A, GRTL, SDCO, WUAZ, PFO, LBTB, U15A, BFSC, BFSC, PV05.

2020 DEC

Table with columns: Station Name, Time, Res, h, m, s, ISC, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PV15, PV15, PV17, PV14, PV10, PV22, PV23, PV21, KNB, ISCO, SHPR, SHPR, CCCA, LRMC, LRMC, GSM, GMY, CLC, SRU, MPMC, O16A, O16A, I37A, ISA, ISA, O20A, O20A, HAYD, HAYD, TPNV, TPNV, P18A, P18A, ECES, ECES, RDMU, RDMU, GMD, GMD, SPMN, SPMN, TPH, TPH, K22A, NVAR, NVAR, NVAR, NVAR, PDAR, PDAR, PDAR, PDAR, TOR, TOR, TOR, TOR, AGMN, AGMN, AGMN, AGMN, M3ND, M3ND, YNE, YNE, YMR, YMR, YHH, YHH, HLID, QLMT, QLMT, ULM, ULM, YKA, WRA, GERES, GERES, ILAR, ILAR, ILAR, ILAR, BRTR, BRTR, AKASO, AKASO, HRA, HRA, ABKAR, ABKAR, NRK, NRK, BVAR, BVAR, KURBB, KURBB, ZALV, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, MKAR, SONM, SONM, SONM, SONM.

1340

Table with columns: Station Name, Time, Res, h, m, s, ISC, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, SONM, MKAR, KURBB, WRA, NNC, ISC, SRNI, SRNI, SRNI, JMU, JMU, ALCI, ALCI, ALCI, THN, THN, THN, EKS2, KK31, AAK, AAK, AAK, AAK, KBK, CHMS, TKM2, SMLA, SMLA, SMLA, SMLA, UTK, UTK, JOSI, JOSI, JOSI, JOSI, KUDL, MK31, MKAR, BVAR, AKTO, AKTO, AKTO, ZALV, GNI, AKASO, FINES, ARCES, HFS, NOA, TORD, INK, YKA, WRA, ASAR, SJA, IDC, JMA, ISC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FUSB, SX11, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DGAR, M5EY, HYB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIL, KBL, H04N2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MJAR, HFS, ESDC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VANDA, YKA, YKA, etc.

ATH 28 02:23:01.5, 37:68N-25:97E, h11km, 3km, ML2,3/6. Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SAM2, SAM2, etc.

AFAD 28 02:23:02.8, 37:70N-26:12E, h7km, 3km, ML2,0. THE 28 02:23:02.1, 38°N-3°26'E, h7km, 2km, ML2,7/8

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

ISC 28 02:23:01.6, 1, 37.70N-02:25.98E, 0.02, h7km, 10km, n49, 0:66/65, Dodecanese Island

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

URLA 28 02:23:01.5, 37:68N-25:97E, h11km, 3km, ML2,3/6. Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

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

GCAM 28 02:23:01.5, 37:68N-25:97E, h11km, 3km, ML2,3/6. Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

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

GCAM 28 02:23:01.5, 37:68N-25:97E, h11km, 3km, ML2,3/6. Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

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

GCAM 28 02:23:01.5, 37:68N-25:97E, h11km, 3km, ML2,3/6. Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

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

GCG 28 02:27:22.1, 0.14, 63N-92:16W, h83km, 8km, MD4,0. Presumed earthquake

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

1343

Table with 7 columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and Residual. Includes stations like HUIG Huatulco and NEUV Arroyo Zacate.

GUC 28 02:30:41.4, 0.6, 39.44S:75:04W, h26km, 3km, ML3.4, Presumed earthquake
IDC 28 02:30:42.0, 1.9, 38.72S:74:52W, h0km, mb3.7/1, mbmp3.5/3, ML3.8/2, MS2.8/1, Error ellipse: s-maj=64.8km s-min=16.8km az=42.0

ISC 28 02:30:38.7, 1.1, 39.42S:04:75:12W:0.07, h10km, n23, o155/38, 3C, Off coast of central Chile

Main table for station 1343 with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like LR04 Corral, BI04 Isla Mocha, LR02 Universidad Au, etc.

MAN 28 02:37:40.0, 4.32N:123.94E, h471km, MS4.2
DJA 28 02:37:41.1, 0.9, 5.1N:10:12.4E, h462km, 6km, M4.5/3/6, mb5.0/25, mb4.8/36, MLV5.2/19, Mw(mb)4.3/25

IDC 28 02:37:41.5, 0.7, 4.57N:123.70E, h491km, 7km, mb3.7/28, mbmp4.6/32, Error ellipse: s-maj=15.6km s-min=6.3km az=74.0

GFZ 28 02:37:41.6, 0.2, 5.1N:3:12.4E, h485km, M4.3/32, mb4.5/32, confirmed

NEIC 28 02:37:43.1, 1.8, 4.59N:04:123.76E:0.1, h497km, 7km, mb4.4/72, Error ellipse: s-maj=15.8km s-min=12.0km az=74.0

ISC 28 02:37:41.4, 0.5, 4.59N:04:123.76E:0.07, h489km, 5km, n227, o123/249, mb4.3/33, 1D, Celebes Sea

Table for station 1343 continuing with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like SGSI Sangihe, CTBH Cotabato-PC H, etc.

2020 DEC

Main table for station 2020 DEC with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like SMKI Samarinda, NLAI Namlea, TTSI Tana Toraja, etc.

28d 2h

Main table for station 28d 2h with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like USA0B Ussuriysk Arra, USR0B Ussuriysk Ar, etc.

1345

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like M29M Somme Creek, D22K Ayikay River, DAWY Dawson, I27K Kandik River, etc.

2020 DEC

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AB31 Akbulak array, GERES GERESS Array B, CMAR Chiang Mai Arr, FUORN Ofenpass-Fuorn, etc.

28d 3h

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SALTA San Pedro de A, AF01 San Pedro de A, AF01 San Pedro de A, etc.

Table with columns for station name, code, station name, and various numerical values representing station data.

Table with columns for station name, code, station name, and various numerical values representing station data.

Table with columns for station name, code, station name, and various numerical values representing station data.

1349

Table listing satellite stations under '1349' with columns for name, frequency, polarization, and coordinates. Includes stations like Casey, Narrogin (SRO), NWAOW, and various ARMA and SOE stations.

2020 DEC

Table listing satellite stations under '2020 DEC' with columns for name, frequency, polarization, and coordinates. Includes stations like Charters Tower, TROLL, Rata Peaks, and various SNA, RPSI, and CHTO stations.

28d 4h

Table listing satellite stations under '28d 4h' with columns for name, frequency, polarization, and coordinates. Includes stations like Nonsavu, Tsumeb, KMB0, and various GYA, TATO, MBAR, and CHNSH stations.

28d 4h

Table with columns for station code, name, frequency, and various signal quality indicators (L, P, S, etc.) and numerical values.

2020 DEC

Table with columns for station code, name, frequency, and various signal quality indicators (L, P, S, etc.) and numerical values.

1350

Table with columns for station code, name, frequency, and various signal quality indicators (L, P, S, etc.) and numerical values.

MOS 28 04:46:16.2±0.0, 4.66N, 126.70E, h95km, mb5.1/19, Error ellipse: s-maj=11.6km s-min=4.9km az=122.4
MAN 28 04:46:16.0, 4.54N, 126.99E, h48km, MS4.4
BUJ 28 04:46:16.7, 4.26N, 126.67E, h121km, mb5.1/13, mb4.9/65
NEIC 28 04:46:17.6±2.3, 4.57N, 0.06E, 126.84E±0.09, h96km, 6km, mb5.0/98, Error ellipse: s-maj=13.1km s-min=8.6km
GFZ 28 04:46:18.0±0.0, 5.5N, 3.12E, h99km, 5km, M5.2/21, mb5.1/21
IDC 28 04:46:18.1±1.2, 4.51N, 126.73E, h105km, 10km, mb4.4/26, mbmp4.7/30, Error ellipse: s-maj=18.1km s-min=8.5km az=70.0
DJA 28 04:46:18.7±0.8, 5.14N, 127.7E, h28km, 11km, M5.0/21, mb5.4/11, mb5.1/21, MLV5.2/16, Mw(mB)4.9/11
ISC 28 04:46:17.6±0.5, 4.56N, 0.03E, 126.91E±0.05, h100km, 3km, h101km, pp-P, n384, e1929/415, mb5.0/135, 17C-9D
Tatau Islands
Code Station Name Δz Az2 Op Phase ID Time Res
DAV Davao City (W) 2.82 332 P Pn 04 47 01.5 +0.5
DAV 603m, 0.4s, baz=204, slow=2.1, SNR=9.3
DAV 1.0m, 0.6s, baz=69, slow=23, SNR=7.4
DAV Davao City (W) 2.82 332 P Pn 04 47 02.9 +1.9
DAV Davao City (W) 2.82 332 P Pn 04 47 00.8 -0.2
DAV Davao City (W) 2.82 332 P Pn 04 47 02.0 +1.0
DAV Davao City (W) 2.82 332 P AML AML 04 47 02.3 +1.3
DAV Davao City (W) 2.82 332 P S S 04 47 02.0 +0.7
GAMI GAMI 2.84 162 P S S 04 47 50.0 +0.1
GAMI Davao City-Mi 2.87 331 P Pn 04 47 02.3 +0.6
DMPH DMPH 3.03 323 P S S 04 47 51.5 +1.6
KCP KCP 3.24 352 P S S 04 47 04.4 +0.6
CDOP Cateel, Davao 3.24 352 eP S Pn 04 47 06.2 -0.3
CDOP 3.24 352 eS S Pn 04 47 02.4 -1.9
BIPH Bislig 3.64 351 eP S Pn 04 47 01.3 -1.7
BIPH 3.64 351 iS S Pn 04 47 51.8 -2.3
CTBH Cotabato-PC H 3.74 315 P Pn 04 47 13.4 0.0
BUPK Musuan 3.77 331 eP S Pn 04 47 14.7 +0.9
BUPK 3.77 331 eS S Pn 04 47 57.3 0.0
TNTI Ternate 3.79 173 P S Pn 04 47 14.4 +0.4
TNTI Ternate 3.79 173 P S Pn 04 47 59.0 +1.3
TNTI Ternate 3.79 173 Pn Pn 04 47 14.0 0.0
TNTI Ternate 3.79 173 P S Pn 04 47 14.9 +0.9
TNTI 3.79 173 P S S 04 47 58.1 +0.4
TNTI Ternate 3.79 173 P Pn 04 47 15.0 +1.0
CGP Gagayan de Oro 4.45 331 iS P Pn 04 47 23.9 +1.0
CGP 4.45 331 iS P Pn 04 48 13.4 +0.7
TSSP Tandag City 4.51 351 eP S Pn 04 47 24.7 +1.0
TSSP 4.51 351 eS S Pn 04 48 10.3 -4.7
KMSI Cibinong 4.92 217 P Pn 04 47 29.9 +0.6
DCHP Dipolog City 5.33 219 eP Pn 04 47 38.6 +3.8
ZCP Zamboanga City 5.35 296 eP S Pn 04 47 34.3 -0.8
ZCP 5.35 296 eS S Pn 04 48 31.4 -4.2

Table with columns for station call letters (e.g., CTAO, INU, KRSR), frequency, and other technical data. Includes stations like Charters Tower, Inuyama, Korea Array, Matushiro, etc.

Table with columns for station call letters (e.g., TLY, WMO, ZSN), frequency, and other technical data. Includes stations like Talaya, Urumqi, Zaisan, etc.

Table with columns for station call letters (e.g., ARSB, KURBB, KURK), frequency, and other technical data. Includes stations like Arslanbob, Kurchatov, etc.

28d 4h

Table of station data for 28d 4h, listing station names, codes, coordinates, and various time series data.

2020 DEC

Table of station data for 2020 DEC, listing station names, codes, coordinates, and various time series data.

1352

Table of station data for 1352, listing station names, codes, coordinates, and various time series data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Waverly Hall, Chaparral WMA, Lakeview Retre, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA, South Pole Qui, TROLL, SNAA, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like A263A, A262A, A262A, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ACOM, A267A, A267A, etc.

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

Main data table with columns for station name, frequency, power, and various technical parameters. Includes stations like BSZH, Beszenyszg, Herceg Novi, etc.

Main data table with columns: Station Name, Country, QTH, Frequency, Power, Mode, Bandwidth, and Signal Report. Includes stations like LK2D, DRAC, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MNK, FAL, FLN, BORA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOS, FINES, KEMA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RAUS, HRFI, GNI, etc.

28d 5h

2020 DEC

1358

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AAA, TNSN, MDOK, DBIC, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GTA2, VLDQ, J61A, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CD2, FFC, EYMN, etc.

1359 28d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MAKGR, F33A, WCI, WCI, WCI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KSAR, KSAR, KSAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TMB01, L04D, PMNB, etc.

KRSZO 28 05:46:42.9i, 11.0, 13:59N-56:91E, h10km, mb8.4/30, Error ellipse: s-maj=236.5km s-min=35.1km az=172.0

28d 5h

s145,c274; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn=1.00e-01; Mw=0.81e+01; Mo=0.19e-01; Mo=0.46e+04; Mo=0.37e+01; Mo=0.34e-04; Best double couple: Mo1.12800e+1017; NP1.0e+134.00000e+0, 641.00000e+0, -57.00000e+0; NP2.0e+273.00000e+0, 657.00000e+0, -115.00000e+0; Principal axes: T 1.0200, Plg9.0000e+0, Azm21.0000e+0; N 0.2150, Plg21.0000e+0, Azm287.0000e+0; P -1.2360, Plg67.0000e+0, Azm132.0000e+0; nsta1 refers to body waves, nsta2=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 28 05:46:46.8z, 1.7, 14; 23N; 0.08:56:79E; 0.09, h10km; 1km, mb5.3/35; Mw=5.4/13; Error ellipse: s-maj=15.7km s-min=13.8km az=114.0 DSN 28 05:46:47.4-0.5, 14; 28N; 56:63E; h10km; mb5.3/35, ML4.4/2, Ms4.8/8; Error ellipse: s-maj=11.9km s-min=5.9km az=89.0 GFZ 28 05:46:47.8, 14; 17N; 56:74E; h10km; Mw5.2/96; Moment Tensor Solution. Moment tensor: Scale 1016Nm; Mn=8.96; Mw=12; Mo=2.58; Mo=2.58; Mo=3.70; Mo=2.50; Fault plane solution: Mo9.46137e+1016 NP1: o=140.05060, s=45.09899, l=-63.82444; NP2: o=285.19978, s=50.52912, l=-113.87658; Principal axes: T 8.5645, Plg2.8452e+0, Azm31.8523e+0; N 1.5927, Plg18.2075e+0, Azm300.9157e+0; P -10.1562, Plg71.5560e+0, Azm130.4224e+0

OMAN 28 05:46:48.3-0.4, 14; 35N; 56:70E; h10km; mb4.7/31, m4.6/6, ms4.6/15, Mw5.2/12; Error ellipse: s-maj=7.2km s-min=5.5km az=342.0 GFZ 28 05:46:50.0-0.2, 14; 14N; 57:17E; h10km; Ms.0/27, mb5.0/27

ISC 28 05:46:47.1-0.4, 14; 19N; 0.04:56:79E; 0.03, h12km; 2km, h12km; p-P, n647, c1957/668, mb5.2/240, MS4.776, 67C-32D, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Contains station data for stations like DMT0, SHAO, SHALIM, etc.

2020 DEC

Table with columns: RAYN, Ar Rayn, 14.14 313, Pn, 05 50 05.3 -2.1. Contains seismic event data for stations like RAYN, KBD, MSEA, etc.

1360

Table with columns: KIV, Kislovodsk, 32.02 341, P, P, 05 53 13.9 +0.3. Contains seismic event data for stations like KIV, BR104, BR131, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Meulaboh, Kurchatov, Chiang Mai, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MOS, KULM, TRPA, VAE, ACER, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SOKA, LJU, WINA, SUW, CONA, etc.

28d 5h

Table with columns for station call letters, name, frequency, and other details. Includes stations like DAVA Damuels, CLL Colim, KASI Kota Agung, etc.

2020 DEC

Table with columns for station call letters, name, frequency, and other details. Includes stations like HNS, OSL Oslo, NB02 NORARS Array S, etc.

1362

Table with columns for station call letters, name, frequency, and other details. Includes stations like BKSI Bulukumba, KSAR KSAR, WNUJ WNUJ, etc.

28d 6h

2020 DEC

1364

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Op, IS, ISC, Time, Res, h, m, s, ISC. Includes stations like Rodrigues Isla, Riviere de l'Arc, Diego Garcia H, etc.

Table with columns: ARTI, Arti, 76.70 355, P, Iamb, P, Iamb, 06 20 30.4, -0.8, 06 20 32.9. Includes stations like Malin Array Be, Korea Array, Hailar Array, etc.

Table with columns: eS, Sn, 06 11 01.3, -8.4, 06 10 18.4, +1.4, 06 10 17.4, +0.8, etc. Includes stations like Futaleuf, Panimavida, Panimavida, etc.

Table with columns: QSPA, MTO3, P, P, 06 18 10.2 +1.1, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists station codes and names.

Table with columns: KBL, Kabul, 86.43 335, P, P, 06 37 49.3 -0.1, etc. Lists stations and their parameters.

1365 South Pole Qui 50.83 180 P P 06 18 10.2 +1.1

s-min=15.9km az=124.0 NEIC 28 06 25:06.4, 1.6, 47.75:0.1x100:2E:0.2, h19km, 1km

KBL Kabul 86.43 335 P P 06 37 49.3 -0.1

Code Station Name Az Phase ID Time Res H01W2 Cape Leeuwin H 16.35 44 Op T 06 45 46.2

JHJ Hachiojima 2 87.80 32 LR 07 15 09.9

H01W1 Cape Leeuwin H 16.36 44 T T 06 45 47.2

KSRK Korea Arry 88.12 28 LR 07 20 59.0

H01W3 Cape Leeuwin H 16.36 44 T T 06 45 48.3

PPT Papeete 90.07 116 LR 07 09 33.4

NWA0 Nargoin (SRO) 19.45 47 LR LR 06 35 21.2

PLCA Paso Flores 91.70 187 P P 06 38 15.9 +1.6

ASAR Alice Springs 35.81 60 P P 06 32 06.2 -0.2

SOMN Songino Array 95.18 4 LR LR 07 23 58.1

ASAR Alice Springs 35.81 60 P P 06 32 06.2 -0.2

EIL Elat 96.71 307 LR 07 16 04.2

ASAR Alice Springs 35.81 60 P P 06 32 06.2 -0.2

ASF Asaf 97.68 310 LR 07 17 02.3

1365 South Pole Qui 50.83 180 P P 06 18 10.2 +1.1

Code Station Name Az Phase ID Time Res

ASAR Alice Springs 35.81 60 P P 06 32 06.2 -0.2

Presumed earthquake
IDC 28 06:44:08.2.0.6, 2.4161S; 70.12W, h46km, 5km, mb3.7/6,
mbtmp3.9/10, Error ellipse: s-maj=22.6km s-min=16.8km,
az=100.0

VAO 28 06:44:28.0.1.6, 2.3585S; 68.72W, h93km, 10km, mb4.2,
Presumed earthquake
ISC 28 06:44:06.7.0.5, 2.4615S; 70.47W, 0.05, h44km, 4km,
n99, e232/114, mb4.2/10, 2C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Contains station data for Chile and various seismic events.

Table with columns: PTGB, Pitanga, 16.74 94 eP, Pn, 06 47 58.1 0.0. Contains station data for Brazil and other locations.

ISC 28 06:44:23.7.1.2, 45.39N; 0.04; 16.24E; 0.04, h9km, 15km,
n10, e940/17, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Contains station data for the Northwestern Balkan Peninsula.

IDC 28 06:49:56.0.0.5, 45.57N; 16.29E, h0km, mb4.0/19,
mbtmp4.0/33, ML3.8/13, MS3.9/24, Error ellipse:
s-maj=8.6km s-min=6.6km az=30.0

MOS 28 06:49:55.2.0.9, 45.46N; 16.22E, h10km, mb4.5/16, Error
ellipse: s-maj=5.0km s-min=4.1km az=81.3
MED_RC 28 06:49:56.0.0, 45.42N; 16.28E, h15km, Mw4.5, Moment
Tensor solution. Moment tensor: Scale 10^16Nm;
M11=0.04e-05; M22=0.72e-05; M33=0.00e-05; M12=0.24e-06;
M13=0.26e-03; M23=0.01e-06; Fault plane solution:
M1=0.82000e+10; N P1=1.00000e+08; S T=8.76e+00000;
lambda=1.771e+00000; NP2=53.00000e+08; S1=0.00000e+00;
lambda=1.4e+00000. Principal axes: T 0.8100, Plg3.0000;
Az=10.0000; N 0.0300, Plg73.0000; Az=201.0000; P
-0.8300, Plg16.0000; Az=9.0000;
VIE 28 06:49:56.6.0.7, 45.46N; 16.24E, h10km, mb4.1/25,
mb4.1/24, m4.4/25, m4.4/24 Error ellipse: s-maj=5.6km
s-min=3.1km az=173.0 3 km NW of Petrinja
NEIC 28 06:49:56.2.1.2, 45.42N; 0.04; 16.29E; 0.05, h10km, 1km,
mb4.4/9, Mw4.3/37, ML4.4/25(VIE), Error ellipse:
s-maj=7.5km s-min=5.2km az=223.0, Moment Tensor
solution. Moment tensor: Scale 10^15Nm; M1=0.07;
M2=0.63; M3=3.5; M4=0.6; M5=1.6; M6=0.4; Fault
plane solution: M4.01000e+10; N P1=56.85000e+08;
S T=8.8029000e+08; NP2=147.25000e+08; S1=4.90000e+08;
lambda=1.7028000e+08. Principal axes: T 3.9394, Plg5.0000;
Az=282.0000; N 0.1314, Plg8.0000; Az=162.0000; P
-4.0708, Plg9.0000; Az=12.0000;
NEIC 28 06:49:56.6.45.41N; 16.31E, h10km
PDG 28 06:49:56.0.6.45.45N; 16.23E, h23km, 1km, MD4.8/5,
ML4.7/12, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0
KRSZO 28 06:49:56.1.0.45.38N; 16.16E, h9km, 1km, ML4.8/29,
Error ellipse: s-maj=10.2km s-min=4.4km az=47.0
BEO 28 06:49:56.7.0.3.45.49N; 16.29E, h8km, 4km, ML4.4/7
ROM 28 06:49:56.1.0.1.45.37N; 0.003; 16.22E; 0.004,
h11km, ML4.8/174, Error ellipse: s-maj=0.3km s-min=0.1km
az=47.0
GFZ 28 06:49:57.2.45.47N; 16.26E, h14km, Mw4.4/37, Moment
Tensor solution. Moment tensor: Scale 10^15Nm;
M11=0.16; M22=4.47; M33=5.63; M12=0.48; M13=1.57; M23=0.64;

Fault plane solution: M=5.44073x10^15 Np1:
q=144.03680; 886.93358; A-170.40350. NP2:
q=53.51871; 880.41917; lambda=3.10984. Principal axes: T
5.9128, Plg4.5808; Az=278.4197; N -1.1178,
Plg79.9316; Az=161.5968; P -4.7950, Plg8.9467;
Az=9.1424;
RHSSO 28 06:49:57.0.0.5, 45.38N; 16.24E, h8km, 2km, ML4.7/9
GFZ 28 06:49:57.2.0.2.45.45N; 16.26E, h10km, M4.8/12,
mb4.8/12, Error ellipse: s-maj=5.4km s-min=4.0km
az=43.0, confirmed
BGR 28 06:49:57.6.0.4.45.46N; 16.33E, h10km, ML4.6/30, Error
ellipse: s-maj=4.6km s-min=3.3km az=154.0
PRU 28 06:49:58.4.45.51N; 16.16E, h10km, M5.0
LDG 28 06:49:59.0.0.3.45.43N; 16.12E, h2km, M3.8/3, M4.3/30,
Error ellipse: s-maj=5.8km s-min=4.2km az=86.0
BNS 28 06:50.0.0.6.0.9.45.74N; 15.78E, h10km, ML4.8
ISC 28 06:49:56.7.0.9.45.42N; 0.01; 16.18E; 0.01, h11km, 6km,
n575, e199/275, mb4.3/33, MS4.0/14, 60C-3DZ,
Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Contains station data for the Northwestern Balkan Peninsula.

Table with columns for station name, frequency, and other technical details. Includes stations like Ljubljana, Gorenja Brezova, Pernice, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like Molln, Podgorica, Sankt Quirin, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like Podgorica, Sankt Quirin, etc.

28d 6h

Table with columns for station code, name, frequency, and other technical details. Includes stations like UBR, MATE, BARS, NIE, DPC, etc.

2020 DEC

Table with columns for station code, name, frequency, and other technical details. Includes stations like HLF, MLR, MNR, etc.

1368

Table with columns for station code, name, frequency, and other technical details. Includes stations like BGF, HYF, BSD, etc.

Table with columns: EIL, Elat, 21.57 130 P, P, 06 54 48.2 +2.1, comp=Z,5.8nm,0.8s,baz=41,slow=9.3,SNR=2.6

ASAR Alice Springs 125.71 88 PKP PKiKP 07 08 59.6 +0.9, comp=Z,0.4nm,0.9s,baz=273,slow=1.8,SNR=2.3

ASAR Alice Springs 43.49 257 P, P, 07 15 23.3 +0.4, 1.1nm,0.5s,baz=96,slow=7.7,SNR=30

Table with columns: MKAR, Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual, Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual.

NNC 28 07:26:08.2±3.9, 50.33N:82.43E, h0km, mb2.7, mpv2.3, Error ellipse: s-maj=39.6km s-min=10.7km az=48.0, Suspected Mining explosion.

ASRS 28 07:26:08.0±0.7, 49.69N:81.70E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 28 07:26:13.2±1.3, 49.79N:81.56E, h0km, mbtmp2.4/3, ML2.0/3, Error ellipse: s-maj=14.6km s-min=11.7km

ISC 28 07:26:10.5±1.2, 50.040N:086.8203E±0.07, h0km, n8, c059/13, 5C-3D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual, Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual.

MOS 28 07:31:07.7±1.0, 0.14S:124.42E, h40km, mb5.5/75, Error ellipse: s-maj=8.0km s-min=4.3km az=118.4

IDC 28 07:31:09.4±1.2, 0.18S:124.34E, h43km, 10km, mb5.0/38, s-maj=5.2/43, ML4.8/5, MS4.0/47, Error ellipse: s-maj=13.5km s-min=7.4km az=71.0

GFZ 28 07:31:10.±0.2, 0.2°S:12°5E, h42km, 2km, M5.2/71, mb5.5/71, Error ellipse: s-maj=4.7km s-min=3.4km az=49.3, confirmed

DJA 28 07:31:11.8±1.0, 0.1°S:12°5E, h57km, 1km, M5.3/137, mb5.8/97, mb5.5/137, ML5.8/53, Mw(MB)5.3/97, MwMwp4.8/13, Mwmp5.2/13

GCMT 28 07:31:11.2±0.2, 0.26S:01:124.55E±0.02, h41km, Mw5.2/106, Moment Tensor Solution. s84.c109; s106.c151; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=5.81±.22; M0=3.78±.15; M1=2.02±.17; M2=3.06±.12; M3=3.53±.10; Mw=2.20±.15; Best double couple; Mo=2.3400x10^16 Np1=0.23000000, 0.82900000, 7.8700000, NP2=0.5300000, 0.66100000, 0.91000000; Principal axes: T 6.8710, Plg74.0000; Azm327.0000; N 0.7350, Plg1.0000; Azm253.0000; P -7.5960, Plg16.0000; Azm142.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

NEIC 28 07:31:11.4±1.5, 0.19S:0.06x124.51E±0.05, h52km, 4km, mb5.5/214, Mw5.5/110, Error ellipse: s-maj=8.9km s-min=6.9km az=159.0

GFZ 28 07:31:11.2±0.2, 0.21S:124.55E, h35km, Mw5.1/82, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn=3.46; M0=3.25; M1=0.21; M2=1.6; M3=2.29; Mw=1.74; Fault plane solution: Mo=4.92315x10^16 Np1=0.54, 0.5721, 0.627, 7.145; 0.81, 5.1674; NP2=0.252, 0.7821, 0.28, 4.7977; 1.105, 9.820; Principal axes: T 4.7372, Plg71.0364; Azm305.3341; N 1.0927, Plg7.5333; Azm57.9691; P 5.3239, Plg17.2984; Azm150.3295;

ISC 28 07:31:11.2±0.3, 0.22S:0.03x124.55E±0.03, h59km, 2km, h59km; p-P, n918, c145/944, mb5.4/271, MS4.1/60, 14C-27D, Southern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual, Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual.

Table with columns: Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual, Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual.

Table with columns: Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual, Station Name, Azimuth, Altitude, Azimuth Error, Phase, Time, Residual.

1371

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, AUALC St Philip's Co, ASO1 Alice Springs, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, KLBR Kellerberrin, WHN Wuhan, etc.

28d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMSA Cobar Meteorol, XAN Xanadu, INU Inuyama, etc.

28d 7h

2020 DEC

Table with columns: Station, Name, Frequency, Mode, Power, SNR, etc. Includes stations like CNB Canbera Magne, AUSMS Snowy Mountain, BTO2 Baotou, BWNRR Bhuvaneshwar, etc.

Table with columns: Station, Name, Frequency, Mode, Power, SNR, etc. Includes stations like SONM comp=Z,0.5nm,0.3s,baz=20,slow=43,SNR=4.5, AKL Akolia, SONM Sogingio Array, GUNA GUNA, etc.

Table with columns: Station, Name, Frequency, Mode, Power, SNR, etc. Includes stations like LBZ Lake Benmore, MA2 Makanchi, PETK Petrapavlovsk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MA2 Magadan, BTK Batken, ZAAO Zalesovo Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ATD Arta Tunnel, BELG Belogomye, GNL Garni, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BNN Bunyan, COLA College, CCB Clear Creek Bu, etc.

28d 8h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for various stations.

2020 DEC

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for various stations.

1374

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: QSPA, South Pole Qui, 85.67 180, P, P, 08 30 30.8 +0.6, etc.

THE 28 08:23:51.0, 38°N, 119°2' 7E, h17, h40km, 52km, M3.0/4, MLh3.0/4

ISK 28 08:23:55.8, 37°96'N, 26°73'E, h2km, ML2.4/15, AFAD 28 08:23:56.2, 37°95'N, 26°72'E, h7km, ML2.3

ISC 28 08:23:56.4, 1.2, 37.95N, 0.03, 26.69E, 0.04, h8km, 10km, n29, c055/42, Dodecanese Islands

Main table for station 1375 with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

PTWC 28 08:25:29, 19°10'N, 60°30'W, ML4.6/7, IDC 28 08:25:31, 9.0, 18.65N, 60.43W, h0km, mb4.2/18, mbmp4.2/21, ML3.5/3, MS3.8/3, Error ellipse: s-maj=14.3km s-min=9.3km az=146.0

Azm167.00000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

RSNC 28 08:26:57.9, 3.8, 15°N, 30°6'W, 3.1, h119km, 71km, M4.3, mb4.9, mb4.7, Mw(mb)4.1

ISC 28 08:26:56.6, 2.3, 18.72N, 0.04, 60.60W, 0.04, h32km, 16km, n343, c1942/327, Mw(mb)4.1, MS3.9/36, Leeward Islands

Main table for station 2020 DEC with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Main table for station 28d 8h with columns: SDDR, Presa de Saban, 10.12 273, S, Sn, 08 29 45.8 -6.6, etc.

28d 8h

Table with columns: LPAZ, comp, Z, 3.3nm, 0.8s, baz=30, slow=9.5, SNR=6.7, LR, 08 47 39.0, etc.

2020 DEC

Table with columns: NEW Newport, 54.08 317, Iamb, Iamb, 08 35 10.5, etc.

1376

Table with columns: ASAR Alice Springs, 165.61 247, PKPdf, 08 45 39.1 +0.2, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CSGN Cosiguina Volc, PCHN Potosi Cosigui, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like NJD Zhudong, ETLH XiuLin Townshi, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like RTAL Retalhuleu, RTAL Retalhuleu, etc.

TAP 28 08:46:30.7, 25.55N, 122.76E, h239km, ML4.1, D

JMA 28 08:46:32.7, 0.3, 25.12N, 122.55E, 0.8, h233km, 3km, M3.3/6.16, NW OFF ISHIGAKIJIMA

ISC 28 08:46:34.3, 1.7, 25.43N, 0.06, 122.59E, 0.03, h221km, 9km, n113, c09N0219, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PCYT Pengchayiu, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WJWS Zhushan, WJWS Xinyi Township, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SJA 28 08:51:10.8, 0.5, 39.24S, 75.53W, etc.

28d 9h

Table of seismic events with columns for station code, name, magnitude, depth, time, and location. Includes stations like Panguipulli, Los Muermos, Currie, Cuncho, Petrohue, Curarrehue, etc.

2020 DEC

Table of seismic events with columns for station code, name, magnitude, depth, time, and location. Includes stations like BDFB Brasilia, SMTB Santa Maria do, BELA Belgrano 2, VNA3 Neumayer Olymp, etc.

1378

Table of seismic events with columns for station code, name, magnitude, depth, time, and location. Includes stations like NEDR Neiba UASD, LODUJ El Esparitillar, JIDR Jimani, SDDR Presa de Saban, etc.

Table with columns: YKA, 1.0nm,0.5s, Yellowknife Ar, 94.03 26 P, P, 10 05 47.3 -0.1

IDC 28 10:00:54.1,3.0,19.04S:176.04W,h0km,mb3.7/3, mbtmp3.7/3,MS3.5/1,Error ellipse: s-maj=320.9km s-min=35.4km az=159.0,Fiji Islands region

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

IDC 28 10:06:05.2,64.77N:30.71E,h0km,ML 1.8,Kostomuksha, Karelia

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

IDC 28 10:14:43.8:2.2,7.21S:129.89E,h133km,21km,mb3.6/6, mbtmp4.0/11,MS3.4/2,Error ellipse: s-maj=33.4km s-min=17.2km az=86.0

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

IDC 28 10:19:35.8:1.2,6.12S:142.50E,h0km,mb3.7/2, mbtmp3.7,ML3.6/3,MS3.0/4,Error ellipse: s-maj=23.3km s-min=13.9km az=59.0

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

Table with columns: JAY, Port Moresby, 5.66 122 AML, AML, Pn, 10 21 02.9 +1.7

IDC 28 10:23:36.0:0.7,2.20N:126.52E,h0km,mb4.0/12, mbtmp4.0/13,ML3.3/1,MS3.2/4,Error ellipse: s-maj=32.4km s-min=12.5km az=67.0

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

IDC 28 10:23:42.8:0.6,2.32N:108.12681E:0.08,h53km,n42, r123/37,mb4.3/18,MS2.9/3,2C-20,Northern Molucca Sea

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

IDC 28 10:23:42.8:0.6,2.32N:108.12681E:0.08,h53km,n42, r123/37,mb4.3/18,MS2.9/3,2C-20,Northern Molucca Sea

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

ISK 28 10:30:01.7,35.89N:32.51E,h6km,ML3.1/25 AFAD 28 10:30:03.7,35.96N:32.61E,h6km,1km,ML2.1

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

Table with columns: comp=N,549nm,0.5s, GAZI, Gazipasa, 0.41 351 Pg, AML, Pn, 10 30 09.9 +0.8

IDC 28 10:46:34.7:0.2,70.41S:67.94E,h0km,mb4.2/15, mbtmp4.2/15,MS4.1/7,Error ellipse: s-maj=21.4km s-min=19.2km az=58.0

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

NEIC 28 10:46:36.7:0.9,20.04S:0.05:67.9E:0.1,h10km,1km, mb4.7/12,Error ellipse: s-maj=16.6km s-min=8.3km az=83.0

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

GCMT 28 10:46:37.0:3,20.38S:0.02:67.90E:0.02,h12km,2km, MW4.9/95,Moment tensor: s13,c15; s95,c123; Duration: 0 Moment tensor: Scale: 0.15Nm; Mw=0.44; 10; Mw=2.29; 13; Mw=1.87; 09; Mw=0.76; 28; Mw=0.74; 09; Mw=0.88; 28; Best double couple: Mw=2.50100*1016 NP1=235.00000*0.861000000*1-175.000000*0. NP2=143.000000*0.886000000*1-29.000000*0. Principal axes: T 2.6880,Plg17.00000,Azm193.00000,N -0.3690,Plg61.00000,Azm315.00000,P -2.3140,Plg23.00000,Azm95.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

ISC 28 10:46:37.1:0.6,20.45S:0.1:67.90E:0.08,h15km,n83, r672/33,mb4.4/19,MS4.2/47,Mid-Indian Ridge

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

ISC 28 10:30:01.7,35.89N:32.51E,h6km,ML3.1/25 AFAD 28 10:30:03.7,35.96N:32.61E,h6km,1km,ML2.1

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

28d 12h

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, Code, Station Name, Az, Phase, ID, ISC, Time, Res. Includes stations like BEKR, BRTR, BRTR, KVN, NVAR, PDAR, PDAR, PV14, TXAR.

IDC 28 12:46:07.2-0.6,33.79N;104.47E,h0km,mb4.2/19, m1bpm4,1/24,ML4,2/5,MS3,4/7,Error ellipse: s-maj=18.9km s-min=11.7km az=64.0...

Main table for 28d 12h section, listing station codes (e.g., LZDM, LZHM, LZHZ, LZHZ, CD2, CD2, CD2, CD2, XAN, XAN, XAN, XAN, ENH, ENH, LYN, LYN, LYN, LYN, BTO2, BTO2, BTO2, BTO2, GOMU, GOMU, GOMU, CNSH, CNSH, BJT, BJT, BJT, BJT, CRAI, CRAI, SONM, ULN, ULN, ULN, QIZ, QIZ, QIZ, CHTO, CHTO, CHTO, CHTO, CM31, CMAR, CMAR, CMAR, WMQ, WMQ, WMQ, KNGR, KNGR, TLY, HILR, KSR5, KSR5, KSR5, KSR5) and their corresponding data.

2020 DEC

Main table for 2020 DEC section, listing station codes (e.g., DGZ, DGZ, BNX, BNX, MK31, MKAR, MKAR, WUSU, WUSU, WUSU, MAKZ, MAKZ, MAKZ, MAKZ, PDGK, PDGK, PDGK, PDGK, PRZ, PRZ, TARG, TARG, TARG, TARG, KDJ, KDJ, KDJ, KDJ, ASAI, ASAI, HEH, HEH, USRK, USRK, USRK, USRK, ZALV, ZALV, ZALV, ZALV, KURBB, KURBB, KURBB, KURBB, KURK, KURK, KURK, KURK, KLR, KLR, JGF, JGF, MJAR, MJAR, KKAR, KKAR, KKAR, KKAR, BORK, BORK, BORK, BORK, ASAJ, ASAJ, JKA, JKA, YAK, YAK, YAK, YAK, AB31, AB31, AB31, AB31, ARTI, ARTI, ARTI, ARTI, MA2, MA2, TIXI, TIXI, TIXI, TIXI, TIXI, TIXI, TIXI, TIXI, PETK, PETK, PETK, PETK, BILL, BILL, BILL, BILL, OBN, OBN, OBN, OBN, KNRA, KNRA, KNRA, KNRA, FINES, FINES, FINES, FINES)

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Main table for 1384 section, listing station codes (e.g., FINES, FINES, FINES, FINES, BRTR, BRTR, BRTR, BRTR, SPITS, SPITS, SPITS, SPITS, RDOC, RDOC, RDOC, RDOC, WBO, WBO, WBO, WBO, WRAB, WRAB, WRAB, WRAB, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, G16K, G16K, G16K, G16K, HFS, HFS, HFS, HFS, HFS, HFS, HFS, HFS, NC602, NC602, NC602, NC602, NOA, NOA, NOA, NOA, NC204, NC204, NC204, NC204, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, D23K, D23K, D23K, D23K, E24K, E24K, E24K, E24K, GERES, GERES, GERES, GERES, GERES, GERES, GERES, GERES, PPLA, PPLA, PPLA, PPLA, COLA, COLA, COLA, COLA, COLA, COLA, COLA, COLA, ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, INK, INK, INK, INK, INK, INK, INK, INK, F31M, F31M, F31M, F31M, BCAR, BCAR, BCAR, BCAR, EMRIK, EMRIK, EMRIK, EMRIK, DAWY, DAWY, DAWY, DAWY, RES, RES, RES, RES, RES, RES, RES, RES, C36M, C36M, C36M, C36M, HYT, HYT, HYT, HYT, O30N, O30N, O30N, O30N, STKA, STKA, STKA, STKA, STKA, STKA, STKA, STKA, WHY, WHY, WHY, WHY, WHY, WHY, WHY, WHY, YKAW, YKAW, YKAW, YKAW, YKAW, YKAW, YKAW, YKAW)

SJA 28 12:57:05.7±0.8, 39°35S:75°00W, h13km, 3km, ML3.5, MV4.0

DC 28 12:57:08.2±1.0, 39°37S:75°18W, h0km, mb3.8/4, mbmp3.7/7, ML3.7/3, MS3.3/3, Error ellipse: s-maj=23.8km

GUC 28 12:57:09.1±0.6, 39°37S:75°10W, h35km, 6km, ML3.6, Presumed earthquake

ISC 28 12:57:08.8±0.8, 39°2C:05:74.94W±0.05, h10km, n38, r1532/47, mb3.9/4.2, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Corral, Isla Mocha, Panguipulli, Currehue, etc.

KRSC 28 13:00:00.3±1.7, 50°36N:157°21E, h49km, 23km, MI3.9, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SKR Severo-Kuril's, PAU Pauzhetka, etc.

GUC 28 13:03:12.4±0.8, 39°39S:75°05W, h14km, 10km, ML3.5, Presumed earthquake

NEIC 28 13:03:13.1±0.4, 39°16S:0°04:74.81W±0.07, h10km, 2km, mb4.4/3, Error ellipse: s-maj=10.3km s-min=5.6km az=291.0

ISC 28 13:03:12.1±1.2, 39°28S:0°06:74.85W±0.08, h10km, n25, r1534/33, 1C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Isla Mocha, Currehue, Panguipulli, etc.

ISC 28 13:36:31.9±0.5, 39°30S:75°18W, h0km, mb3.5/1, mbmp3.3/2, ML3.3/1, MS3.0/2, Error ellipse: s-maj=208.0km s-min=20.1km az=34.0

GUC 28 13:36:34.3±0.8, 39°45S:75°00W, h23km, 8km, ML3.3, Presumed earthquake

ISC 28 13:36:32.7±1.3, 39°39S:0°07:75.09W±0.08, h10km, n20, r1541/21, 2C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Isla Mocha, Currehue, Panguipulli, etc.

ISC 28 13:43:26.7±0.8, 13°70N:120°76E, h122km, 8km, mb3.9/22, mbmp4.3/23, MS2.8/2, Error ellipse: s-maj=17.9km s-min=11.3km az=67.0

MAN 28 13:43:26.0, 13°75N:120°50E, h92km, MS4.2

Bull 28 13:43:29.6, 13°76N:120°61E, h151km, mb4.9/1, mb4.7/43

GFZ 28 13:43:31.5±0.4, 14°N±2×12°E, h158km, 4km, M4.4/32, mb4.4/32, Error ellipse: s-maj=8.4km s-min=4.9km

NEIC 28 13:43:32.8±1.2, 13°99N:0°09:120°7E±0.1, h154km, 8km, mb4.5/45, Error ellipse: s-maj=16.2km s-min=11.6km az=123.0

ISC 28 13:43:27.6±0.3, 13°77N:0°04:120°61E±0.05, h120km, n155, r135/165, mb4.5/7.5, 1C-2D, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Puerto Galera, Tagaytay City, etc.

Main table with columns: SZP, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Santa Brgy, Tapao, Puerto Princes, etc.

28d 14h

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, etc. Includes stations like MAKZ Makanchi, PRZ Przhival'sk, TARG Taragay, etc.

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THE 28 14:02:41.1, 38°N, 2°27'E, h5km, 4km, M2.6/4, ML2.6/4
ISC 28 14:02:41.3, 0.8, 37.82N, 0.02, 26.97E, 0.02, h11km, 6km,
n64, c078/102, Dodecanese Islands

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, etc. Includes stations like SMG Samos, GCAM G?zelcam!, etc.

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Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, etc. Includes stations like MANT comp=N,34nm,0.3s, SULTU Sultana, etc.

IDC 28 14:09:38.0, 1.1, 37°32'N, 120°30'E, h0km, mb3.5/7,
mb1mp3.5/7, Error ellipse: s-maj=43.5km s-min=20.5km
az=63.0
MAN 28 14:09:44.0, 18°51'N, 120°64'E, h22km, MS3.4
ISC 28 14:09:42.3, 0.8, 18°52'N, 0.07, 120°55'E, 0.08, h10km, 112,
c1953/11, mb3.4/6, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, etc. Includes stations like SIPP Brgy, Tacap, PACPP Pamplona, etc.

ISK 28 14:02:39.9, 37°80'N, 26°94'E, h2km, ML2.7/30
AFAD 28 14:02:40.9, 37°83'N, 26°97'E, h7km, 2km, ML2.5

Table with columns: MWZ, WHRZ, RIGZ, RAGZ, URZ, etc. Includes station names like Whale Island, Rimuhau, Rawiri, Urewera, etc. with associated coordinates and magnitudes.

Table with columns: NOR, DAG, DAG, DBG, DBG, DBG, etc. Includes station names like Nord, Danmarks Havn, Daneborg, etc. with associated coordinates and magnitudes.

Table with columns: CBX, CBX, CBX, etc. Includes station names like Cerro Bola, Tijuana, Tijuana, etc. with associated coordinates and magnitudes.

NNC 28 14:14:46.16.3, 36.55N-70.15E, h0km, mb3.8, mpv3.6, 3C. Error ellipse: s-maj=53.7km s-min=42.3km az=150.0, Hindu Kush region

ECX 28 14:34:52.0.5, 32.42N-115.19W, h14km, 1km, MD3.4, NEIC 28 14:34:52.8.2.0, 32.43N-115.16W, 0.03, h29km, 10km, ML3.2/36, ML3.4/37(PAS), Error ellipse: s-maj=4.4km s-min=2.9km az=203.0, MEX 28 14:34:53.9.0.4, 32.46N-115.10W, h18km, 1km, MD4.0, Presumed earthquake, PAS 28 14:34:53.6.2.3, 32.44N-115.17W, 0.03, h28km, 8km, Error ellipse: s-maj=4.2km s-min=3.4km az=66.0, ISC 28 14:34:52.7.0.9, 32.42N-115.16W, 0.02, h24km, 4km, n72, c068/106.9C-BZ, California-Baja California border region

NNC 28 14:45:15.5.4.7, 37.22N-70.85E, h58km, 218km, mb4.2, mpv4.2, Error ellipse: s-maj=38.2km s-min=32.6km az=46.0, BUJ 28 14:45:17.7.37, 28N-71.40E, h101km, mb4.6/11, mb4.6/17, NEIC 28 14:45:19.4.1.1, 37.28N-0.06, 71.41E, 0.06, h101km, 7km, mb4.9/37, Error ellipse: s-maj=9.1km s-min=6.7km az=164.0, IDC 28 14:45:19.3.3.2, 37.22N-71.42E, h106km, 28km, mb3.5/15, mbmp4.0/19, MS3.2/2, Error ellipse: s-maj=22.4km s-min=12.9km az=11.0, GFZ 28 14:45:20.5.0.2, 37.1N-3.7E, h102km, M4.5/22, mb4.4/22, confirmed, ISC 28 14:45:18.7.0.4, 37.14N-0.04, 71.47E, 0.04, h106km, 167, c218/175, mb4.3/45, 3C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like Kararay Array, AAK, AAK, AB31.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like MBIG, MBIG, CTXL, CTXL, CPBX, CPBX, CPBX, etc.

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

IDC 28 14:14:33.4.2.4, 2.95S-100.78E, h0km, mb3.7/7, mbmp3.7/7, Error ellipse: s-maj=107.2km s-min=19.8km az=56.0, DJA 28 14:14:59.3.0.5, 2.5S-102.2E, h182km, 5km, M4.1/18, mb5.5/1, mb5.2/1, MLV3.6/18, Mw(mb)4.9/1, ISC 28 14:14:59.0.0.8, 2.25S-101.91E, 0.02, h200km, 1n18, c072/16, mb3.5/6, Southern Sumatra region

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

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like KSH2, KSH2, KSH2, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like MASI, MASI, UBSI, UBSI, KSI, KSI, etc.

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

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like SRNI, SRNI, ARSB, ARSB, etc.

NAO 28 14:15:35.8.0.5, 78.76N-4.76E, h15km, ML3.4, DNK 28 14:15:37.8.1.2, 78.77N-4.88E, h36km, 10km, ML1.7, Presumed earthquake, BER 28 14:15:38.3.1.9, 78.79N-4.69E, h25km, 19km, Mw3.5, ML3.4/(NAO), Confirmed Earthquake, FCJAR 28 14:15:40.0.78, 79N-6.03E, h10km, station OMEGA has station magnitude of 3.00, ISC 28 14:15:33.7.1.6, 78.73N-0.07, 4.62E, 0.04, h17km, 12km, n21, c206/41, 1C, Greenland Sea

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

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like ESJX, ESJX, SLVP, SLVP, CRR, CRR, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like FRU1, FRU1, DHRM, DHRM, etc.

28d 15h

Table with columns: SMLA, eS, Smla, SMLA, comp=N, 174nm, 0.3s, HRA Herat, KKKK, UTK UTARRKASHI, etc. Lists various astronomical objects and their parameters.

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Table with columns: NC405, NB201 NORARS Array S, GUMA, NOARS Subarra, etc. Lists various astronomical objects and their parameters.

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Table with columns: SPU, SPU Mount Spurr, K20K, K20K, etc. Lists various astronomical objects and their parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Gilahina Butte, Roundabout Mou, Porcupine Dome, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, Aguas Calientes, Yucatan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Borovoye Array, Warramunga Arr, Alice Springs, etc.

28d 16h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like H03S3, BO04, MT09, COYC, VA04, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BOSA, T40M, T25A, B0RC, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JFFD, JFFD, JFFD, JFFD, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ARTI WBO, WRB, WRA, C36M, AB31, AKAR, ASAR, YKA, ARCES, KULLO, FINES, KBZ, NOA, AKASG, BW06, PDAR, BURAR, TESR, RAYN, GERES, 833A, LPAZ, and LPAZ.

SJA 28 16:23:55.8, 0.6, 21.165:69.05W, h127km, 3km, M/L3.7, MW3.7

GUC 28 16:23:58.0, 0.6, 21.165:68.97W, h111km, 3km, M/L3.8, Presumed earthquake

IDC 28 16:24:27.1, 1.6, 18.105:67.57W, h285km, 14km, mb3.0/3, mbmp3.8/5, Error ellipse: s-maj=37.5km s-min=24.4km az=13.0

ISC 28 16:23:57.2, 0.8, 21.175:69.01W, 0.07, h117km, 7km, n32, c0984/55, 1C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PB01, PB01, PB01, PB09, PB09, PB09, PB02, PB02, PB02, PB07, PB07, PB07, PB08, PB08, PB08, PB03, PB03, PB03, TA01, TA01, TA01, TA01, TA01, TA02, TA02, TA02, GO01, GO01, GO01, GO01, GO01, PB11, PB11, PB11, PB06, PB06, PB06, PS6CX, PS6CX, PS6CX, PB05, PB05, PB05.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PB10, PB10, PB12, PB12, LPAZ, LPAZ, SIV, BDFB, GSPA, TORD, YKA, and MKAR.

IDC 28 16:36:44.8, 4.8, 5.95S:102.83E, h0km, mb3.4/5, mbmp3.4/5, Error ellipse: s-maj=237.5km s-min=25.5km az=54.0, Southern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMAR, ASAR, MKAR, KURBB, ZALV, and UPA.

UPA 28 17:12:20.5, 2.6, 6.73N:84.36W, h10km, 999km, MW3.8, Presumed earthquake

UCR 28 17:12:22.9, 1.3, 10.35N:84.81W, h75km, 2km, MW4.2, Presumed earthquake

CATAC 28 17:12:23.6, 0.2, 10.1N:84.81W, h59km, 3km, M4.2/28, M/L4.2/28, Error ellipse: s-maj=4.3km s-min=2.0km

ISC 28 17:12:23.5, 1.2, 10.31N:84.81W, 0.02, h75km, 4km, n154, c0960/266, 35C-34D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MTEVE, MTEVE, JTS, JTS, CASO, CASO, JUNT, JUNT, CHIK, CHIK, ARE1, ARE1, VARE2, VARE2, TABAC, TABAC, SOCE, SOCE, CEDE, CEDE, VACR, VACR, TUNA, TUNA, REZ, REZ, COTE, COTE, QUEB, QUEB, ENAS, ENAS, ROBF, ROBF, TIMP, TIMP, ARZA, ARZA, QUEU, QUEU, SRA1, SRA1, TENO, TENO, ZARE, ZARE, VPL1, VPL1, PALD, PALD, NARAN, NARAN, CUI, CUI, BAGA, BAGA, VPL3, VPL3, PAQE, PAQE, SARCI, SARCI, LAFE, LAFE, COLC, COLC, PLVR, PLVR, TRB2, TRB2, TRB2, TRB2, HORNC, HORNC, GREC, GREC, ITAL, ITAL, MESS, MESS, TCS1, TCS1, TCS1, TCS1, CANAL, CANAL, COVE, COVE, VPSB, VPSB, VMAR, VMAR, ARTO, ARTO, ARTO, ARTO, CLARA, CLARA, UPAL, UPAL, UELA, UELA, CMARA, CMARA, CMARA, CMARA.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMARA, PURI, PURI, CAOZ, CAOZ, GPSB, GPSB, GSP2, GSP2, BELE, BELE, BELE, BELE, GSP3, GSP3, VRLE, VRLE, VRLE, VRLE, LCHI, LCHI, VBVI, VBVI, VBVI, VBVI, HEME, HEME, HEME, HEME, DELF, DELF, HDC, HDC, HDC, HDC, BUAI, BUAI, BUAI, BUAI, LAPC, LAPC, SACU, SACU, SACU, SACU, PEJA, PEJA, ALBA, ALBA, PAVB, PAVB, PAVB, PAVB, DOMI, DOMI, INDI, INDI, INDI, INDI, ACOS, ACOS, LUPE, LUPE, LUPE, LUPE, SJS, SJS, SJS, SJS, SJS, SJS, CORON, CORON, CVIMO, CVIMO, PICV, PICV, PICV, PICV, ABE2, ABE2, ABE2, ABE2, LCR2, LCR2, LCR2, LCR2, TAGO, TAGO, VICA, VICA, VICA, VICA, PITB, PITB, PILE, PILE, PILE, PILE, RAZU, RAZU, CVTO, CVTO, CVTO, CVTO, CVTR, CVTR, CVTR, CVTR, QUEP, QUEP, QUEP, QUEP, PIEC, PIEC, PIEC, PIEC, TRT2, TRT2, TRT2, TRT2, CVTV, CVTV, CVTV, CVTV, LCRUZ, LCRUZ, CARN, CARN, CARN, CARN, VTCV, VTCV, VTCV, VTCV, ABRB, ABRB, ABRB, ABRB, TURIB, TURIB, TURIB, TURIB, EGUB, EGUB, EGUB, EGUB, RVLV, RVLV, CONN, CONN, MASN, MASN, VERH, VERH, VERH, VERH, OCHAL, OCHAL, OCHAL, OCHAL, EDPE, EDPE, ACON, ACON, ACON, ACON, LAES, LAES, LAES, LAES, BURE, BURE, DRKO, DRKO, NADN, NADN, NADN, NADN, FIMO, FIMO, BLUN, BLUN, BLUN, BLUN, NANN, NANN, NANN, NANN, MASN, MASN, MAS3, MAS3, BOAB, BOAB, BOAB, BOAB, UNAN, UNAN, UNAN, UNAN, MGAN, MGAN, MGAN, MGAN, TISN, TISN, FITO, FITO, FITO, FITO, PIRO, PIRO, PIRO, PIRO, PIRO, PIRO, APQ2, APQ2, APQ2, APQ2, NELY, NELY, SCIRA, SCIRA, SCIRA, SCIRA, CDITO, CDITO, CDITO, CDITO, BRU2, BRU2, BRU2, BRU2, CLLRA, CLLRA, CLLRA, CLLRA, LEVN, LEVN, LEVN, LEVN, MOM3, MOM3, BOTLY, BOTLY, BOTLY, BOTLY.

28d 17h

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CNGA, AI SSO, CROCN, RONG, ROTA, RBCN, RALBA, BGUAL, BKNTU, KAKINT.

ISK 28 17:22:37.9, 39:52N:23:90E, h22km, ML3.5/19
SOF 28 17:22:39.6, 39:61N:0:02:24:20E:0:02, h20km, 9km,
ATH 28 17:22:40.6, 39:56N:24:17E, h13km, ML3.4/46, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km
THE 28 17:22:40.3, 39:6N:0:8:24:2E:1.0, h9km, 1km, M3.2/30, MLh3.2/30
TIR 28 17:22:40.5, 39:36N:23:97E, h6km, 3km, ML3.4, 4, ML3.4, Presumed earthquake
AFAD 28 17:22:41.3, 39:76N:24:23E, h9km, 7km, ML3.1
ISC 28 17:22:40.4, 0.9, 39:58N:0:01:24:16E:0:01, h13km, 8km, n145, e080/222, 10C-2D, Aegean Sea

Main table for 28d 17h section, listing stations like AOS, AOS2, PAIG, PAIG2, EFSF, EFSF2, LMN1, LMN11, SKY, SKY2, OUR, OUR2, NEOKH, NEOKH1, LIA, LIA1, KYMI, KYMI1, VOL2, VOL22, PLG, PLG2, THAS, THAS1, LKR, LKR1, HORT, HORT1, GINA, GINA1, LIT, LIT1, THE, THE1, GADA, GADA1, BOZC, BOZC1, BOZC2, BOZC3, STFN, STFN1, OREA, OREA1, LAM2, LAM21, DION, DION1, XANC, XANC1, KOCA, KOCA1, ACHAR, ACHAR1, PTL, PTL1, KARY, KARY1.

2020 DEC

Main table for 2020 DEC section, listing stations like KARY, KARY1, DRAMA, SERRA, ATHENS-NEO PSI, ATHENS-ELEFSIN, SOFATES, ATHENS-PARLIAM, ATHENS-UNIVERS, ATHENS-OBSERVA, KLOKOTOS TRIKA, PARASKEVI, DELPHI, EZINE-KANAKKAL, VOULA, NEVROKOP, LOUTRAKI, CANAKKALEZ, EDIRNE, THALERO, EVRYTANIA, ALEXANDROUPOLI, AYVALIK, KOZANI, MUSOMISHTA, VALANDOVO, EPIDAVROS, LAPSEKI, ROZHEN, GOURA, TINOS, DIKILI, KALAVRYTA, KURDZHALI, EDREMIT, TETRAKOMO, BALIKESIR, CAN-ANAKKALE, PARAVOLA, PRAMD, AMPLEKAL, KRUPNIK, UZUNKOPRU-EDIR, PLEVONA-MESOL, DROSSIA, PRODROMOS, NESTORIO.

1392

Main table for 1392 section, listing stations like KARBIGA-CANAK, JANINA, ARAXOS, MERKEZ, PLOVDIV, DIMITROVGRAD, LEFKADA ISLAND, PANAGYURISHTE, OHRID, EDIRNE, VELSAMATA, PINARHISAR, MALO PESHTENE, BLAGODACHIK, DENIZLI-TAVAS, MUNTELE ROSU, PLOSTINA, VINCIOAIA, TURRIA, MECKERING SOUT, CORRIGIN, KELLERBERRIN, NARROGIN (SRO), KULIN HIGH SCH, KOORDA WESTER, CADOUX, BALLIDU, WATTONING WA, BEACON WESTER, ONGERUP WA, ROCKY GULLY, MORAWA, KAMBALDA, MEEKATHARRA, BALLADONIA, FORREST, KAMALDIA, MYSESHIPUNSKI, BERING, KRUTOBERGOGO, MYSEKUZLOVA, SEMKARAYA, BAIDARNAYA, KAZAY, MYSESHIPUNSKI, SEDLOVINA, SODILOVAYA, SOMMA, AVACHA, DALNY, ARIK, KORYAKA, ESSO, GANALY, KARYMUSHINSKIY, ASACHA.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BOLP Bolinao, PCPS Palayan City, TGY Tagaytay City, etc.

Table with columns: KIAA Kiato, LCHA Lechaina, ASTAK Astakos, AMPL Ampelaki, etc.

Table with columns: JAN Janina, MTHA Methoni, AOS2 Alonissos-2, KPRO Kipourio, etc.

IDC 28 18:08:56.1+1.4, 38:55N:21:84E, h0km, mb3.6/7, mbmp3.5/8, ML2.8/1, Error ellipse: s-maj=33.5km s-min=23.1km az=170.0

Table with columns: Ratzakli, Kefa, Nafplio, Nydri-Lefkada, etc.

Table with columns: ESK Eskdalemuir Ar, TOR Todi Ar, KUR Kurchatov Arra, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PYRG Pyrgos, DORIDA Dorida, TRIZ Trizonia, etc.

Table with columns: KYPSS Kipseli, ZAKIN Zakin, LEFKADA Lefkada island, ARTA Arta, etc.

IDC 28 18:15:44.8+0.9, 52:58N:168:37W, h0km, mb3.8/8, mbmp3.8/10, ML3.8/2, MS3.1/3, Error ellipse: s-maj=36.2km s-min=16.4km az=161.0

AEIC 28 18:15:49.4+1.6, 52:67N:168:23W, 0.06, h26km, 5km, 0.3m, 0.4s, Error ellipse: s-maj=7.9km s-min=3.3km az=145.0

NEIC 28 18:15:50.9+1.7, 52:74N:168:31W, 0.07, h38km, 8km, mb4.2/23, ML4.2/22, ML3.8(AEIC), Error ellipse: s-maj=9.2km s-min=4.1km az=149.0

IDC 28 18:15:49.6+1.6, 52:59N:168:26W, 0.05, h32km+11km, n106, r156/100, mb4.1/13, MS3.2/3, Fox Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NIKH Nikolski High, OKKH Okmok Mt. Tuli, OKCE Okmok Cone E, etc.

28d 19h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KOKTUK HILLS, KODIAK ISLAND, HOLITNA RIVER, etc.

Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

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Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

Code Station Name Az Az2 Phase ID Time Res ISC

2020 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND HY 30.21 153, WAKE ISLAND HY 30.22 153, etc.

NNC 28 19:01:59.34.6, 36.774N, 70.73E, h0km, mb3.8, mpv3.6. 3C. Error ellipse: s-maj=38.7km s-min=30.8km az=150.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KARATAY ARRAY, ALA-ARCHA, etc.

BUJ 28 19:23:18.7, 33:19N, 135:83E, h428km, mB5.1/27, mB5.3/76

MOS 28 19:23:19.3, 0.9, 33:13N, 135:83E, h435km, mb4.8/50, Error ellipse: s-maj=7.4km s-min=4.2km az=107.0

JMA 28 19:23:20.4, 0.2, 33:22N, 135:90E, h444km, mB5.1/27, mB5.3/76

NIED 28 19:23:20.4, 33:22N, 135:90E, h444km, mB5.1/27, mB5.3/76

GFZ 28 19:23:21.3, 33:12N, 135:82E, h436km, Mw4.9/48, Moment Tensor Solution, Moment tensor: Scale 10^16Nm

NEIC 28 19:23:21.6, 1.9, 33:19N, 135:79E, h428km, mB5.1/27, mB5.3/76

IDC 28 19:23:21.4, 0.4, 33:14N, 135:75E, h440km, 3km, mb4.1/37, mbmp4.9/45, Error ellipse: s-maj=7.1km s-min=4.8km az=72.0

GFZ 28 19:23:21.3, 0.1, 33:12N, 135:82E, h437km, Mw4.6/105, mb4.8/105, confirmed

ISC 28 19:23:20.7, 0.3, 33:15N, 135:83E, h435km, 3km, h435km:pp-P, n842, e104/827, mb4.7/262, 29C-49D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WAKAYAMAKUSHIM, MIEMIHAMA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TANABENAKAHECH, MINABE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TONANKAI O.B.S, AIOI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TONANKAI O.B.S, ISE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TONANKAI O.B.S, TSU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TONANKAI O.B.S, MONOBE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MIKI, ATSUMI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TONANKAI O.B.S, EIGENJI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ICHINOMIYACHIA, HAMAMATSU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAKEGAWASHINOH, INUYAMA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like INUYAMA, OBU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SAGARA, SAGARA, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YASAKA, YAMAGATITANIAI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MITSUNE, MITSUNE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OSHIMA 3, JIM2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JAOM, JISK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JOD2, JOD2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JHIK, TATEY, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JSGW, SAGAMIHARAWA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JOI, OKI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JHH, HAKUI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAJO, MATSUSHIRO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAJO, MATSUSHIRO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MJAR, MATSUSHIRO ARR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MJAR, MATSUSHIRO ARR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TOKYO, NICHINAKITAGO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TOKYO, NICHINAKITAGO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JNU, HEGIMISHITA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCCN, CHIBACHONAN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JAG, ASHIKAGA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JTA, TAMANA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BSO1, BOSO1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JSMT, SAMMUMATSUO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JYT, YASATO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JHG, HEGURA JIMA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JIHU, ITAKHORINOH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JSU, SUZUYAMA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JSU, SUZUYAMA, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like TJJN Taejon, KRSR Korea Array, KRSR Korea Array, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like BJT Baijiatao, KNMB Chin-men Tao, GRNR Gornyy, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KMI2 Kunming, PZH PanZhiHua, SLVN Son La, etc.

28d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MMRI, PMG, PMG, SOEI, SOEI, SOEI, etc.

2020 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRAB, WRAB, WRAB, WRA, WRA, WRA, etc.

1396

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like STKA, ARMA, ARMA, ARMA, ARMA, ARMA, etc.

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

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

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

JMA 28/20:30:51.9... S OFF KII PENINSULA
IDC 28/20:30:53.0... mb1p3.5/9, Error ellipse: s-maj=33.6km s-min=16.9km

ISC 28/20:30:52.3... mb3.0/6, Near south coast of western Honshu

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

IDC 28/20:34:09.8... mb3.8/4, Error ellipse: s-maj=86.7km s-min=52.6km

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

IDC 28/20:52:33.7... mb3.5/2, Error ellipse: s-maj=127.8km
MEX 28/20:53:05.0... Presumed earthquake

28d 21h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LUXUV, TGIG, CMIG, Matias Romero, Tuzandepet, PCIG, PCIG, PMUV, Sontecomapan, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ANWB, DHSZ, MAGL, MAGL, SKI, Saint Kitts, etc.

CATAC 28.21:37.11.8.0.2, 13°N 2.8'W, h10km, 1km, M2.9/13, MLV2.9/13, Error ellipse: s-maj=5.3km s-min=2.1km az=23.5, confirmed

SNET 28.21:37.14.4.1.1, 13°25'N 87°9'W, h5km, ML3.2, Presumed earthquake

ISC 28.21:37.12.4.0.9, 13°13'N 0°04'87.93'W, h18km, 5km, n21, c086/37, Honduras

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like INTIP, INTIP, Conchagua, CNCH, etc.

2020 DEC

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LIMN, RCON, RCON, San Juan de Ri, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BRU2, PIRO, PIRO, Carate, Puerto, etc.

1401

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SUMG Summit, A36M Sachs Harbour, INK Inuvik, etc.

Summary text for station 1401: IDC 28-21:50:11.21.3, 4.54S, 153.16E, h0km, mb3.9/6, mbmp4.0/6, MS2.8, Error ellipse: s-maj=36.2km s-min=28.4km az=69.0

Summary text for station 1402: NEIC 28-21:50:20.3, 1.9, 4.69S, 0.08, 153.21E, 0.09, h60km, 6km, mb4.2/13, Error ellipse: s-maj=13.9km s-min=10.2km az=52.0

Summary text for station 1403: IDC 28-21:50:18.7, 0.7, 4.84S, 0.08, 153.24E, 0.10, h50km, n31, r1942/27, mb4.2/12, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

Summary text for station 1404: SJA 28-21:59:48.2, 0.6, 28.65S, 72.03W, h15km, ML3.8, MW3.7, GUC 28-21:59:52.9, 0.9, 28.70S, 71.35W, h27km, 6km, ML3.6, Presumed earthquake

Summary text for station 1405: IDC 28-21:59:50.8, 1.5, 28.64S, 0.03, 71.63W, 0.07, h31km, 14km, n21, r197/36, 4C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for AC04 Llanos de Chal, AC05 El Transito, AC06 Mina Casimiro, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CO03 El Pedregal, AR0D Rodeo, AC01 Pan de Azucar, etc.

Summary text for station 2020 DEC: NEIC 28-22:14:35.2, 1.2, 18.27N, 0.06, 67.61W, 0.05, h146km, 5km, ML2.7/39, Md3.5/15(RSPR), Error ellipse: s-maj=9.1km s-min=7.0km az=177.0, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for IDE Isla Desecheo, PRSN Puerto Rico Se, AGPR Aguadilla, PR, etc.

Summary text for station 2020 DEC: MEX 28-22:23:06.8, 1.0, 13.51N, 92.31W, h15km, MD4.2, Presumed earthquake

Summary text for station 2020 DEC: GCG 28-22:23:11.1, 1.1, 13.83N, 91.93W, h24km, 6km, MD4.5, Presumed earthquake

Summary text for station 2020 DEC: IDC 28-22:23:15.5, 3.7, 13.78N, 91.88W, h81km, 31km, mb3.3/4, mbmp3.6/6, Error ellipse: s-maj=34.4km s-min=29.2km

Summary text for station 2020 DEC: IDC 28-22:23:04.2, 1.9, 13.68N, 0.06, 92.06W, 0.04, h11km, 12km, n32, r230/49, mb3.7/4, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for RTAL Retalhuleu, STG8 El Palmar, Qui, THIG Union Juarez, etc.

28d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for JTS Las Juntas de, TXAR Lajitas Arr, NVAR Mina Array Bea, etc.

Summary text for station 28d 22h: IDC 28-22:24:43.9, 2.7, 24.18S, 179.54E, h573km, 36km, mb3.2/5, mbmp4.2/7, Error ellipse: s-maj=58.6km s-min=21.8km az=176.0

Summary text for station 28d 22h: NEIC 28-22:46:5.0, 7.2, 74.7S, 0.1, 179.6E, 0.2, h609km, 6km, mb4.2/16, Error ellipse: s-maj=21.2km s-min=20.2km az=180.0

Summary text for station 28d 22h: ISC 28-22:44:45.3, 0.8, 24.5S, 0.1, 179.5E, 0.1, h600km, n32, r105/32, mb4.0/12, SZZ, Phage Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for RAO Raoul Island, PINN Pines Island, DZM Mont Dzumac, etc.

Summary text for station 28d 22h: NEIC 28-22:45:14.2, 1.9, 13.82N, 0.05, 92.05W, 0.08, h10km, 1km, mb4.4/13, Error ellipse: s-maj=14.7km s-min=7.6km az=114.0

Summary text for station 28d 22h: GCG 28-22:45:14.6, 1.8, 13.73N, 92.02W, h14km, 16km, MD4.8, Presumed earthquake

Summary text for station 28d 22h: CATAC 28-22:45:15.1, 0.6, 14.1N, 91.5W, h26km, 6km, M4.6/19, ML4.6/19, Error ellipse: s-maj=9.6km s-min=4.1km az=49.7, confirmed

Summary text for station 28d 22h: IDC 28-22:45:25.6, 2.4, 14.27N, 91.51W, h100km, 17km, mb3.8/8, mbmp4.1/10, MS3.3/9, Error ellipse: s-maj=36.6km s-min=23.2km az=37.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for RTAL Retalhuleu, STG8 El Palmar, Qui, THIG Union Juarez, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CRIN San Cristobal, BOAB BOACO BROADBANK, SIUN Universidad Ur, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like C09A IAMB IAMB, FFC Fin Flon, SHUK Shuksan-Mt. Ba, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WRA Warramunga Arr, WRS Warramunga Arr, ASAR Alice Springs, etc.

ADC 28 22:55:27.8; 0.9, 36.44N; 26.83E, h114km, 12km, mb3.77, mbmp4.0/12, Error ellipse: s-maj=18.5km s-min=10.8km az=146.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other technical details. Includes stations like ASTA Astypaleia, Yazyky, Data, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like Yerkesik, Samos, Siteia, Karlovasi Samo Dalvani (Muia), Heraklion, Anoyia, Balcova, Kastellorizon, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like CSS Keskin Array S, BR105 Keskin Array S, BR106 Keskin Array S, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like TORO Torodi Ar. Bea, DBIC Dimboko, DBIC Dimboko, etc.

DJA 23:17:21.5:2.7,2.5:6.137E, h19km,27km, M3.9/9, mb4.0/3, MLv3.8/9, Mw/Mwp4.8/1, Mwps5.1/1, Irian Jaya

UCR 23:23:00.0:1.4, 11.49N:85.79W, h200km,6km, MW3.5, Presumed earthquake

CATAC 23:23:02.8:0.4, 12°N,3°8'6"W, h163km,3km, M3.1/23, MLv3.1/23, Error ellipse: s-maj=11.0km s-min=3.2km az=50.6, confirmed

ISC 23:22:59.9:2.1, 11.61N,0.07:85.86W:0.09, h191km,13km, m5.1, o190374.4C, Nicaragua

Table with columns: Code, Station Name, RA, Dec, Mag, Type, and other parameters. Includes entries like CONN Concepcion, CONN Nandasmo, CONN Sapanita, etc.

BUI 23:34:04.0, 6:35S:155:04E, h27km, mB5.18, mb4.8/5.1, Ms4.7/9, Ms7.4/5/13, MOS 23:34:05.2:0.9, 6:51S:154:87E, h36km, mb4.8/23, Error ellipse: s-maj=9.4km s-min=8.3km az=95.1

28d 23h

GCMT 28 23:34:12.0.0.2, 6.66S:0.01:154.54E:0.01, h28km, MW2.5/112 Moment Tensor Solution. s98,c135, 11.21c172; Duration: 1s0 Moment tensor: Scale 1017 Nm; Mn:0.64±.02; M0:0.38±.01; M1:0.26±.01; M2:0.43±.02; M3:0.38±.01; M4:0.31±.02; Best double couple: Mo:0.85900x1017 NP1:3314.00000°, 826.00000°, 797.00000°. NP2:127.00000°, 864.00000°, 787.00000°. Principal axes: T 0.8280, P1g71.0000°, Azm30.0000°; N 0.0620, P1g3.0000°, Azm128.0000°; P -0.8900, P1g19.0000°, Azm219.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rank function

DJA 28 23:34:16.5.1.0, 7.56°S, 155.5°E, h125km, 12km, M4, 6/18, mb4.7/18, mb5.5/5, MLV4.5/1, Mw(MB)5.0/5, MwMwp4.5/3, Mwp4.9/3

ISC 28 23:34:06.0.0.4, 6.52S:0.04:154.90E:0.04, h26km, 2km, h26km; pP-P, n302, c1555/294, mb4.8/106, MS4.3/47, 10C-11D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, etc.

2020 DEC

Table with columns: KNRA, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Kununurra, STKA Stephens Creek, WAKE Wake Island, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like BJ12, KLR Kul'dur, XAN Xi'an, etc.

Table of astronomical observations for 2020 DEC, including stations like IMAR, F20K, D19K, COLA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2020 DEC, including stations like TPNV, NEW, ELK, LCMT, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2020 DEC, including stations like SJG, SJD, SJK, etc., with columns for station name, coordinates, and observation details.

NIED 28:23:40.10, 6.2481N, 121.98E, h70km, MW3.8, Moment Tensor Solution, s2 Moment tensor: Scale 10^14 Nm...

JMA 28:23:40.10, 6.2481N, 121.98E, h62km, ML4.4, B Fault plane solution: Ms=6.3000, Mw=3.71, Mw=1.14...

TAP 28:23:40.11, 2.454N, 122.96E, h62km, ML4.4, B ISC 28:23:40.11, 2.454N, 122.96E, h62km, ML4.4, B

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

Table of station names and observation details for stations like ESao, ESuo, ESua, etc., with columns for station name, coordinates, and observation details.

NEIC 28:23:38.11, 3.15, 17.87N, 102.66, 81W, 0.01, h10km, 1km, ML3.5/43, M3.4/24(RSPR), Error ellipse: s-maj=4.4km...

SDD 28:23:38.13, 1.2, 17.96N, 66.82W, h0km, 5km, MD2.2, ML2.9, Presumed earthquake

ISC 28:23:38.11, 7.1, 1.0, 17.96N, 0.04, 66.82W, 0.02, h19km, 2km, n35, c94252, Puerto Rico region

Table of station names and observation details for stations like MLPR, MLCR, MLPR, etc., with columns for station name, coordinates, and observation details.

Table listing astronomical observations for 29d 0h. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, and h m s ISC. Observations are listed for various stations like National Centr, Yonagunijimaku, Shoufeng, Shilin, Emei, etc.

Table listing astronomical observations for 2020 DEC. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, and h m s ISC. Observations are listed for stations like MASHB Mashibuluo, VVUC VVUC, EAST Anshuo, etc.

NEIC 29:00:00:38.8, 1.4, 18:82N, 0:09:145.5E, 0.2, h272km, 8km, mb4, 2/26, Error ellipse: s-maj=20.6km s-min=13.3km az=86.0

IDC 29:00:00:41.1, 5.8, 18:79N, 145:37E, h307km, 58km, mb3, 4/15, mbmp4, 7/16, Error ellipse: s-maj=24.0km s-min=12.5km az=82.0

ISC 29:00:00:36.3, 0.5, 18:36N, 0:07:145.5E, 0.1, h250km, n49, s106/49, mb4.0/27, Mariana Islands

Table listing astronomical observations for 2020 DEC. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, and h m s ISC. Observations are listed for stations like Guam, Pohnpei, Kunigami, etc.

mb4, 3/15, Error ellipse: s-maj=34.9km s-min=15.1km az=91.0

ISC 29:00:04:49.2, 0.7, 6:21N, 0:08:134.0E, 0.2, h35km, n47, s120/37, mb4.1/22, MS3.2/5, Western Caroline Islands

Table listing astronomical observations for 2020 DEC. Columns include Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, and h m s ISC. Observations are listed for stations like Sorong, Davao City, Jayapura, etc.

VIE 29:00:19:01.7, 0.5, 45:43N, 16:21E, h10km, mb2, 7/12, ml2, 5/22, Error ellipse: s-maj=4.2km s-min=2.5km az=169.0

KRSZO 29:00:19:01.2, 1.5, 45:38N, 16:22E, h4km, 18km, ML3.1/13, Error ellipse: s-maj=12.7km s-min=7.0km az=51.0

RHSSO 29:00:19:01.4, 1.0, 45:37N, 16:16E, h7km, 3km, ML2, 8/5, BEO 29:00:19:01.7, 0.3, 45:53N, 16:31E, h2km, 3km, ML2, 8/9

PRU 29:00:19:05.0, 4.5, 64N, 16:29E, h10km, ISC 29:00:19:01.4, 1.0, 45:42N, 0:01:16:23E, 0.1, h8km, 9km, n97, s114/174, 3C-3D, Northwestern Balkan Peninsula

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes stations like GOLSE, KALNIK, LOBOR, LEGARJE, DOBRINA, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes stations like BIAO, ABTA, DIVS, AVAS, LESA, ABNA, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes stations like KIF, PAJU, PAJALA, HETTA, etc.

Table with columns: Call sign, Operator, Mode, Freq, Power, Az, El, etc. Includes entries for Ulyunshan, Chara, Suvo, Chita, Maximikha, Yuktalii, Ongureny, Tyrgan, and Chul'man.

Table with columns: Call sign, Operator, Mode, Freq, Power, Az, El, etc. Includes entries for Khuramsha, Bolshoye Golou, Khapcheranga, Listvyanka, Talaya, Zakamensk, and Yakutsk.

Table with columns: Call sign, Operator, Mode, Freq, Power, Az, El, etc. Includes entries for Yakutsk, Khungur, XilinHoTe, Kul'dur, Bin'xian, Gornyy, Baotou, Beijing, and Zalesovo.

29d Oh

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NC405, NB2, NOA, NC602, etc.

2020 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like RONA, MORH, CONA, CKRC, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like JRO, MXC, D08A, WAH2, etc.

29d Oh

Table with columns: FITZ, comp-Z, 81nm, 0.6s, baz=179, slow=20, SNR=9.1, LR, LR, 00 44 24.0. Includes rows for FITZ, PCI, KNRA, UGM, SANI, MBWA, MTN, SAUI, GTOI, KPIJ, LEM, GIRL, FAKI, SIJI, WB0, WRA, WRA, WRA, WRAB, WRB, KKM, MDSI, LHSI, DAV, MNAI, ASAR, ASAR, MORW, MASI, SMPI, GENI, FORT, NWA0, NWA0, NWA0, SISI, RPSI, RPSI, RPSI, PSI, PSI, INKA, CTA, MANU, STKA, STKA, CMAR, CMAR, HNR, KM2, KM2, KM2, KM2, NJ2, NJ2, PALK, CD2, CD2, H08S2, H08S3, H08S1, KSRS, KSRS, MJAR, MJAR, MAJO.

2020 DEC

Table with columns: MJBS, HHC, HHC, HHC, RPZ, USRK, USRK, URZ, SONM, HILR, KLR, TLY, KSH2, KSH2, KBL, KBL, AFI, MKAR, MKAR, AAK, H04N2, H04N1, H04N3, VNA, VNA, VNA, VNA, KURB, ZALV, ZALV, KURK, PETK, PETK, YAK, BVAR, BARK, BARK, SEY, AB31, AB31, QSPA, QSPA, RAYN, RAYN, ELIB, KMBO, ARTI, GNI, PPT, GURO, GURO, BOS, BOS, SNA, SNA, ASF, EIL, MMAI, SUR, BRTR, BRTR, BRTR, AKASG, AKASG, YKA, CPUP, LPAZ, LPAZ, NIED 29 00:41:36.8, 24:80N:122:20E, h12km, MW4.0, Moment Tensor Solution. s2 Moment tensor: Scale 10^14Nm; M1:6.84; M2:12.79; M3:5.95; M4:1.24; M5:0.51; Mw:0.03; Fault plane solution: Mw:9.0000x10^14 NP1: 264.00000, 842.00000, -1.96.00000, -0.49.00000, -1.85.00000; JMA 29 00:41:36.8, 0.2, 24:8N:1:0:122:2E:0.4, h12km, 2km, MV3.5/1.4, TAIWAN REGION; TAP 29 00:41:37.3, 24:86N:122:23E, h106km, ML4.5, C ISC 29 00:41:36.4, 1.3, 24:85N:0:03:122:24E:0.03, h15km, 6km, n144, 0595/262, 22C, Taiwan region; Code Station Name Az Phase ID Time Res.

1412

Table with columns: ESAO, Su ao, 0.45 233, eP, Pn, 00 41 53.7 +0.1. Includes rows for ESAO, ILA, WUFSB, WUFSB, TNOU, National Taiwan, NDS, TWE, Neicheng, EOS3, EOS3, EWUT, Wuta, FUSHB, Fushanzhiwuyua, TWA, Machu, TWA, ENA, ENA, Xindian Distri, NHTD, Wulai, WY01, YM01, YM01, YM08, YM08, EAHA, Aohua, EAHA, Taipei, TATO, Taipei, ZUH2, Zuzhihu, ZUH2, Datong Townshi, NDT, Datong, LATG, Datong, LATG, TWY, Chenhua, TWY, TWY, E0S4, E0S4, YONG, Yangunijimaka, YONG, Yangunijimaka, NTST, Donsihu, NTST, Kuangyinsinan, TWS1, Pengchayiu, PCHYT, YHNB, Yeheng, YHNB, Yeheng, YOJ, Yanguniji jima, YOJ, Yanguniji jima, YOJ, Yanguniji jima, YOK, Sanguang, NNSB, Datong, NNSB, Nan Shan, NNS, Fung Village, ETL, NACB, Ninganchiao, NACB, Ninganchiao, NACB, Xiulin Townshi, ETLH, National Center, NCU, Chiawan, TWD, Guanxi Townshi, KSHI, Wufeng Townshi, NFF, Hwaiien, HWA, Fushu, FUSS, Tongmen, IRIB, ETM, LXIB, Xiulin Townshi, LXIB, Emei, LIOB, Hehuan Shan, WHF, TWT, TWT, Yanliu Villag, TEVL, SBBC, Hsinchu, SBBC, Nanjuang, NSTT, Techi, TDCB, HSN, Hsinchu, HSN, SHUL, Shoufeng, SHUL, Shilin, ESC, Jichi Village, TEGC, WHP, Taichung City, WHP, OWD, Renai, OWD, WUSB, Renai, WUSB, WARB, Fenglin Townsh, WARB, TWQ1, Liyutan, TWQ1, WCS, Beigang Elemen, WCS, Iriomote-Funau, IRIF, WVDT, WVDT, WVDT, WDJ, Dajia District, WDJ, Ruisui, WGSB, HSGD, SML, Sun Moon Lake, SML, TYC, Yuchr, TYC, EHYH, Wanrong, EHYH, EHY, Hungye, EHY, SSSLB, Suanglung, SSSLB, Suanglung, SSSLB, Taichung, TCU, Hatju, Hateruma jima, HATJ, Yulu, Yulu, Yulu, Yulu, ECBN, Changbin, WHP, Xinyi Township, WHYU, WCHH, WCHH, WCHH, WJJS, Zhushan, WJJS, WNT, Mingjian, WNT, WNT, TWFI, Yuli, TWFI.

Table with columns: WCH1, JKRS, HJJK, etc. Station names and coordinates. Includes entries like Changhua City, Kuro-shima, Ishigaki jima, etc.

Table with columns: BRLK, IMAR, SUA, etc. Station names and coordinates. Includes entries like Bradley Lake, Indian Mountai, Suisinta One, etc.

Table with columns: F10A, BLKN, NOR, etc. Station names and coordinates. Includes entries like Mina Array Bea, Baker Lake, Nord Igloolik, etc.

IDC 29 00:47:22.7±1.0, 52.238N; 172.36E, h0km, mb4.2/26, mbtmp4.2/27, ML3.1/1, Error ellipse: s-maj=27.27km

NEIC 29 00:47:25.1±1.4, 52.52N; 0.1±172.35E; 0.09, h10km; 1km, mb4.3/19, Error ellipse: s-maj=21.8km s-min=6.4km

ISC 29 00:47:26.6±0.7, 52.44N; 0.1±172.32E; 0.04, h24km, n182, c=079/172, mb4.3/87, Near Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Shemya Is, Ala, Shemya Is, Ala, etc.

Table with columns: M26K, IMAR, KLR, etc. Station names and coordinates. Includes entries like Nabesna, AK, Burnt Mountain, KLR, etc.

Table with columns: BORK, BORK, BORK, etc. Station names and coordinates. Includes entries like Borovoye, Borovoye, Borovoye, etc.

Table with 5 columns: BRTR, Keskin Array B, BNI, Bardonecchia, and numerical values.

RNSC 29 01:02:24.4:0.0,6'N:1.7'4Wz, h104km,3km, M1.6, M1.4, Colombia

Main table listing station names, coordinates, and seismic data for Colombia.

NEIC 29 01:06:30.3:1.7, 6'S:0.1:129.8'E:0.1, h147km,8km, mb4.3/16, Error ellipse: s-maj=18.9km s-min=11.9km az=219.0

IDC 29 01:06:30.1:1.6, 6'S:4S:129.85E, h151km, 17km, mb3.8/5, mbtmp3.4/9, Error ellipse: s-maj=23.9km s-min=12.5km az=35.0

DJA 29 01:06:31.0:3.0, 5.7'S:3.13'OE, h188km, 15km, M4.3/14, mB4.8/7, mb4.2/9, MLv4.5/14, Mw(mb)4.1/7

ISC 29 01:06:30.1:0.6, 6.6'2S:0.05:129.81'E:0.05, h146km, n62, z=202/66, mb4.2/10, Banda Sea

Main table listing station names, coordinates, and seismic data for various regions including SAUI, SANI, SOEI, BANI, FAKI, KAIMANA, DRIS, SIJI, WBO, WRAB, WRA, WFR, JAGI, QIS, ASAR, CTA, BBJ, INKA, FORT, QLP, BBOO, GDIS, STKA, MKAR, and MBWA.

Table listing stations ZALV, KURBS, KURK, VYVA, MAWA, AB31, and ABKR with their respective coordinates and seismic data.

ATH 29 01:07:35.8, 38'15N:23'35E, h14km, 1km, M1.5/9, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Main table listing station names, coordinates, and seismic data for Greece.

THE 29 01:08:05.98, 38'4N:0.4:22.0E:0.5, h6km, 1km, M1.2/5, ML1.2:0.5, Greece

Main table listing station names, coordinates, and seismic data for Greece.

VIE 29 01:13:03.8:0.4, 50'18N:19'26E, h0km, mb2.6/4, ml2.8/5, ml2.7/5, Error ellipse: s-maj=6.0km s-min=1.7km az=161.0 13 km SE of Sosnowice Suspected Mining induced

IDC 29 01:13:03.2:1.3, 49'92N:19'42E, h0km, mbtmp3.3/3, ML2.2/3, Error ellipse: s-maj=29.9km s-min=9.4km az=160.0

IPEC 29 01:13:03.9:0.1, 50'12N:19'28E, h1km, ML2.8/6, Error ellipse: s-maj=1.5km s-min=0.6km az=170.0

DNK 29 01:13:03.0:2.2, 50'27N:19'86E, h0km, ML3.6, Presumed earthquake

PRU 29 01:13:04.5:0.5, 16'N:19'23E, h0km

ISC 29 01:13:03.0:0.7, 50'15N:0.03:19.24E:0.02, h0km, n45, z=128/79, Poland

Main table listing station names, coordinates, and seismic data for Poland and other regions.

Table listing stations PVCC, RONA, RONA, CONA, CONA, ZVC, BRG, BRG, BRG, CKRC, CKRC, CKRC, KHC, KHC, KHC, KHC, GERES, GERES, GERES, GERES, MOA, MOA, CLL, CLL, NKC, NKC, BSD, BSD, AKASG, AKASG, BLEU, BLEU, LUNU, LUNU, BJUV, BJUV, DAVOS, DAVOS, DAVOX, DAVOX, DEL, DEL, DEL, FORU, FORU, FINES, FINES, FINES.

VIE 29 01:29:17.5:0.6, 50'28N:19'01E, h0km, mb2.5/2, ml2.0/3, ml2.0/3, Error ellipse: s-maj=7.1km s-min=2.1km az=163.0 4 km NNE of Katowice Suspected Mining induced

IPEC 29 01:29:17.9:0.2, 50'20N:19'05E, h1km, ML2.3/6, Error ellipse: s-maj=1.8km s-min=0.9km az=178.0

PRU 29 01:29:18.4:0.5, 15'N:19'01E, h0km

ISC 29 01:29:18.1:0.9, 50'18N:0.04:19.02E:0.03, h0km, n28, z=074/51, Poland

Main table listing station names, coordinates, and seismic data for Poland and other regions.

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

TEH 29 01:40:37.5, 34.98N, 45.65E, h2km, 990km, ML2.5, Presumed earthquake

ISC 29 01:40:38.1, 1.1, 34.99N, 0.05, 45.59E, 0.05, h10km, n8, r1588/13, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDHR, IGHH, IGHH, IGHH.

IDC 29 01:41:56.5, 1.6, 14.96S, 178.32W, h403km, 17km, mb3.8/6, mbmp4.5/9, Error ellipse: s-maj=26.5km s-min=17.1km az=159.0

NEIC 29 01:41:56.9, 1.1, 15.03S, 0.09, 178.27W, 0.1, h407km, 5km, mb4.0/20, Error ellipse: s-maj=15.5km s-min=12.2km az=107.0

ISC 29 01:41:56.0, 0.5, 15.00S, 0.08, 178.23W, 0.09, h400km, n46, r079/46, mb4.4/16, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FUGATOGA, NONSAVU, NONSAVU.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I27K, Kandik River, I27K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like D27M, Malcolin River, D27M.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BCAR, Beaver Creek A, BCAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES, ACCESS Array B, ARCES.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRTR, Keskin Array B, BRTR.

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

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SALOM-ALIK, Salom-Alik, SALOM-ALIK.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUFI-KURGAN, Sufi-Kurgan, SUFI-KURGAN.

KRNET 29 01:49:18.1, 0.1, 40.60N, 72.76E, h21km, mb3.6

ISU 29 01:49:20, 40.62N, 72.66E, h14km

SOME 29 01:49:20.7, 40.70N, 72.77E, h10km

NINC 29 01:49:22.1, 0.8, 40.81N, 72.73E, h6km, 5km, mb3.9

ISC 29 01:49:17.2, 1.0, 40.69N, 0.02, 72.78E, 0.02, h5km, 9km, n71, r134/109, 25C-21D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OSH, Osh, OSH.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TASHATA, Tashata, TASHATA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSLANBOB, Arslanbob, ARSLANBOB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SALOM-ALIK, Salom-Alik, SALOM-ALIK.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FERGANA, Fergana, FERGANA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUFI-KURGAN, Sufi-Kurgan, SUFI-KURGAN.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUFI-KURGAN, Sufi-Kurgan, SUFI-KURGAN.

29d 2h

2020 DEC

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Table with columns for station name, time, and resolution. Includes stations like TNS5, TNS6, MDOK, KOTS, SATY, ARXS, KPKS, UZB, BLB, SHLS, PDGK, KNOS, DJNR, DJR, etc.

SJA 29 01:52:54.3±0.8, 19°22'S;69°47'W, h124km, 2km, ML3.4, Mw3.5
GUC 29 01:52:55.0±0.8, 19°18'S;69°38'W, h117km, 4km, ML3.5, Presumed earthquake

ISC 29 01:52:54.2±1.5, 19°23'S;0°03'69.49'W;0.06, h129km, 8km, n31, c1908/58, 6C-1D, Northern Chile

Table with columns for station name, time, and resolution. Includes stations like PB18, PB01, PB07, PB09, LP09, LP03, PB05, PB10, etc.

ATH 29 02:05:59.1, 38°41'N;22°04'E, h6km, 1km, ML1.8/1.5, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 29 02:05:59.1, 38°4N;0°42'E;0.4, h7km, 1km, M1.8/1.6, MLh1.8/1.6, Greece

Table with columns for station name, time, and resolution. Includes stations like SERG, MG00, EFP, KALE, KALE, AGE0, LAKA, LAKA, VVK, VVK, RIOA, RIOA, University Cam, Ano Chora, AGRP, PATC, PATC, KALAVRYTA, ACH, DELPHI, PLEV, PLEV, DRO, DRO, GOURA, GOURA, EVR, EVR, THAL, THAL, PRODROMOS, PRODROMOS, LOKRIS, LOUKRIS, AMT, AMT, VILLIA, etc.

TIR 29 02:06:11.4, 40°41'N;21°20'E, h14km, ML2.2, ML2.2, Presumed earthquake

THE 29 02:06:12.1, 40°5N;0°9'21.2'E;0.7, h4km, 2km, M2.1/1.7, MLh2.1/1.7, 1C-1D, Greece

Table with columns for station name, time, and resolution. Includes stations like NEST, NEST, KBN, KBN, KBN, KBN, etc.

Table with columns for station name, time, and resolution. Includes stations like KZN, KZN, KPRO, KPRO, LSK, LSK, JAN, JAN, PRMD, PRMD, GRG, GRG, LRIT, LRIT, LIT, LIT, SAR, SAR, THL, THL, IGT, IGT, PHP, PHP, etc.

KRSC 29 02:06:58.3±2.3, 51°01'N;160°53'E, h52km, 36km, M13.9, Off east coast of Kamchatka Peninsula

Table with columns for station name, time, and resolution. Includes stations like KDFR, KDFR, RUS, RUS, SPN, SPN, ASAK, ASAK, GRG, GRG, NLC, NLC, PET, PET, KRMR, KRMR, PAU, PAU, SDR, SDR, AVH, AVH, KRER, KRER, MOP, MOP, KIPR, KIPR, APC, APC, APC, APC, KII, KII, GNL, GNL, MKZ, MKZ, MKZ, MKZ, KZV, KZV, BKI, BKI, KBT, KBT, KBT, KBT, SMKR, SMKR, etc.

NEIC 29 02:34:15.1±1.5, 6°71'S;108°128'E;0.1, h273km, 8km, mb4.4/1.2, Error ellipse: s-maj=14.7km s-min=10.8km az=103.0

DJA 29 02:34:17.0±0.5, 7°S;3°12'8"E, h286km, 12km, M4.3/2.2, mb4.8/5, mb4.2/8, MLv4.4/2.2, Mw(mB)4.0/5

IDC 29 02:34:17.0±1.6, 6°69'S; 128°11'E, h296km, 20km, mb3.4/6, mbmp4.3/1.1, Error ellipse: s-maj=30.6km s-min=16.4km az=92.0

ISC 29 02:34:16.3±0.5, 6°77'S;0°05'-128°E;0.06, h300km, n60, c1939/64, mb3.7/9, Banda Sea

Table with columns for station name, time, and resolution. Includes stations like BNDI, BNDI, SAUI, SAUI, MASOI, MASOI, NLAI, NLAI, SOE, SOE, SOE, SOE, SANI, SANI, SANI, SANI, BATI, BATI, BATI, BATI, FAKI, FAKI, FAKI, FAKI, DRS, DRS, KMPI, KMPI, SIJI, SIJI, SIJI, SIJI, EDDF, EDDF, EDDF, EDDF, EDFI, EDFI, MNTN, MNTN, KNRA, KNRA, PLAI, PLAI, FITZ, FITZ, FITZ, FITZ, WARR, WARR, WRAB, WRAB, WRA, WRA, WRA, WRA, FITZ, FITZ, ASAR, ASAR, ASAR, ASAR, MORW, MORW, MORW, MORW, BLDU, BLDU, KLBR, KLBR, BBOO, BBOO, BBOO, BBOO, PBA, PBA, KSRS, KSRS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERM Erimo, SONMI Songo Array, PAF Port-aux-Franc, etc.

IDC 29 02:48:19.5-44.0, 1.92S:67.44E, h0km, mb3.7/3, mbtmp3.7/3, MS3.0/4, Error ellipse: s-maj=934.7km s-min=202.8km az=34.0, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PALK Pallekele, KMBO Kilima Mbowo, PSI Prapat, etc.

UPA 29 02:54:48.4-1.0, 7.81N:80.29W, h17km, 1km, MW3.7, Fault plane solution: NP1, 117.00000, 360.00000, Presumed earthquake

RSNC 29 02:54:49.5-0.0, 8.7N:1.84W, h31km, 5km, M3.3, mb3.5, ML2.5

ISC 29 02:54:48.5-1.0, 7.85N:0.02:80.30W, 0.02, h19km, 2km, n47, c151289, 9C-4D, Panama

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHIT3 Chitre, PCRI3 Poci, Los San, PEDA3 Pedasi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTBC, POPC, PRAC, URIC.

IDC 29 03:16:45.0-1.6, 13.41N:122.62E, h0km, mb3.5/5, mbtmp3.5/5, MS3.0/4, Error ellipse: s-maj=69.1km s-min=22.1km az=55.0

MAN 29 03:16:47.0, 13.33N:122.31E, h4km, MS3.5, MAN INTENSITY III - MULANAY QUEZON: INTENSITY II - CATANAUAN QUEZON

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GGP Guinayangan, LQP Lubkan, IBAJ Ibayaj, etc.

IDC 29 03:21:13.1-3.3, 17.04S:175.16W, h350km, 14km, mb3.2/4, mbtmp3.9/6, Error ellipse: s-maj=134.0km s-min=15.7km az=147.0

NEIC 29 03:21:14.6-1.2, 16.1S:0.1:175.91W:0.9, h322km, 7km, mb4.3/16, Error ellipse: s-maj=15.9km s-min=12.2km az=166.0

ISC 29 03:21:16.3-0.6, 16.11S:0.10:175.70W:0.08, h350km, n29, c146/33, mb4.2/12, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAF Fugatoga, AFU Afiamalu, AFI Afiamalu, etc.

DJA 29 03:27:34.7-2.7, 5.9N:8.9E:2.4, h31km, 9km, M3.9/9, MLV3.9/9

BKK 29 03:27:41.5-1.7, 5.9N:9.6E:2.2, h27km, 37km, M3.9/7, mb4.6/1, mb4.4/1, Mjma3.3/7, ML4.1/7, MLV3.9/7, Mw(m)3.9/1

ISC 29 03:27:38.5-5.6, 4.5N:0.1:95.4E:0.4, h63km, n4, c163/65, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLI Meulaboh, KCSI Kotacane, RNTT Ranong, etc.

SNET 29 03:54:34.7-4.2, 12.84N:90.97W, h54km, ML4.7, Presumed earthquake

CATAC 29 03:54:35.0-1.6, 13.41N:122.62E, h19km, 8km, M4.7/23, MLV4.7/23, Error ellipse: s-maj=10.6km s-min=4.9km az=30.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw=3.9; Mww=3.66; Mww=3.25; Mww=3.91; Mww=1.14; Mw=2.69; Fault plane solution: Mo7.72551x10^15 Np1; 0.126, 51530, 864, 75845, 188, 50069. NP2: 0.310, 02761, 825, 28313, 93, 17659. Principal axes: T 8.6151, Plg70.2045, Azm33.3863; N -2.3029, Plg1.3561, Azm127.1548; P -6.3122, Plg19.7451, Azm217.6416; confirmed

GCG 29 03:54:37.6-1.9, 13.15N:90.94W, h29km, 87km, MD4.9, Presumed earthquake

GFZ 29 03:54:37.6-0.3, 13.15N:90.94W, h10km, M4.8/19, mbtmp4.5/4

NEIC 29 03:54:39.3-1.4, 13.18N:0.06:90.80W:0.05, h35km, 1km, mb4.6/379, Error ellipse: s-maj=10.8km s-min=7.9km az=214.0

RSNC 29 03:54:40.2-0.6, 13.18N:0.06:90.80W:0.05, h35km, 1km, mb4.5, ML3.8, Mw(m)B4.3

IDC 29 03:54:44.7-1.6, 13.46N:90.42W, h83km, 11km, mb4.2/21, mbtmp4.5/24, MS3.9/32, Error ellipse: s-maj=22.6km s-min=8.4km az=57.0

ISC 29 03:54:39.9-0.9, 13.14N:0.05:90.86W:0.05, h53km, 7km, CEDA 1342/301, mb4.6/184, MS4.0/32, JD, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACAJ Puerto de Acaj, FGA Yucocapa, PAV San Vicente Pa, etc.

APG 45m, 0.6s, baz=125, slow=11, SNR=6.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTO3 Montecristo, EQE Esquipulas, ZAFR2 Estanzuela, etc.

JTS comp=2.22nm, 0.6s, baz=132, slow=21, SNR=1.6

JTS La Junta de 6.44 115 P Sn 03 56 12.1 -0.1

JTS La Junta de 6.44 115 S Sn 03 56 12.2 -2.2

JTS Pocosol 7.6 114 S Sn 03 56 12.2 -2.2

BILN Bilwi Airport 7.33 82 Pn 03 56 23.4 -1.0

TEIG Tepich 7.46 19 Pn 03 56 26.5 +0.3

TEIG Tepich 7.46 19 Pn 03 56 27.6 +1.4

TEIG Tepico, Valle 7.46 19 Pn 03 56 27.7 +1.5

LCR2 La Lucha 2 7.52 116 Pn 03 56 27.0 -0.2

29d 3h

Table with columns: ID, Name, Comp, Az, El, AzEl, P, S, AzEl, S, AzEl, S. Rows include 441A, OTAV, 553A, 553A, HNVL, ROSC, ROSC, ROSC, BARC, 435B, NATX, CHIC, RUSC, 143A, TAMC, TX31, TXAR, TXAR, TXAR, MACC, OZNA, Z41A, Z47A, 152A, SDV, SDV, SDV, WLAR, CCAR, PLPT, Z35A, SGCY, ABGX, Y49A, TPB05, GOGA, LP1G, MIAR, MIAR, Y52A, TPB06, ODSA, PECS, APMT, 129A, VHRN, POST, WHAR, NHSC, X34A, SWET, FCAR, W52A, MNTX, MNTX, V48A, LCAR, Y57A, BG3, WVT, WVT, TKL, TKL, TKL, OK052, V53A, ATAH, U49A, X58A, AMTX, OK048, TZTN, TZTN, TZTN, U54A, U54A, 319A, V58A, U56A, R40A, S51A, WCI, WCI, Y22A, RTBA, OLIL, R50A.

2020 DEC

Table with columns: ID, Name, Comp, Az, El, AzEl, P, S, AzEl, S, AzEl, S. Rows include Q44A, ANMO, ANMO, R32A, BLO, KSU1, TUC, TUC, P38A, P46A, P48A, R55A, Q54A, SFIN, HDIL, CZSB, P53A, W18A, N47A, N49A, O53A, P57A, SCIA, WUJ2, PAMR, PV02, PV13, SSPA, PV03, PV18, PV12, PV11, PV07, PV20, PV22, PV23, BC3, M57A, KNB, ECSD, ECSD, PFO, P17A, TCRU, BOAV, BOAV, BOAV, L59A, K22A, BSUT, QSM, TPNV, RSSD, F35A, WCT, CLC, CLC, MPMC, MPMC, TCUT, HWUT, HWUT, PDAR, PDAR, PDAR, MZP, MACA, MACA, MACA, LONY, AHID, AHID, EYMN, MDPB, NVAR, NVAR, NVAR, NVAR, NVAR, AGMN, KVN, RLMT, YMP, BMN, YNE, WAKR, CMB, CMB, HLID.

1418

Table with columns: ID, Name, Comp, Az, El, AzEl, P, S, AzEl, S, AzEl, S. Rows include PAHR, VLDQ, BOZ, LPAZ, LPAZ, LPAZ, DMGT, MFID, DLMT, BEKR, ULM, ULM, PB16, PB16, WVOR, WVOR, WVOR, O03E, PLID, MSO, ITTB, YBH, L04D, VILB, VILB, PINE, NPGS, G06A, I04A, HAWA, D08A, NEW, WAH2, I03D, E07A, E07A, SIV, MXC, MXC, EPH, EPH, PDRB, G03D, G03D, LTY, CLDB, CLDB, PTLB, FFC, FFC, LON, LON, BBSD, D05A, D05A, RADR, GNW, SHUK, SHUK, RPN, B04A, B04A, LLLB, LLLB, FCC, FCC, SCHO, SCHO, COIM, CBB, CBB, SNDB, BDNQ, MURT, AQDB, ARAG, SMTB, SJPY, CPUP, BDFB, BDFB, BLKN, BLKN, NBPS, YKA, YKA, SDBA, SDBA, NFBM, ITOB, ILON, PLCA, PLCA, L06E, RCBR, CMCO, SJCMB, WASSO, GUA01, BSFB, RIB01, SFJD.

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2020 DEC

29d 4h

Table with columns: POIN, Pond Inlet, 60.02, 4, P, P, 04 04 39.6, -1.2, etc. Lists various locations and their coordinates.

Table with columns: BOSA, Boshof, 118.99, 116, PKPdf, PKIKP, 04 13 24.6, +1.0, etc. Lists locations in the Arctic region.

RSNC 29 03:56:38.9, 0.0, 7.1N, 1.73W, h143km, 1km, ML1.5,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the RSNC region.

IDC 29 04:06:45.2, 18.0, 7.21S, 153.96E, h306km, 207km, mb2.9/4, mbtmp3.6/5, MS2.9/2, Error ellipse: s-maj=164.8km s-min=69.1km az=117.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the IDC region.

PRU 29 04:18:12.9, 42.90N, 15.59E, h10km RHSSO 29 04:18:13.4, 40.7, 42.98N, 16.14E, h10km, 6km, ML3.2/9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the PRU region.

BEO 29 04:18:14.9, 0.6, 3.73S, 18N, h4km, 6km, ML3.3/6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the BEO region.

IS 29 04:18:12.1, 1.3, 43.03N, 0.03, 16.12E, 0.03, h4km, 10km, n65, c1926/99, 2C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the IS region.

TRN 29 04:46:46.7, 13.98N, 60.67W, h73km, MD3.8, 1C, East of Saint Lucia, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the TRN region.

Table with columns: CONA, Conrad Observa, 4.91, 358, i Pn, Pn, 04 19 27.2, +0.6, etc. Lists various locations and their coordinates.

JMA 29 04:32:39.7, 0.5, 44.2N, 2.14W, h8E, h0km, MV3.7/17, SE OFF ETOROFU

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the JMA region.

SJA 29 04:35:01.5, 0.8, 33.68S, 68.57W, h13km, ML3.6, MW3.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the SJA region.

TRN 29 04:46:46.7, 13.98N, 60.67W, h73km, MD3.8, 1C, East of Saint Lucia, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station data for the TRN region.

29d 5h

Table with 5 columns: TRN, Station Name, Time, Res, and other details. Includes stations like Trinidad (W) and Willy Bob.

ISK 29 04:55:27.4, 40.85N;44.35E, h4km, ML2.3/5
MOS 29 04:55:27.0, 40.66N;44.28E, h8km, MPVA3.8
NCORS 29 04:55:28.0, 40.60N;44.23E, h10km, MPVA3.8

AFAD 29 04:55:29.1, 40.74N;44.27E, h7km, 4km, ML2.0
AZER 29 04:55:28.0, 40.81N;44.49E, h3km, ml2.3

DRS 29 04:55:30.0, 40.67N;44.55E, h1km
ISC 29 04:55:28.0, 1.1, 40.80N;0.02, 44.33E;0.02, h5km;10km, n43, c116/80, Turkey-Georgia-Armenia border region

Main table of station data for the 29d 5h period. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residual. Lists numerous stations like Akyaka, Kars, Qazax, etc.

2020 DEC

Main table of station data for the 2020 DEC period. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residual. Lists numerous stations like Saumlaki, Namlea, Kaimana, etc.

n78,-132/99,mb3.6/5,9D, Off coast of northern Chile 1420

Main table of station data for the n78,-132/99,mb3.6/5,9D, Off coast of northern Chile 1420 period. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residual. Lists numerous stations like IPOC Station P, Chacalluta, Pisagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BDFB Brasilia, RPN Rapa Nui, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR ASAR, KNRA STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDC 29 06:13:33.9, MOS 29 06:13:33.2, NEIC 29 06:13:37.2, etc.

ASRS 29 05:58:57.01.1.54:10kN:86:49E, h0km, M2.4(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ASRS 29 06:05:00.0.0.5.53:94N:86:61E, h0km, M2.4(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like HILR Hailar Array B, LZDM Lanzhou Array, etc.

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RABL Rabaul, HNR Honiara, etc.

ASRS 29 06:05:02.8.3.9.54:01N:86:75E, h0km, mbtm2.7/2, ML2.5/2, Error ellipse: s-maj=34.0km s-min=16.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ASRS 29 06:06:46.9.0.5.6:49S:154:88E, h0km, mb4.3/21, mbtm4.2/24, ML3.5/3, Error ellipse: s-maj=18.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VANDA Vanda, L14K Kuka Creek, etc.

ASRS 29 06:06:49.6.1.3.6:57S:104:83E:0.08, h10km, 1km, mb4.9/37, Error ellipse: s-maj=15.6km s-min=11.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRB Warramunga Arr, etc.

NEIC 29 06:06:49.6.1.3.6:57S:104:83E:0.08, h10km, 1km, mb4.9/37, Error ellipse: s-maj=15.6km s-min=11.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DZA DZA, GCMT 29 06:06:55.6.0.3.6:74S:0:02:154:56E:0:02, h2km, MW5:2/106, Moment Tensor Solution, s57.071, s75.0107, etc.

NEIC 29 06:06:53.2.0.5.6:7S:15:4E, h10km, M4.6/12, mb4.8/12, mb5.47, ML4.2/1, Mw(mb)4.8/7, MwMwp3.5/1, Mw4.1/1

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

GCMT 29 06:06:55.6.0.3.6:74S:0:02:154:56E:0:02, h2km, MW5:2/106, Moment Tensor Solution, s57.071, s75.0107, Duration: 0, Moment tensor: Scale 10^16Nm, Mw=4.8±.25, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRB Warramunga Arr, etc.

ISC 29 06:06:48.7.0.4.6:56S:0:06:154:85E:0:06, h10km, n97, c=88/102, mb4.7/46, 2C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RABL Rabaul, HNR Honiara, etc.

ISC 29 06:06:48.7.0.4.6:56S:0:06:154:85E:0:06, h10km, n97, c=88/102, mb4.7/46, 2C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MAW Mawson, KURK Kurchatov, etc.

ISC 29 06:06:48.7.0.4.6:56S:0:06:154:85E:0:06, h10km, n97, c=88/102, mb4.7/46, 2C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRB Warramunga Arr, etc.

Table of seismic stations and their parameters. Columns include station code, name, coordinates, and various seismic parameters like depth, magnitude, and quality.

Table of seismic events. Columns include station code, name, coordinates, and event parameters like depth, magnitude, and quality.

Table of seismic events. Columns include station code, name, coordinates, and event parameters like depth, magnitude, and quality.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like USSARIYSK Arra, USSARIYSK Ar, USSARIYSK Ar, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR MAKZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and other technical details. Includes stations like NEIC 29 06:23:30.2, NEIC 29 06:23:30.2, etc.

1425

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TNCH, NPW, HIA, LZDM, ZEA, MA2, MORE, MOKO, KOHI, AZIL, BRDH, GTA2, TEZP, ULN, SONM, SHL, SEY, GOMU, LSA, YAK, VANDA, VDA, ZAK, TLY, BOK, RAGD, BILL, KNGR, MALK, ALBI, WMQ, KOD, HYB, M2OK, SLKM, TIXI, PTH, RDOG, CAST, PMR, DGZ, JOSI, SML, BHPL, IMAR, ZSN, RND, HNL, DHY, KLP, NDI, WRH.

2020 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CCB, COLA, KUDL, SMLA, SMLA, MKAR, MKAR, MKAR, MKAR, KAD, ILAR, ILAR, ILAR, MAZK, MAZK, MAZK, ALCI, DOT, ZALV, ZALV, ZALV, GSPA, GSPA, QSPA, SCRR, DHRM, DHRM, SHLS, SHLS, AJJ, UZB, UZB, UZB, BCAR, KPKS, KPKS, SATY, SATY, UDPR, UDPR, UDPR, TARG, MAW, MAW, MAW, MAW, MAW, MAW, TDK, TDK, KDJ, KDJ, KDJ, BMAR, ASAY, MDOK, MDOK, TNS5, TNS5, DAWY, AAA, AAA, KSH2, KSH2, KSH2, KURK, KURK, KURK, KURB, KURB, I29M, NIL, AAK, AAK, AAK, AAK, NRIK, NRIK, NRIK, NRIK, O02D, NLWA, SUTB, M03C, INK, INK, INK, J04A, DZA, DZA, KBL.

29d 6h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBL, KK31, KY31, KKR, KKR, BEKR, BRLS, BRLS, CHM, CHM, CHM, CHM, MDPB, PAHR, YERR, E07A, CWC, NVAR, BVA0, BVA0, HAWA, BORK, BORK, WAH2, EPH, WFOR, CLC, CLC, G08A, G08A, MPMC, E08A, B08A, B08A, D08A, TPH, GSC, QSM, PFO, PFO, PFO, PFO, G9Y, G9Y, BMN, C09A, WCT, SYO, SYO, C36M, A36M, A36M, BMO, BMO, BMO, TPNV, TPNV, F10A, BC3, MTPC, NEW, NEW, NEW, SHPR, ELK, W13A, LCMT, ELIB, YKA, YKA, YKA, U15A, SRU, AB31, AB31, AB31, PV21, PV21, PV11, PV22, NVL, NVL, NVL, TROLL, TROLL.

29d 6h

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, APA Apatity, KIV Kislovodsk, MOS Moscow, OBN Obninsk, etc.

SJA 29 06:27:52.5-0.7, 21.36Sx66.62W, h256km, 7km, ML3.8, MW3.8

SCB 29 06:27:53.0-1.4, 21.41Sx66.62W, h242km, 14km, ML4.5/2, Error ellipse: s-maj=6.2km s-min=3.8km az=0.0

NEIC 29 06:27:54.3-1.4, 21.40Sx0.07-66.8W:0.1, h255km, 8km, mb4.2/12, Error ellipse: s-maj=1.06km s-min=9.8km az=76.0

VAO 29 06:27:55.9-1.0, 21.11Sx66.53W, h262km, 7km, mb3.9, Presumed earthquake

ICD 29 06:27:57.6-2.4, 20.96Sx66.31W, h267km, 18km, mb3.3/3, mbmp3.0/9, Error ellipse: s-maj=32.2km s-min=14.7km az=25.0

ISC 29 06:27:52.8-0.6, 21.35Sx0.04-66.63W:0.04, h245km, 6km, n116, s135/144, mb4.2/7, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MOCB Mochara, YJA Yavi, YJA Yavi, etc.

2020 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IPOC Station P, SALTA, GO01 Chuzmiza, GO01 Chuzmiza, etc.

1426

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNAIA Sanae, TXAR Lajitas Array, TXAR Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ITAB Concordia, LPAZ La Paz, PMSA Palmer Station, NNA Nana, etc.

ITC 29 06:49:34.4s.7.21'40S:68.49W, h117km,39km, mb3.5/2, mbmp3.7/5, MS4.4/1, Error ellipse: s-maj=70.0km s-min=29.3km az=42.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB01 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB07 IPOC Station P, PB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB03 IPOC Station P, PB03 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TA01 Diego Arcarena, TA01 Diego Arcarena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TA02 Huaquiue, TA02 Huaquiue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GO01 Chuzmisia, GO01 Chuzmisia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB11 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AF01 San Pedro de A, AF01 San Pedro de A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SALTA IPOC Station P, SALTA IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include YKA Torodi Ar. Bea, YKA Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NATA Nata, NATA Nata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AKMS Akamas, AKMS Akamas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TROD Troodos, TROD Troodos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ALFC Alefka, ALFC Alefka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include XYLS Xylilatos, XYLS Xylilatos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LFK Lefkose, LFK Lefkose, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include I46RU Zalesovo INFRA, I46RU Zalesovo INFRA, etc.

BUI 29 07:10:26.6, 43.40N:127.00W, h20km, mb5.6/31, mb5.1/69, MS5.6/67, Ms7.5/3/65

NEIC 29 07:10:29.9, 43.39N:127.15W, h21km, mb5.9/21

PTWC 29 07:10:31.2, 43.56N:127.42W, h18km, mb5.1/MS5.2

NEIC 29 07:10:34.7, 43.37N:127.33W, h12km, Moment Tensor Solution

NEIC 29 07:10:29.5, 43.40N:127.15W, h10km, mb5.9/21

J01E Myrtle Point, J01E Myrtle Point, etc.

YBHA Yreka Blue Hor, YBHA Yreka Blue Hor, etc.

NEW Newport, NEW Newport, etc.

29d 7h

Table of flight data for the 29th day of December 7 hours. Includes columns for flight number, aircraft type, status, time, and other details. Rows include flights like L29M, M27K, PHO2, DIV, CBKS, etc.

2020 DEC

Table of flight data for December 2020. Includes columns for flight number, aircraft type, status, time, and other details. Rows include flights like L29M, M27K, PHO2, DIV, CBKS, etc.

1428

Table of flight data for the 1428th day. Includes columns for flight number, aircraft type, status, time, and other details. Rows include flights like TXAR, Lajitas Array, Port Alsworth, etc.

Table with columns: Station, Frequency, Mode, Direction, Time, and other parameters. Includes stations like NRS, MA2, SKR, DAG, SDDR, DBG, etc.

Table with columns: Station, Frequency, Mode, Direction, Time, and other parameters. Includes stations like H11S3, OTAV, GDHS, CBE, GRNR, etc.

Table with columns: Station, Frequency, Mode, Direction, Time, and other parameters. Includes stations like ASK, BER, AFI, SKAR, JGF, KMY, INU, HILR, NB2, etc.

29d 7h

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like BIZ Bicaz, BZS Buzias, BZS Buzias, GTA2 Gaotai, etc.

2020 DEC

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, KVAR Kislovodsk Arr, etc.

1432

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Xiulin Townshi, Santiao Chiao, Kuro-shima, etc.

GCG 29 08:05:25.4±2.1, 14.77N;90.73W, h6km±11km, MD4.1, ML3.4, MW3.1, Presumed earthquake.

CATAC 29 08:05:26.4±0.3, 15°N;2°11'W, h4km±2km, M3.8/11, MLV3.8/11, Error ellipse: s-maj=4.8km s-min=3.4km az=13.3, confirmed.

SNET 29 08:05:26.1±2.1, 14.75N;90.88W, h25km, ML3.9, Presumed earthquake.

ISC 29 08:05:25.2±1.1, 14.73N;0.03;90.76W±0.03;h8km±10km, n35,-0.683/49, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like OSOP, El Apazote, Yecopaca, Chim, etc.

BJI 29 08:06:04.5, 34°66N;23°64E, h12km, mB5.4/6, mb4.9/46. MOS 29 08:06:08.0±1.0, 34.72N;24.05E, h12km, mb5.1/35, Error ellipse: s-maj=5.9km s-min=3.0km az=70.

Tensor Solution. s5 Moment tensor: M=0.13; Mw=0.02; Mw0.16; Mw1.19; Mw0.07; Mw0.91; Fault plane solution: NP1=187.00000°, 63.00000°, λ=30.00000°. NP2=307.00000°, 88.00000°, λ=94.00000°.

ISK 29 08:06:12.2, 34.76N;24.22E, h17km, ML4.6/28. PDG 29 08:06:12.2±0.5, 34.92N;23.96E, h16km, 3km, ML5.0/10, Error ellipse: s-maj=3.7km s-min=2.8km az=90.0.

NAO 29 08:06:25.3, 36°49N;25°37E, h33km, MB4.6. ISC 29 08:06:09.6±0.6, 34.68N;0.03;24.12E±0.02, h14km±3km, n825,±2814/850, mb4.9/158, MS3.9/9, 69C-41D, Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Gavdhos, VAMOS, RETHYMO-LIMIN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ANOYIA, RODOPOS, HERAKLION, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NEAPOLIS, ZAKROS, KYTHIRA ISLAND, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ANTIKYTHIRA IS, NAFPLIO, KARPATHOS, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KARPATHOS, KARPATHOS, KARPATHOS, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KARPATHOS, KARPATHOS, KARPATHOS, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KARPATHOS, KARPATHOS, KARPATHOS, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BABADAG-DENIZI, ACIPAYAM-DENIZ, SERINSHAR-DEN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ELMAI, ELMAI, ELMAI, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KORT, KORT, ANTB, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ISPARTA, ISPARTA, ISPARTA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KEK, ALN, ALN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like VAY, VAY, VAY, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MMB, OHR, OHR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KEK, ALN, ALN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KEK, ALN, ALN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KEK, ALN, ALN, etc.

Table with columns: MMAI, Mount Meron Ar, 9.53 97 Pn, Pn, 08 08 25.0 -1.5, etc. Includes stations like AMAZ, SALP, ARIL, MMLI, GEM, etc.

Table with columns: SIM, Simferopol', 12.80 34 eP, Pn, 08 09 15.0 +3.9, etc. Includes stations like BURAR, BURAR, BURAR, etc.

Table with columns: RETA, Reutte, 16.25 326 i Pn, Pn, 08 09 58.3 +1.0, etc. Includes stations like KRLC, KRLC, KRLC, etc.

1435

2020 DEC

29d 8h

Table with columns: Station Name, Frequency, Class, Power, and other technical details. Includes stations like MNK, PARRA, PCVE, PSARD, SNART, COI, HFS, RAF, KONO, HFS, etc.

29d 8h

Table with columns: Station Name, Time, Res, ISC, and various parameters. Includes stations like GOMU GeErMu, TLY Talaya, ZAK Zakamensk, etc.

2020 DEC

Table with columns: Station Name, Time, Res, ISC, and various parameters. Includes stations like KSRS Korea Array, I29M Ogilvie Camp, IMAR Indian Mountain, etc.

1436

Table with columns: Station Name, Time, Res, ISC, and various parameters. Includes stations like STKA Stephens Creek, JMA 29 08:08:49, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like MKAR Makanchi Array, ILAR Eielson Array, ILAR comp=Z, 1.09nm, 19.3s, etc.

IDC 29 09:28:55.7±1.5, 51.82N; 75.43E, h0km, mbtmp2.6/2, ML2.0/2, Error ellipse: s-maj=24.2km s-min=10.5km az=30.0

NNC 29 09:28:58.0±2.5, 51.85N; 75.83E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=16.9km s-min=16.8km az=43.0, Suspected Mining explosion.

ISC 29 09:28:55.2±1.2, 51.73N; 75.3E:0.1, h0km, n8, s1937/6, 3C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like KURBB Kurchatov Arra, KURBB 0.2nm, 0.3s, etc.

IDC 29 09:39:42.1±4.8, 5.94S; 152.90E, h0km, mb3.3/3, mbtmp3.4/4, ML3.3/1, Error ellipse: s-maj=137.1km s-min=33.9km az=103.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, etc.

SNET 29 09:40:18.4±2.1, 13.61N; 90.94W, h85km, ML3.5, Presumed earthquake

CATAC 29 09:40:20.8, 14°N, 2.9°W, h76km, 5km, M3.3/7, MLV3.3/7, confirmed

GCG 29 09:40:20.4±1.3, 13.62N; 90.91W, h42km, 77km, MD3.6, Presumed earthquake

ISC 29 09:40:26.1±2.0, 13.77N; 0.1, 90.65W; 0.07, h49km, 28km, n16, s1986/24, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like FG8 Yepocapa, FG8 0.1nm, 0.8s, etc.

IDC 29 09:41:32.9±1.0, 55.70N; 150.26W, h0km, mb4.1/14, mbtmp4.1/18, ML4.1/4, MS3.7/7, Error ellipse: s-maj=23.4km s-min=16.6km az=33.0

NEIC 29 09:41:35.8±1.6, 55.89N; 0.08; 149.79W; 0.10, h10km, 1km, mb4.5/18, ML4.5/8, ML4.3(AIC), Error ellipse: s-maj=13.6km s-min=9.0km az=193.0

AEIC 29 09:41:40.7±1.6, 55.90N; 0.06; 149.77W; 0.09, h10km, 4km, Error ellipse: s-maj=11.2km s-min=2.6km az=144.0

ISC 29 09:41:35.6±0.5, 55.95N; 0.06; 149.80W; 0.14, h10km, n231, s1931/226, mb4.5/27, MS3.8/4, Gulf of Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like OHAK Old Harbor, OHAK 2.31 305, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like KDKA 42nm, 0.3s, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like L16K Ohwat River, MENT Mentasta, etc.

29d 10h

Table of satellite data for 29 days and 10 hours, listing station names, codes, and various parameters like elevation and azimuth.

2020 DEC

Table of satellite data for December 2020, listing station names, codes, and various parameters like elevation and azimuth.

1440

Table of satellite data for 1440, listing station names, codes, and various parameters like elevation and azimuth.

IDC 29:10:09.49.3.0.8, 10.62Sx161.73E, h0km, mb4.2/10, mbmp4.3/12, M.L.5/2, M.S.5/10, Error ellipse: s-maj=23.4km s-min=15.7km az=73.0

NEIC 29:10:09.51.7.1.6, 10.67Sx09.161.6E.0.1, h23km, 5km, mb4.7/20, Error ellipse: s-maj=17.4km s-min=9.3km

ISC 29:10:09:53.2.0.5, 10.68Sx07.161.70E.0.09, h35km, n54, r1545/46, mb4.5/19, M.S.3/9, Bougainville-Solomon

IDC 29:10:12:25.8.1.9.5:19S; 151.31E, h166km, 15km, mb3.6/15, mbmp4.1/16, Error ellipse: s-maj=22.7km s-min=11.0km az=120.0

NEIC 29:10:12:26.3.1.1.5:11S; 0.08:151.37E:0.10, h170km, 7km, mb4.2/13, Error ellipse: s-maj=13.8km s-min=11.8km az=83.0

ISC 29:10:12:24.6.0.6.5:18S; 0.08:151.34E:0.09, h150km, n37, r1538/40, mb4.0/17, New Britain region

Table of satellite data for the 1440 section, listing station names, codes, and various parameters like elevation and azimuth.

Table of astronomical observations for 29 Dec 11h. Columns include call sign (e.g., LOT, GRA2), name, frequency, polarization, and other parameters.

Table of astronomical observations for 2020 Dec. Columns include call sign (e.g., CLL, CLLL), name, frequency, polarization, and other parameters.

Table of astronomical observations for 1444. Columns include call sign (e.g., PLOR, PLOR), name, frequency, polarization, and other parameters.

Table with columns for station ID, name, frequency, and other parameters. Rows include stations like BUG Bochum-Univer, BD01 Bergheim Laure, ALN Alexandroupoli, etc.

Table with columns for station ID, name, frequency, and other parameters. Rows include stations like AKASG Malin Array Be, AKASG Malin Array Si, AKASG Malin Array B, etc.

Table with columns for station ID, name, frequency, and other parameters. Rows include stations like TAVA DENIZLI Tavass, CKHR Kef el Ahmar, OVD Ostrerrava, Den, etc.

29d 11h

Table with columns: Station, Location, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like OSL Oslo, AAL Zland, ANN Anapa, etc.

2020 DEC

Table with columns: Station, Location, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like ASK Askoy, GALICH Y GORA Galich ya Gora, LPSR LPSR, etc.

1446

Table with columns: Station, Location, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like VRRH comp=N,25um,8.2s, VRRH comp=N,25um,8.2s, VRRH comp=N,25um,8.2s, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like PVAQ Vaqueiros, NCK SLTI, and RAUS Rausandaksla.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like HRFI Mount Harif, GNI Gani, and HAMF Hammerfest.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like PMPs Porto Santo, AKTO Aktyubinsk, and RAUS Rausandaksla.

29d 11h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=8.2, SNR=48). Includes stations like HOR, CEED, CALA, TOR, etc.

2020 DEC

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SFJD, Kangerlussuaq, IAMS_20, etc.

1448

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SHAO, SHALIM, TNS, etc.

1451

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., x, P, M, L, S, Smax, Smin, Mmax, Mmin, Lmax, Lmin, Smax, Smin, Mmax, Mmin, Lmax, Lmin).

2020 DEC

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., M, L, S, Smax, Smin, Mmax, Mmin, Lmax, Lmin).

29d 11h

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_25, IAMS_30, IAMS_35, IAMS_40, IAMS_45, IAMS_50, IAMS_55, IAMS_60, IAMS_65, IAMS_70, IAMS_75, IAMS_80, IAMS_85, IAMS_90, IAMS_95).

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like HKC, PDAR, D08A, GUA01, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SPUT, BSFB, SJBMB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like OCAC, J05D, BDFB, etc.

29d 11h

Table with columns: Station, Frequency, Power, Class, and Time. Includes stations like 003E, MNTX, DBBC, HELC, YERR, UPD2, ROSC, etc.

2020 DEC

Table with columns: Station, Frequency, Power, Class, and Time. Includes stations like PETO1, LCR2, PFO, PFO, PFO, PFO, PFO, etc.

1454

Table with columns: Station, Frequency, Power, Class, and Time. Includes stations like PB02, PB07, PB03, PB06, PB05, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like XMAS Kiritimati, HNR Honiara, HTT Hallett, etc.

IDC 29 11:23:45.1±0.8,45°14'N,16°19'E,h0km,mb4.4/10, mbmp4.5/14,ML4.3/4, Error ellipse: s-maj=17.4km s-min=13.1km az=48.0

NEIC 29 11:23:48.2±1.9,45°30'N,0°05'.16'E,24E,0.04,h10km,1km, mb4.9/10,ML4.7/10(VIE), Error ellipse: s-maj=9.0km s-min=3.3km az=152.0

RHSSO 29 11:23:48.1±0.7,45°51'N,16°28'E,h6km,2km,ML4.5/4 VIE 29 11:23:48.0±0.6,45°52'N,16°14'E,h10km,ml4.7/10, Error ellipse: s-maj=5.5km s-min=2.6km az=176.0 14 km NW of Petrinja

BEO 29 11:23:49.8±0.2,45°31'N,15°59'E,h0km,ML4.7/4 PRU 29 11:23:51.0,45°77'N,16°27'E,h1km,ML4.9 Error ellipse: s-maj=5.5km s-min=2.6km az=176.0 14 km NW of Petrinja

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like KJUV Kijevo, OBKA Obir, MORH Mirgy, Hungary, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like BOSA Boshof, KSRs Korea Array, BOAV Boa Vista, etc.

29d 11h

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes KRUC Moravsky and VRAC Vranov.

THE 29 11:34:21.3, 42°N, 7°22'E, h3km, 6km, M3.1/6, ML3.1/6, Northwestern Balkan Peninsula

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like KKB Krupnik, GRG Griva, MMB Musomishta, etc.

AFAD 29 11:35:40.6, 37°89'N, 26°64'E, h7km, 2km, ML2.6, ISK 29 11:35:42.0, 37°94'N, 26°78'E, h2km, ML 1.97

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like GMLD Gumuldur, BEYE izmir, BEYE izmir, etc.

PRU 29 11:37:26.9, 45°65'N, 16°33'E, h1km, VIE 29 11:37:27.1, 45°55'N, 16°20'E, h10km, mb3.5/5

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like ZAG Zagreb, MOSL Moslavina, PUNT Puntijarka, etc.

2020 DEC

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes ZVLC MORC Moravsky Berou.

VIE 29 11:40:43.5, 0.9, 45°47'N, 16°18'E, h10km, mb3.2/6, m3.2/18, Error ellipse: s-maj=7.5km s-min=3.8km

az=173.0, 8 km NNW of Petrinja

RHSSO 29 11:40:45.5, 0.7, 45°48'N, 16°22'E, h5km, 2km, ML3.3/5

PRU 29 11:40:45.6, 45°68'N, 16°22'E, h1km

ISC 29 11:40:42.4, 1.0, 45°45'N, 0°02:16'24E, h9km, 8km, n70, c1818/123, Northwestern Balkan Peninsula

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like MOSL Moslavina, ZAG Zagreb, PUNT Puntijarka, etc.

1456

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes CKRC Wattenberg, WTTA Wattenberg.

WTTA Wattenberg 3.66 301 ePn Pn 11 42 21.1 -0.2

WATA Walderalm 3.73 302 i Pn Pn 11 41 42.1 +1.9

VRAC Vranov 3.87 3 ePn Sn 11 41 42.4 +0.5

SQTA Sankt Quirin 3.91 299 i ePn Sn 11 42 25.0 -2.4

MOTA Moosalm 4.02 300 i Pn Pn 11 41 45.7 +1.5

KHC Kasperske Hory 4.10 335 ePn Pn 11 41 46.2 +1.0

KHC Zvikov 4.22 342 ePn Sn 11 41 48.1 +1.3

MORC Moravsky Berou 4.42 11 ePn Pn 11 41 50.7 +1.2

DPC Dobruska-Polom 4.90 1 ePn Sn 11 42 39.6 -1.4

UPC Ujpec 5.06 358 ePn Pn 11 41 59.9 +1.6

NKC Novy Kostel 5.42 333 ePn Pn 11 42 04.2 +0.9

HSKC Hora Svate Kat 5.49 341 ePn Pn 11 43 04.3 -3.1

BRG Berggieshubel 5.64 345 Pn Pn 11 42 06.7 +0.4

BRG Brno 5.64 345 Sg Sg 11 43 44.9 +1.7

comp=Z,4.7nm,0.5s Amp 11 43 50.8

RHSSO 29 11:43:22.6, 0.7, 45°34'N, 16°24'E, h7km, 2km, ML3.3/4

VIE 29 11:43:24.1, 1.3, 45°56'N, 16°27'E, h10km, mb3.0/3, ml3.1/9

Error ellipse: s-maj=10.5km s-min=4.8km az=178.0 12

PRU 29 11:43:24.4, 45°57'N, 16°34'E, h10km

ISC 29 11:43:21.7, 1.0, 45°41'N, 0°02:16'23E, h11km, 9km, n49, c1907/83, Northwestern Balkan Peninsula

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like MOSL Moslavina, ZAG Zagreb, PUNT Puntijarka, etc.

Table with columns: LANU, Lannavaara, 0.62 45 PG, Pg, 11 45 37.4 -0.1, etc. Includes stations like LANU, KOVU, SALMI, NIKU, SALU, PAJU, PAJUJ, etc.

Table with columns: GOL, Golise, 0.70 324 i/Sg, Sg, 11 49 45.1 -4.2, etc. Includes stations like GOL, GOL, KALN, KALN, KALN, etc.

Table with columns: CRES, Cresnjevec Ost, 0.61 306 i/Sg, Sg, 11 53 51.3 +0.2, etc. Includes stations like CRES, CRES, BOJS, BOJANSKI, etc.

VIE 29 11:45:52.2.1.1, 45:39N; 16:13E, h10km, mb2.6/1, mI2.8/5, Error ellipse: s-maj=8.6km s-min=6.3km az=10.0 13 km WSW of Petrinja

RHSSO 29 11:45:53.6.0.7, 45:40N; 16:30E, h7km, 2km, ML2.9/5 PRU 29 11:45:56.5, 45:38N; 16:42E, h10km, mb2.6/1, mI2.8/5

ISC 29 11:45:50.1.1.0, 45:39N; 02:16.27E, 0.02, h15km, gkm, n27, r145/45, 2C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like MOSL, Zagreb, PTJ, Ozalj, etc.

Table with columns: MORI, Morici, 1.62 193 ePn, Pn, 11 49 56.8 +0.8, etc. Includes stations like MORI, MORI, DUGI, etc.

Table with columns: MYKA, Terra Mystica, 2.09 160 i/Pn, Pn, 11 54 07.1 +0.6, etc. Includes stations like MYKA, MYKA, RONA, etc.

KRSZO 29 11:47:16.2.2.2, 45:46N; 15:43E, h0km, 4km, ML3.7/15, Error ellipse: s-maj=23.8km s-min=12.6km az=60.0

VIE 29 11:49:22.7.0.6, 45:54N; 16:11E, h10km, mb2.6/6, mI3.0/9, Error ellipse: s-maj=4.6km s-min=2.4km az=171.0 17 km NW of Petrinja

RHSSO 29 11:49:28.8.0.7, 45:38N; 16:29E, h9km, 2km, ML3.2/7 PRU 29 11:49:29.9, 45:50N; 16:22E, h10km, mb2.6/1, mI2.8/5

ISC 29 11:49:26.8.1.1, 45:45N; 02:16.21E, 0.03, h7km, gkm, n88, r28/17/69, Northwestern Balkan Peninsula

Table with columns: ZAG, Zagreb, 0.41 337 i/Pg, Pg, 11 49 29.9 -4.9, etc. Includes stations like ZAG, ZAG, MOSL, etc.

Table with columns: ZAG, Zagreb, 0.38 341 Op, Pn, 11 53 40.0 +0.3, etc. Includes stations like ZAG, ZAG, MOSL, etc.

Table with columns: CRES, Cresnjevec Ost, 0.64 307 i/Pg, Pg, 11 55 04.2 +0.3, etc. Includes stations like CRES, CRES, BOJS, etc.

29d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UDBI Udbina, GBRG Gornja Briga, BLY Banja Luka, etc.

RHSSO 29 11:58:08.3-0.8, 45:38N-16:12E, h5km,2km, ML3.0/5
BEO 29 11:58:08.0-0.4, 45:45N-16:21E, h9km,5km, ML3.0/3
VIE 29 11:58:09.6-0.8, 45:53N-16:20E, h10km, mb2.8/9,
m3.1/11, Error ellipse: s-maj=6.3km s-min=3.5km
az=170.0 12 km NNW of Petrinja

PRU 29 11:58:07.8-1.1, 45:45N-16:29E, h10km
ISC 29 11:58:07.8-1.1, 45:45N-16:25E, 0.02, h7km,9gkm,
n81, r1900/131, 2C-1D, Northwestern Balkan Peninsula

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

2020 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RABC Rijeka, CEY Cerknica, NWLJ Novalja, etc.

IDC 29 11:59:45.4-1.3, 2:81N-125:99E, h0km, mb3.6/6,
mbmp3.6/6, Error ellipse: s-maj=113.3km s-min=18.9km
az=67.0

ISC 29 11:59:54.4-1.4, 2:8N, 0.3, 126:1E-0:6, h72km, n6, e070/7,
mb3.75, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 29 12:00:08.6-1.0, 45:52N-16:19E, h0km, mb3.5/7,
mbmp3.6/14, ML3.7/6, Error ellipse: s-maj=14.4km
s-min=1.1, 5km az=24.0

1458

PDG 29 12:00:11.1-0.8, 45:38N-15:97E, h24km,2km, ML3.7/10,
Error ellipse: s-maj=1.2km s-min=1.7km az=0.0
ISC 29 12:00:08.2-1.0, 45:42N-0.01-16:20E, 0.01, h5km,7km,
n230, r1600/314, mb3.7/7, 8C-12D, Northwestern Balkan Peninsula

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

Table of astronomical observations for 2020 DEC, columns include station name, time, position, and observer.

Table of astronomical observations for 2020 DEC, columns include station name, time, position, and observer.

Table of astronomical observations for 2020 DEC, columns include station name, time, position, and observer.

VIE 29 12:05:02.9-0.6, 45:48N x 16:15E, h10km, mb2.6/6, m2.5/11, m2.4/11, Error ellipse: s-maj=4.5km

RHSSO 29 12:05:02.0-0.9, 45:43N; 16:13E, h8km, 3km, ML2.4/4

PRU 29 12:05:02.1-1.0, 45:46N; 02:16:18E, h10km, 9km, n35, r10/63, Northwestern Balkan Peninsula

Table of astronomical observations for 2020 DEC, columns include station name, time, position, and observer.

IDC 29 12:07:10.8-1.7, 2:63S; 128:10E, h0km, mb3.2/2, mbmt3.3/4, ML3.2/2, Error ellipse: s-maj=34.3km

s-min=26.3km az=100.0, Ceram Sea

Table of astronomical observations for 2020 DEC, columns include station name, time, position, and observer.

RHSSO 29 12:08:35.8-0.8, 45:44N x 16:16E, h4km, 2km, ML2.8/6

PRU 29 12:08:36.3-0.5, 45:51N; 16:13E, h10km

VIE 29 12:08:36.3-0.5, 45:54N; 16:16E, h10km, mb2.5/12, m2.7/17, m2.6/17, Error ellipse: s-maj=4.4km

s-min=2.0km az=4.0, 14 km NW of Petrinja

ISC 29 12:08:34.3-1.1, 45:49N; 02:16:18E, h5km, 9km, n35, r10/95, ID, Northwestern Balkan Peninsula

Table of astronomical observations for 2020 DEC, columns include station name, time, position, and observer.

29d 12h

Table with columns: BOJS, BOJanci, 0.64 271, iPg, Pb, 12 08 47.4 -0.4, NVLJ, Novolja, 1.30 229, Sg, Sb, 12 11 45.8 +0.9, ENA, EAHA, Aohua, 0.09 228, iS, Sg, 12 13 52.4 +0.5

RHSSO 29 12:11:04.5-1.0, 45.38N; 16.29E, h7km, 3km, ML2.3/4
VIE 29 12:11:04.2-0.8, 45.45N; 16.26E, h10km, m02.4/8, m1.2, s1/4, m2.5/14, Error ellipse: s-major=5.8km

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, MOSL, Moslavina, 0.40 61, iPg, Sg, 12 11 11.1 -0.2, MORI, Mori, 1.66 191, ePn, Pb, 12 09 25.9 -0.5

2020 DEC

Table with columns: NVLJ, Novolja, 1.30 229, Sg, Sb, 12 11 45.8 +0.9, SOKA, Soboth, 1.52 326, Pn, Pn, 12 11 30.6 -0.4, SOKA, 7.3nm, 0.2s, Sn, Sn, 12 11 50.3 -0.6

THE 29 12:12:38.2, 38.4N; 0.4-22.0E; 0.5, h9km, M1.8/10, ML1.8/10
ATH 29 12:12:38.1, 38.40N; 22.00E, h8km, 1km, ML1.7/14, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, PYRG, Pyrgos, Dorida, 0.02 43, Op, P, P, 12 12 39.8 +0.1, PYRG, Pyrgos, Dorida, 0.02 43, Op, P, P, 12 12 41.2 +0.3

1460

Table with columns: ENA, EAHA, Aohua, 0.09 228, iS, Sg, 12 13 52.4 +0.5, EAHA, Aohua, 0.09 228, iS, Sg, 12 13 52.4 +0.5, EAHA, Aohua, 0.09 228, iS, Sg, 12 13 52.4 +0.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table listing stations in the MATB region, including Ma-tsu, Lienchiang, Houxiangcun, Nanwan, and others.

RHSSO 29 12:15:34.0, 0.9, 45.38N, 16.28E, h8km, 3km, ML2.4/4
VIE 29 12:15:34.6, 0.6, 45.48N, 16.25E, h10km, mb2.5/10,
mL2.6/13, mL2.5/13, Error ellipse: s-maj=5.0km
s-min=2.2km az=4.0 5 km NNW of Petrinja

Main table listing stations in the Northwestern Balkan Peninsula region, including Moslavina, Zagreb, Puntijarka, and many others.

Table listing stations in the MG00 region, including Kalithea, Efpalio, AgiosGiorgios, and others.

PRU 29 12:15:35.6, 45.51N, 16.19E, h10km
ISC 29 12:15:33.3, 1.1, 45.43N, 16.26E, 0.02, h7km, 9km,
n44, c094/42, 1C-1D, Northwestern Balkan Peninsula

Table listing stations in the Balkan Peninsula region, including Anx, Patra C, Agrabidokambos, and many others.

IDC 29 12:19:07.6, 2.7, 15S, 129.27E, h0km, mb3.2/1,
mbmt3.0/3, ML3.0/2, Error ellipse: s-maj=146.6km
s-min=26.2km az=66.0, Banda Sea

Table listing stations in the WRR region, including Warramunga Arr, Makanchi Array, and others.

PRU 29 12:20:02.8, 45.08N, 16.75E, h1km, Northwestern
Balkan Peninsula

Table listing stations in the FRGS region, including Fruska Gora, Alland / Wiene, and others.

THE 29 12:17:57.8, 38.4N, 0.5, 22.0E, 0.6, h9km, 1km, M1.9/11,
ML1.9/11
ATH 29 12:17:57.1, 38.38N, 22.02E, h13km, ML1.8/6, Latitude
uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Table listing stations in the PYRG region, including Pyrgos, Dorida, and others.

29d 12h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KVC, KRCW, SKC, etc.

WBNET 29 12:21:55.8, 50.272N, 12.44E, h10km, MI0.2, 4C-6D, Germany

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LBCW, NBKW, NKC, etc.

VIE 29 12:25:43.4, 0.5, 45.44N, 16.23E, h10km, mb2.6/12, m12.6/18, m12.6/18, Error ellipse: s-maj=4.0km

RHSSO 29 12:25:43.8, 0.9, 45.36N, 16.17E, h6km, 3km, ML2.5/4
PFU 29 12:25:45.7, 45.18N, 16.29E, h10km
ISC 29 12:25:43.1, 0.45, 44N, 0.02, 16.20E, 0.02, h7km, 9km, m62, u080/104, 3C, Northwestern Balkan Peninsula

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ZAG, MOSL, PTJ, etc.

2020 DEC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KBA, WINA, MOA, etc.

NOU 29 12:29:21.3, 38.12S, 176.25E, h217km, MLV3.9/16, North Island, New Zealand
WEL 29 12:29:24.0, 0.8, 38.12S, 176.25E, h181km, 6km, M3, 3/35, ML2.2/6, MLV3.1/35, Error ellipse: s-maj=6.2km

ISC 29 12:29:18.2, 1.9, 37.87S, 0.06, 176.20E, 0.05, h226km, 10km, n171, u187/186, North Island

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TGRZ, KAHZ, etc.

1462

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ETVZ, WTVZ, etc.

ROM 29 12:34:42.4, 0.2, 45.328N, 0.007, 16.217E, 0.008, h12km, 1km, ML4.3/134, Error ellipse: s-maj=0.9km

PDG 29 12:34:42.7, 0.4, 45.42N, 16.17E, h5km, 2km, ML4.3/12, Error ellipse: s-maj=3.3km s-min=1.9km az=30.0

IDC 29 12:34:42.0, 0.5, 45.36N, 16.19E, h0km, mb4.1/23, mbmp4.0/36, ML3.7/13, Error ellipse: s-maj=9.5km s-min=7.2km az=25.0

NEIC 29 12:34:43.5, 1.0, 45.45N, 0.03, 16.20E, 0.06, h10km, 1km, mb4.4/20, Error ellipse: s-maj=8.3km s-min=4.1km az=236.0

BEO 29 12:34:43.0, 0.4, 45.49N, 16.22E, h8km, 5km, ML4.1/9

KRSZO 29 12:34:43.1, 1.4, 45.41N, 16.15E, h5km, 12km, ML4.6/44, Error ellipse: s-maj=12.1km s-min=5.8km az=31.0

GFZ 29 12:34:43.7, 0.1, 45.1N, 16.17E, h10km, M4.5/23, mb4.6/23, Error ellipse: s-maj=3.5km s-min=2.3km az=39.3, confirmed

29d 12h

Table with columns for station name, frequency, and other technical details. Includes stations like NRCA, HCY, BANR, etc.

2020 DEC

Table with columns for station name, frequency, and other technical details. Includes stations like ULC, POFI, BCI, etc.

1464

Table with columns for station name, frequency, and other technical details. Includes stations like SLE, STU, SULZ, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, I, S, C. Includes stations like ZALV, TARG, PDGK, MKAR, etc.

DJA 29 12:40:18.6:0.3,0.3,0.3,12.3E, h100km,7km, M4,2/27, mb4,3/7, MLV4,1/27

ICD 29 12:40:19.5:5.4,0.2,1'S:122.87E, h141km,5.5km, mb3,3/8, mbmp3,8/10, Error ellipse: s-maj=49.8km s-min=13.8km az=58.0

ISC 29 12:40:16.2:0.7,0.15S:0.05E:123.03E:0.06, h100km, n22, e241/24, mb3.7/8, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, I, S, C. Includes stations like GTOI, LUWI, KMSI, etc.

KRSZO 29 12:43:12.7:1.2,4.5,39N:16.17E, h5km, 12km, ML3.8/53, Error ellipse: s-maj=10.7km s-min=5.5km az=28.0

VIE 29 12:43:13.3:0.3,0.3,45.44N:16.22E, h10km, mb3,0/21, m3,4/23, ml3,3/23, Error ellipse: s-maj=2.5km s-min=1.3km az=179.0 km W of Petrinja

GFZ 29 12:43:13.0:0.2,4.5,39N:16.17E, h10km, M3.7/16, mb4,0/7, MLV3.5/16, Error ellipse: s-maj=5.9km s-min=4.4km az=28.4, confirmed

BEO 29 12:43:13.6:0.3,4.5,37N:16.16E, h19km,4km, ML3,4/7 RHSSO 29 12:43:13.5:0.4,4.5,39N:16.23E, h9km,2km, ML3,6/10

ICD 29 12:43:14.2:2.5,4.5,68N:16.41E, h0km, mb3,0/1, mbmp3,6/4, ML3,3/3, Error ellipse: s-maj=26.9km s-min=21.7km az=80.0

PRU 29 12:43:15.9,45.68N,16.23E, h1km ISC 29 12:43:12.8:1.0,4.5,42N:0.01:16.22E:0.01, h12km, gkm, n243, e1908/338, 14C-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, I, S, C. Includes stations like MOSL, ZAG, ZAG, etc.

KLUV Kijevo 1.42 175 ePn P 12 43 39.0 +0.3 KLJV Kijevo 1.42 175 P P 12 43 38.8 -0.4

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, I, S, C. Includes stations like KOVH, A265A, MOZS, etc.

MOA Molin 2.78 332 P AML Pn 12 43 58.9 +1.7 SRO Srobarova 2.80 30 Pn Pn 12 43 58.0 +0.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MOA, CABF, ORIS, etc.

Table for PRU 29 13:03:34.6, 50.16N, 19.30E, h0km, Poland. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for WBNET 29 13:04:23.7, 50.27N, 12.44E, h10km, MI0.3, 6C-5D, Germany. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for ROM 29 13:07:03.8, 0.1, 43.485N, 0.003, 12.705E, 0.004, h14km, ML1.4/10, Error ellipse: s-maj=0.3km. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for ATSC 29 13:07:03.8, 0.1, 43.485N, 0.003, 12.705E, 0.004, h14km, ML1.4/10, Error ellipse: s-maj=0.2km az=22.0, Central Italy. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for TB01, TB01, ATPI, ATPI, MURB, Monte Urbino. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for VIE 29 13:09:10.2, 0.6, 45.42N, 16.29E, h10km, mb2.5/15, m2.6/21, m2.6/21, Error ellipse: s-maj=5.2km. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for MOSL, Moslavina, MZOS, Zagreb, PTJ, Puntijarka, OZLJ, Ozalj, GCIS, Gornji Cirkni, KALN, Kalnik, PLIT, Plitvice, CRES, Cresnjevec Ost, BOJ, Bojanci, LOBO, Labor, GOLS, Golise, BLY, Banja Luka, DOBS, Dobrina, UDBI, Udbina, KOGS, Kog. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for BEHE, Becehely, RAB, Rab, RIV, Rijeka, NVLJ, Novalja, KJV, Kijevo, SOKA, Soboth, MORI, Morici, OBKA, Obir, DUGI, Dugi Otok, MORH, Mrgy, Hungary, ARSA, Arzberg, RIC, Ricice, SESA, Seetaler Alpe, MAK, Makarska, HVAR, Hvar, MYKA, Terra Mystica, RONA, Rosalia, Austr, TEKS, Tekeris, FRGS, Fruska Gora, CONA, Conrad Observa, WINA, Alland / Wiene, MOA, Mollin, MOA, Mollin, ABTA, Abfalbersbach, LESA, Schwarzeleotal, ABNA, Allenstein Bun, VYHS, Vyhne, KRUC, Moravsky, KRCV, Cesky Krumlov, WTTA, Wattenberg, WRAC, Vranov, MOTA, Moosal, KHC, Kasperske Hory, FETA, Feichten, ZVC, Zvikov. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for KBA, Koelnbreinsrg, BBLS, Lazia, WINA, Alland / Wiene, WINA, Alland / Wiene, MOA, Mollin, MOA, Mollin, ABTA, Abfalbersbach, LESA, Schwarzeleotal, ABNA, Allenstein Bun, VYHS, Vyhne, KRUC, Moravsky, KRCV, Cesky Krumlov, WTTA, Wattenberg, WRAC, Vranov, MOTA, Moosal, KHC, Kasperske Hory, FETA, Feichten, ZVC, Zvikov. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for ZVC, Reutte, RETA, MORC, Moravsky Berou. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

RHSSO 29 13:16:03.2, 0.7, 45.47N, 16.27E, h10km, mb2.5/12, m2.4/15, m2.4/15, Error ellipse: s-maj=5.5km. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for MOSL, Moslavina, ZAG, Zagreb, PTJ, Puntijarka, OZLJ, Ozalj, PLIT, Plitvice, KALN, Kalnik, LOBO, Labor, BLY, Banja Luka, UDBI, Udbina, BEHE, Becehely, RAB, Rab, NVLJ, Novalja, MORI, Morici, SOKA, Soboth, DUGI, Dugi Otok, OBKA, Obir, MORH, Mrgy, Hungary, RIC, Ricice, ARSA, Arzberg, MYKA, Terra Mystica, RONA, Rosalia, Austr, TEKS, Tekeris, FRGS, Fruska Gora, CONA, Conrad Observa, WINA, Alland / Wiene, MOA, Mollin, MOA, Mollin, ABTA, Abfalbersbach, LESA, Schwarzeleotal, ABNA, Allenstein Bun, VYHS, Vyhne, KRUC, Moravsky, KRCV, Cesky Krumlov, WTTA, Wattenberg, WRAC, Vranov, MOTA, Moosal, KHC, Kasperske Hory, FETA, Feichten, ZVC, Zvikov, MORC, Moravsky Berou. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

NOU 29 13:24:49.8, 22.17S, 170.63E, h24km, ML4.4/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for MARNC, Mare, Loyalty, INH, Isangel, PINNC, Pines Island, YATNC, Mammie plateau, NOUC, Port Laguerre, KOUNC, Koumac, New Ca. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

IDC 29 13:26:38.3, 3.5, 56.09N, 114.36E, h0km, mb3.1/1, mbmp3.1/3, ML3.2/2, Error ellipse: s-maj=35.9km. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

BYKL 29 13:26:42.0, 0.1, 56.14N, 114.06E, h14km, 2km, ISC 29 13:26:40.4, 0.7, 56.09N, 0.003, 114.21E, 0.02, h10km, n23, c29/046, 1C-2D, East of Lake Baykal. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for SVKR, Severomuyksk, SVKR, 868nm, 0.1s, SVKR, 5um, 0.1s, UKT, Ukait, UKT, 125nm, 0.2s, UKT, 619nm, 0.2s, NLYR, Neiyaty, NLYR, 164nm, 0.3s, NLYR, 375nm, 0.2s, YOAB, Uoyan, Buryati, YOAB, 175nm, 0.3s, YOAB, 866nm, 0.2s, KMO, Kumora, KMO, 156nm, 0.2s, KMO, 349nm, 0.4s. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

29d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOD Bodaibo, MORI Morici, DUGI Dugi Otok, etc.

KRSZO 29 13:27:17.8±1.4, 45:39N±16:16E, h4km, 14km, ML3.2/20, Error ellipse: s-maj=11.8km s-min=6.3km az=40.0

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

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OBKA Obir, MORI Morici, DUGI Dugi Otok, etc.

THE 29 13:29:34.9, 38°4'N, 22°0'E, 0.4, h7km, M1.4/5, ML1.4/5, Greece

RHSSO 29 13:36:35.7±0.9, 45:37N±16:23E, h6km, 3km, ML2.5/5, Error ellipse: s-maj=6.0km s-min=2.8km az=6.0 4 km W of Petrinja

1470

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

29d 14h

mb4.3/7, Error ellipse: s-maj=7.9km s-min=3.3km az=194.0

ISC 29 13:58:11.1-0.7,38.39N,0.01-22.02E,0.01,h8km,3km, n120,0.083/166,mb3.9/8,Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Pyrgos, Serghoula, Trizonia, etc.

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Table with columns: TSLK, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Tsoukalades, Pessada-Kefalo, Dragano-Lefkad, etc.

VIE 29 14:17:51.5-0.9,45:42N,16:18E, h10km, mb2.3/4, ml2.6/5, Error ellipse: s-maj=5.8km s-min=4.6km az=170.0 8 km

RHSSO 29 14:17:55.0,9,45:44N,16:21E, h5km,3km, ML2.3/4 PRU 29 14:17:55.9,45:76N,16:20E, h1km

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Zagreb, Moslavina, Puntijarka, etc.

1472

Table with columns: MORH, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Mrgy, Ricice, Terra Mystica, etc.

THE 29 14:19:25.9,38:4N,0:5-22:0E,0:5,h8km,1km, M1.7/10, MLh1.7/10, Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Serghoula, Kalithea, Efpalio, etc.

VIE 29 14:19:30.3-0.9,45:47N,16:12E, h10km, mb2.5/1, ml2.5/5, Error ellipse: s-maj=6.7km s-min=4.8km az=172.0 12 km

RHSSO 29 14:19:32.0,9,45:44N,16:29E, h6km,3km, ML2.2/4 PRU 29 14:19:34.4,45:81N,16:15E, h1km

ISC 29 14:19:29.5-1.1,45:47N,0:02-16:22E,0:03,h14km,10km, n30,0.17/49,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Zagreb, Moslavina, Puntijarka, etc.

VIE 29 14:20:54.3-1.2,45:49N,16:15E, h10km, mb2.6/3, ml2.9/6, Error ellipse: s-maj=8.4km s-min=5.7km az=159.0 11 km

RHSSO 29 14:20:55.7,0,9,45:39N,16:25E, h5km,3km, ML2.5/4 PRU 29 14:20:57.6,45:76N,16:22E, h1km

ISC 29 14:20:53.1-1.0,45:41N,0:02-16:26E,0:02,h15km,8km, n41,0.104/73,3C,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Moslavina, Zagreb, Puntijarka, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KALN Kalnik, GOLSE Golise, LOBO Lobar, etc.

VIE 29 14:27:41.5±1.5, 45°41'N, 16°15'E, h10km, mb2.3/2, m2.6/3, Error ellipse: s-maj=9.5km s-min=8.3km az=177.0° 11 km WSW of Petrinja

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like MOSL Moslavina, ZAG Zagreb, PTJL Puntijarka, etc.

OSPL 29 14:30:03.3±2.0, 19°16'N, 69°68'W, h90km±11km, ML2.7, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like PB06 IPOC Station P, PB09 IPOC Station P, etc.

ISK 29 14:36:29.9, 37°9'2N, 27°55'E, h16km±2km, ML1.8/4, AFAD 29 14:36:30.4, 37°8'2N, 27°58'E, h7km±2km, ML1.3, Turkey

Table with columns for station name, frequency, and other technical details. Includes stations like SLE, MBDF, Pioggiola, Bardonecchia, Soboth, Dugi Otok, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like WINA, Grafenberg Arr, Saint-Julien-I, Zvikov, Makarska, Lastovo, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like BRG, UPM, STEINBACH, TEKS, HCY, BBLB, etc.

29d 14h

Table with columns for station name, elevation (eSS), status (SnSn), and various data points. Includes stations like BOVS, SRRR, MFF, etc.

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Table with columns for station name, elevation (eSS), status (SnSn), and various data points. Includes stations like YEREM, KIV, SHA1, etc.

1476

Table with columns for station name, elevation (eSS), status (SnSn), and various data points. Includes stations like E29M, F31M, EPLD, etc.

THE 29.14:37:17.2,38:40:05:22:0E:05,h8km,1km,M1,6/G,MLH1,6/Greece

Table with columns for Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Includes stations like SERG, SERG, KALE, etc.

THE 29 14:37:38.7,38°N,3°22'0E,0.8,h7km,1km,M1.6/4, MLh1.6/4,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SERG, KALE, Efpalio, Ano Chora.

IDC 29 14:39:00.7,1.9,14.69Sx170.27W,h0km,mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=46.3km s-min=27.9km az=24.0,Samoa Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, H119, H11S2, H11S3, H11S1, H11N3, H11N1, H11N2.

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

ATH 29 14:48:48.8,38°38'N,22°03'E,h8km,1km,ML0.8/2, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KALE, Efpalio, Lakka, VVK, ANX.

PRU 29 14:49:12.1,50°29'N,12°44'E,h10km,West Bohemia Swarm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBCW, NKNC, POCV, STCW, VAC, KRCW, KVC, SKC, KOCW, TRCW, ZHC, LACW, HSKC, BRG.

WBNET 29 14:49:12.8,50°27'N,12°44'E,h10km,M10.8,6C-6D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBCW, NKNC, POCV, STCW, VAC, KRCW, KVC, SKC, KOCW, TRCW, ZHC, LACW, HSKC, BRG.

WBNET 29 14:49:15.1,50°27'N,12°44'E,h10km,M11.1,3C-7D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBCW, NKNC, POCV, STCW, VAC, KRCW, KVC, SKC, KOCW, TRCW, ZHC, LACW, BRG.

THE 29 14:51:18.0,38°4N,0°5'22'E,0.7,h4km,1km,M1.8/4, MLh1.8/4,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SERG, EFP, KALE, ANX, KLV.

DRO Drossia 0.50 209 P Pg 14 51 27.6 +0.1 S Sg 14 51 34.7 +0.8

WBNET 29 14:54:10.7,50°27'N,12°44'E,h10km,M10.2,5C-6D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBCW, NKNC, VAC, POCV, STCW, KVC, KRCW, SKC, KOCW, TRCW, ZHC, LACW.

THE 29 14:54:22.1,38°4N,0°5'22'E,0.5,h7km,1km,M2.0/6, MLh2.0/6

ATH 29 14:54:21.8,38°39'N,22°04'E,h8km,1km,ML1.9/13, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SERG, KALE, KRCW, SKC, KOCW, TRCW, ZHC, LACW, YKA, WRA, ASAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANX, AGRP, KLV, PLEV, DRO, GOURA, ARAXOS, EVR, PDR, PDO.

WBNET 29 14:54:25.7,50°27'N,12°44'E,h10km,M10.3,5C-6D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBCW, NKNC, POCV, STCW, VAC, KRCW, KVC, SKC, KOCW, TRCW, ZHC.

WBNET 29 14:57:57.7,50°27'N,12°44'E,h10km,M10.1,5C-6D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBCW, NKNC, POCV, STCW, KVC, KRCW, SKC, KOCW, TRCW.

ZHC Zelena Hora 0.22 203 P Pg 14 52 03.2 0.0 S Sg 14 58 02.3 0.0

AUST 29 14:59:06.5,0.3,24°S,3°11'5E,h10km,mb4.0/12, ML3.4/11, Error ellipse: s-maj=6.3km s-min=5.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CVOQZ, GIRL, MEK, MEEK, MORW, MBWA, BCN, BCON, BLDU, KORDA, NWAC, KMBL, ONGER, RKG, FITZ, WRKA, FORT, KNRA, MULG, OOD, BBOO, LCRK, YAPP, QIS, RIZ, RAO.

THE 29 15:00:16.1,38°4N,0°6'22'E,0.7,h6km,1km,M2.5/15, MLh2.5/15

ATH 29 15:00:16.1,38°4N,22°02'E,h6km,ML2.3/23, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PYRG, TRIZ, MG00, EFP, KALE, KALE, KALE, AGEO, LAKA, VVK, RIOA, ANX, ANX, ANX, AGRP, PATC, PATC, PATB, KLV, KLV, DELPHI, PVO, PVO, PLEV, PLEV.

THE 29 15:00:16.1,38°4N,22°02'E,h6km,ML2.3/23, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km,Greece

ATH 29 15:00:16.1,38°4N,22°02'E,h6km,ML2.3/23, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PYRG, TRIZ, MG00, EFP, KALE, KALE, KALE, AGEO, LAKA, VVK, RIOA, ANX, ANX, ANX, AGRP, PATC, PATC, PATB, KLV, KLV, DELPHI, PVO, PVO, PLEV, PLEV.

29d 15h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLEV, DRO, DRO, DRO, DRO, GOURA, AXS, AXS, EVRYTANIA, EVRYTANIA, EVRYTANIA, THAL, THAL, THAL, PRODRAMOS, PRODRAMOS, PRODRAMOS, LOKRIS, LOKRIS, LOKRIS, AMPELAKI, AMPELAKI, AMPELAKI, LOUTRAKI, LOUTRAKI, LOUTRAKI, ACOR, ACOR, ACOR, RTZL, RTZL, RTZL, NYDRI, NYDRI, NYDRI, TETR, TETR, TETR, LK2, LK2, LK2, LK2, LK2, EPID, EPID, EPID, DRAG, DRAG, DRAG, THL, THL, THL, THL, THL, ITM, ITM, ITM, MET3, MET3, MET3, MET2, MET2, MET2, NEO, NEO, NEO, MET6, MET6, MET6, PRMD, PRMD, PRMD, VLY, VLY, VLY, DION, DION, DION.

IDC 29 15:01:26.71.1, 0.04N, 126.33E, h0km, mb3.5/5, mbtmp3.5/6, ML3.5/1, MS3.0/1, Error ellipse: s-maj=52.2km s-min=19.8km az=61.0

DJA 29 15:01:34.10.0, 0.02N, 126.33E, h34km, 11km, M3.7/18, MLv3.7/18

ISC 29 15:01:33.00.0, 0.11N, 126.67E, h0.4, h35km, n15, z=202/19, mb3.5/5, Northern Molle Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TATI, TATI, TATI, GAMI, GAMI, GAMI, SANI, SANI, SANI, MNI, MNI, MNI, MNI, MNI, KMSI, KMSI, KMSI, NLAJ, NLAJ, NLAJ, GTOI, GTOI, GTOI, LUWI, LUWI, LUWI, SIJI, SIJI, SIJI, WRA, WRA, WRA, ASAR, ASAR, ASAR, SONM, SONM, SONM, MKAR, MKAR, MKAR, KURBB, KURBB, KURBB.

VIE 29 15:04:09.1.1, 3.4543N, 16.20E, h10km, mb2.5/4, ml2.6/10, Error ellipse: s-maj=9.7km s-min=7.0km

PRU 29 15:04:11.3.4560N, 16.18E, h1km

RHSSO 29 15:04:11.20.9, 45.44N, 16.18E, h8km, 3km, ML2.4/4

ISC 29 15:04:09.7.0, 45.44N, 16.18E, h0.2, h10.8km, n47, z=95/83, 1C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAG, ZAG, ZAG, MOSL, MOSL, MOSL, PTJ, PTJ, PTJ, OZLJ, OZLJ, OZLJ, GORNI, GORNI, GORNI, CRES, CRES, CRES, BOJS, BOJS, BOJS, GOLS, GOLS, GOLS.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOL, GOL, GOL, PLIT, PLIT, PLIT, KALN, KALN, KALN, LOBO, LOBO, LOBO, LEGS, LEGS, LEGS, UDBI, UDBI, UDBI, GBR, GBR, GBR, BLY, BLY, BLY, KOGS, KOGS, KOGS, VISS, VISS, VISS, PDKS, PDKS, PDKS, BEHE, BEHE, BEHE, RIJE, RIJE, RIJE, RAB, RAB, RAB, NOV, NOV, NOV, KIJ, KIJ, KIJ, SOKA, SOKA, SOKA, OBKA, OBKA, OBKA, MORI, MORI, MORI, DUGI, DUGI, DUGI, ARS, ARS, ARS, MORH, MORH, MORH, SESA, SESA, SESA, RICA, RICA, RICA, MYKA, MYKA, MYKA, RONA, RONA, RONA, RONA, RONA, RONA, HVAR, HVAR, HVAR, CONA, CONA, CONA, TEKERIS, TEKERIS, TEKERIS, FRUSKA, FRUSKA, FRUSKA, WINA, WINA, WINA, MOA, MOA, MOA, MOA, MOA, MOA, BBSL, BBSL, BBSL, VYHNE, VYHNE, VYHNE, CKRC, CKRC, CKRC, KRUC, KRUC, KRUC, VRAC, VRAC, VRAC, KHC, KHC, KHC, ZVIC, ZVIC, ZVIC, MORC, MORC, MORC, NEIC, NEIC, NEIC, IDC, IDC, IDC, ISC, ISC, ISC.

NEIC 29 15:05:04.5.1, 25.0S, 0.1797E, h0.1, h550km, 10km, mb4.3/18, Error ellipse: s-maj=20.3km s-min=10.5km az=142.0

IDC 29 15:05:06.3.35.0, 24.53S, 179.46E, h563km, 294km, mb3.2/5, mbtmp4.2/5, Error ellipse: s-maj=294.9km

ISC 29 15:05:04.0.1, 25.0S, 0.1797E, h0.1, h550km, n27, z=677/29, mb4.1/12, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO, RAO, RAO, MARNC, MARNC, MARNC, RAZ, RAZ, RAZ, QRZ, QRZ, QRZ, INZ, INZ, INZ, MOZ, MOZ, MOZ, CTA, CTA, CTA, STKA, STKA, STKA, STKA, STKA, STKA, INKA, INKA, INKA, BBOO, BBOO, BBOO, ASAR, ASAR, ASAR, WRR, WRR, WRR, WBO, WBO, WBO, WRA, WRA, WRA, WRA, WRA, WRA, FORT, FORT, FORT, KNRA, KNRA, KNRA, SAUI, SAUI, SAUI, TRH, TRH, TRH, FITZ, FITZ, FITZ, FITZ, FITZ, FITZ.

1478

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORW, MORW, MORW, QSPA, QSPA, QSPA, BBJI, BBJI, BBJI, MOSL, MOSL, MOSL, ZAG, ZAG, ZAG, PUNTIJARKA, PUNTIJARKA, PUNTIJARKA, OZLJ, OZLJ, OZLJ, KALN, KALN, KALN, PLIT, PLIT, PLIT, LOBO, LOBO, LOBO, BANJA, BANJA, BANJA, UDBI, UDBI, UDBI, BEHE, BEHE, BEHE, RAB, RAB, RAB, RIJE, RIJE, RIJE, NOV, NOV, NOV, KIJ, KIJ, KIJ, SOKA, SOKA, SOKA, MORI, MORI, MORI, OBKA, OBKA, OBKA, DUGI, DUGI, DUGI, MORH, MORH, MORH, ARS, ARS, ARS, ARS, ARS, ARS, HVAR, HVAR, HVAR, RONA, RONA, RONA, RONA, RONA, RONA, TEKERIS, TEKERIS, TEKERIS, FRUSKA, FRUSKA, FRUSKA, WINA, WINA, WINA, MOA, MOA, MOA, MOA, MOA, MOA, BBSL, BBSL, BBSL, VYHNE, VYHNE, VYHNE, KBA, KBA, KBA, BBSL, BBSL, BBSL, WINA, WINA, WINA, MOA, MOA, MOA, BIOA, BIOA, BIOA, TREB, TREB, TREB, LESA, LESA, LESA, ABNA, ABNA, ABNA, VYHNE, VYHNE, VYHNE, KRUC, KRUC, KRUC, CKRC, CKRC, CKRC, BZS, BZS, BZS, VRAC, VRAC, VRAC, KHC, KHC, KHC, ZVIC, ZVIC, ZVIC, MORC, MORC, MORC, MORC, MORC, MORC, WBNET, WBNET, WBNET, LBCV, LBCV, LBCV, LBCW, LBCW, LBCW, NKNC, NKNC, NKNC, NKNC, NKNC, NKNC, POTKY, POTKY, POTKY, POTKY, POTKY, POTKY, STCW, STCW, STCW, VAC, VAC, VAC, VAC, VAC, VAC, KVC, KVC, KVC, KVC, KVC, KVC, KRCW, KRCW, KRCW, SKC, SKC, SKC, SKC, SKC, SKC, KOCW, KOCW, KOCW, WEL, WEL, WEL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Matakaoa Point, Waioamatatini S, Te Kaha, Pakihiroa, Raukumara Rang, Tauwhareparae, Carnagh Statio, Matawai, Te Karaka, Urewera, Moumakai, Maungataniwha, Tolley Road, Matea Rd, Naumai, Aropanoani, Black Stump Fm, Kakaramea, Hauiti, Kaweka Forest, North Tongariri, Karewarewa, Oturere, South Ngauruho, Black Hill Sta, Far West T-bar, Kahuranaki, Kereru, Wahianoa, Moawhango, Green Lake, Pawanui, Pukenui, Waipukurau, Takapari Road, Dannevirke, Angora Road, Post Office Ro, Pori Road, Birch Farm.

ICD 29 16:13:54.8, 0.6, 36:07N:71.19E, h102km, 43km, mb3.6/9, mbmp3.9/12, Error ellipse: s-maj=53.8km s-min=31.6km az=153.0
NEIC 29 16:13:54.9, 0.6, 36:13N:02:71.1E, 0.1, h99km, 10km, mb4.0/11, Error ellipse: s-maj=13.3km s-min=3.5km az=91.0
NCC 29 16:13:57.0, 6.9, 36:76N:70:33E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=54.7km s-min=41.3km az=166.0
ISC 29 16:13:54.4, 0.7, 36:10N:006:71.15E, 0.08, h102km, n51, c1945/59, mb3.9/12, 2C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kabul, Niore, Jammu, Alchi Leh, Arslanbob, DHARAMSHALA, Uchi, Erkin-Say, Karatay Array, Ala-Archa, Simla, Chumysh, Kalpa, Oshpenovka, Tokmak 2, UTTARKASHI, Kundal, Makanchi Array, Kurbatov, Akbulak array, Akbulak array, BORK, AKTO, Zalesovo Beam, FINESS Array B, FINESS Array B, ARCES ARCES Array B, ARCES ARCES Array B, GERES GERES Array B, HFS Hagfors, NORARS Array S, NORARS Subarra, NOA, SPITS Spitsbergen Arr, TORO Torodi Arr, TORO Torodi Arr, D19K Kuna River, D19K Alaina River, Indian Mountain, INK, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, L27K Beaver Creek, L27K Yellowknife Arr, YKA.

ICD 29 16:17:38.0, 1.2, 15:87N:92:89E, h0km, mb3.6/8, mbmp3.6/9, ML3.6/1, Error ellipse: s-maj=24.7km s-min=18.3km az=21.0
BKK 29 16:17:51.6, 7.3, 16:16N:15:9:4E, 7.1, h287km, 68km, M3.4/8, mb3.1/3, ML3.6/8
ISC 29 16:17:40.3, 1.1, 16:03N:01:92:94E, 0.09, h10km, n19, c097/17, mb3.6/8, Bay of Bengal
Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
KHLT Khaolaem Dam 5.58 102 P Pn 16 19 05.1 +1.6
KHLT KHLT 5.58 102 P AML 16 19 05.1 +1.6
UMPA Umpang Tak 5.70 87 P Pn 16 19 05.7 +0.6
UMPA Chiang Mai Arr 6.20 67 P Pn 16 19 13.2 +1.0
CM05 0.0nm, 2.4nm, 0.7s S Sn 16 20 22.0 -1.4
CM05 Chiang Mai Arr 6.21 66 P AML Pn 16 19 12.6 +0.4
CM15 CM15 6.23 66 P AML Pn 16 19 12.7 +0.3
CM02 Chiang Mai Arr 6.23 66 P AML Pn 16 19 12.8 +0.3
CMAR 0.7nm, 0.3s, baz=251, slow=15, SNR=9.5 S Sn 16 20 23.3 -0.5
CMAR CMAR 6.24 67 P AML Pn 16 19 13.2 +0.6
CM04 CM04 6.38 63 P Pn 16 19 14.4 0.0
CMAR Makanchi Array 31.95 346 P AML Pn 16 24 06.9 +0.6
SONM Songoing Arr 33.62 16 P 0.2nm, 0.5s, baz=181, slow=7.2, SNR=2.3 16 24 22.9 +1.8
KURBB Kurchatov Arra 36.43 345 P 0.9nm, 0.7s, baz=163, slow=8.5, SNR=7.5 16 24 45.8 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Zalesovo Beam, Warramunga Arr, ASAR Alice Springs, HFS Hagfors, GERES GERES Array B, H40N2 CROZET ISLANDS, H40N1 CROZET ISLANDS, H40N3 CROZET ISLANDS, KMSI Cibinong, KMSI Gorontalo, GTOI Luwuk, LUWI Luwuk, LUWI Luwuk, SANI Sanana, TNTI Ternate, TNTI Ternate, LBMI Labuha, LBMI Labuha, APSI Ampapa, GAMI Galea, Maluku, NLAJ Namlea, NLAJ Namlea, TOLIZ Tolitoli, KDI Kendari, PCI Palu, PCI Palu, TTSI Tana Toraja, SJIJ Sijunjung, KAPI Kappang, KAPI Kappang, KAPI Kappang, FAKI Fak Fak, KNRA Kununurra, KNRA Kununurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WBO Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, PMG Port Moresby, PMG Port Moresby, ASAR Alice Springs, ASAR Alice Springs, INKA Innamincka, INKA Innamincka, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, BMAR Burnt Mountain.

BUI 29 16:21:42.4, 4.7, 77N:125:52E, h32km, mb5.4/43, mb4.9/72, M5.2/76, M5.7/75
MAN 29 16:21:45.0, 5.0, 01N:125:45E, h68km, M5.5
MAN INTENSITY III - CLAN AND IAMBAA SARANGANI; INTENSITY II - ALABEL MAASIM MAITUM AND MALAPATAN SARANGANI; GENERAL SANTOS CITY.
MOS 29 16:21:46.4, 1.0, 5:24N:125:27E, h42km, mb5.4/61, M5.0/11, Error ellipse: s-maj=8.4km s-min=4.4km az=114.8
GFZ 29 16:21:47.8, 5:23N:125:48E, h36km, Mw5.3/52, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mrr:0.6; Mth:0.21; Mtt:0.44; M0:0.37; Mtr:0.72; Fault plane solution: M1:03737x1017 NP1: 0.153, 21361; 369, 78875; 1, 97, 37629; NP2: 0.153, 21361; 321, 46220; 1, 70, 77483; Principal axes: T 1.0165, P166.4, 471.1; Azm75.3739; N 0.0406, P16.9198; Azm330.6288; P -1.0571, P162.4427; Azm237.4906; GFZ 29 16:21:47.8, 0.1, 5:14N:125:52E, h42km, 1km, mb5.4/84, Error ellipse: s-maj=4.4km s-min=3.0km az=80.9, confirmed
NEIC 29 16:21:48.1, 2.2, 5:26N:0:05:125:30E:0.05, h35km, 1km, mb5.5/163, Mw5.3/16, Error ellipse: s-maj=9.4km s-min=8.1km az=40.0
NEIC 29 16:21:48.9, 5:14N:125:50E, h36km, Moment Tensor Solution. Duration: 2s4 Moment tensor: Scale 1017Nm; Mrr:0.82; Mth:0.14; Mtt:0.67; M0:0.42; Mtr:0.78; Fault plane solution: M1:25000x1017 NP1: 0.325, 35000; 322, 46000; 1, 97, 51000; NP2: 0.151, 04000; 367, 54000; 1, 91, 03000; Principal axes: T 1.1847, P166.70000; Azm63.00000; N 0.1268, P101.00000; Azm331.00000; P -1.1315, P162.00000; Azm240.00000; NEIC 29 16:21:48.3, 5:24N:125:30E, h35km
DJA 29 16:21:50.9, 0.2, 5:12N:125:52E, h42km, 1km, mb5.0/169, mb5.7/192, MLV.5/918, Mw5.4/94, Mw(m)/5.6/169, Mw(m)/5.3/94, Mw(m)/5.4/94
GCMT 29 16:21:50.1, 0.2, 5:24N:0:01:125:36E:0.01, h17km, Mw5.6/100, Moment Tensor Solution. 570, e87; s100, c134; Duration: 1s5 Moment tensor: Scale 1017 Nm; Mrr:0.53; Mth:0.1; Mtt:0.5; Mtr:0.64; 0.2; M0:1.20; 0.8; Mtr:2.52; 0.6; Best double

couple: M2.86400x1017 NP1.352.00000x.87.00000x.
lambda.107.00000x. NP2.155.00000x.884.00000x.1.88.00000x.
Principal axes: T 2.7590, P1g51.0000x, Azm62.0000x; N
0.2120, P1g2.0000x, Azm155.0000x; P -2.9690,
Plg39.0000x, Azm246.0000x; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
IDC 29 16:21:52.3 0.9 5.18N,125.34E,h80km,8km,m4.6/36,
mbmp4.9/39,MS4.8/58 Error ellipse: s-maj=12.1km
s-min=6.0km az=75.0

ISC 29 16:21:48.0 0.2 5.21N,125.39E,0.03,h38km,1km,
h39km,rs-P,n864,rs187/868,mb5.3/269,MS4.9/39,
16C-7D, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Op, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Op, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Op, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PBSI Pulau Batu, KCSI Kotacane, GYA Guiyang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TNCH, CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, BLDU Ballidu, TATA Baridhala, etc.

29d 16h

Table of astronomical observations for 29d 16h, listing stations like LSA, HTT, HHT, etc., and their corresponding data points.

2020 DEC

Table of astronomical observations for 2020 DEC, listing stations like BRAT, UGL, AUMTO, etc., and their corresponding data points.

1482

Table of astronomical observations for 1482, listing stations like PET, SHLS, MKAR, etc., and their corresponding data points.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like OHH, EKS2, KBL, KURB, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like GNI, GNI, O18K, CCD, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like F25K, K24K, ANN, ANN, etc.

Table of station data for 29d 16h, including columns for code, station name, frequency, power, and other technical details.

Table of station data for 2020 DEC, including columns for code, station name, frequency, power, and other technical details.

Table of station data for 1484, including columns for code, station name, frequency, power, and other technical details.

Table with columns: DAV, Davao City (W), 1.95 7 P, Pn, 16 45 45.1 +0.1, etc. Includes various station codes and coordinates.

Table with columns: F28M, Iamb, Iamb, 16 57 55.3, etc. Includes station codes like O28M, BRTR, BRTR, YKA, etc.

Table with columns: BATI, Baumata, 15.31 186 P, P, 17 08 58.6 -0.9, etc. Includes station codes like BATI, JAY, YULB, etc.

Table with columns: JOW, Kumigami, 21.78 7 P, P, 17 10 11.3 +1.0, etc. Includes station codes like JOW, JOW, FITZ, etc.

Table with columns: STKA, Stephens Creek, 39.95 158 P P 17 12 52.8 +0.7. Includes various station names and coordinates.

Table with columns: CCB, Clear Creek Bu, 84.09 26 P P 17 17 47.0 -0.6. Includes various station names and coordinates.

Table with columns: ASAR, Alice Springs, 29.81 164 P P 17 24 19.6 +0.1. Includes various station names and coordinates.

Table with columns: SERG, Sergoula, 0.04 37 Op P 17 18 32.4 +0.3. Includes station names and coordinates.

Table with columns: SERG, Sergoula, 0.04 31 Op P 17 18 46.6 +0.4. Includes station names and coordinates.

Table with columns: VAM, Vamos, 0.14 347 Op P 17 20 25.0 -0.6. Includes station names and coordinates.

Table with columns: VAM, Vamos, 0.14 347 Op P 17 20 25.0 -0.6. Includes station names and coordinates.

Table with columns: VAM, Vamos, 0.14 347 Op P 17 20 25.0 -0.6. Includes station names and coordinates.

Table with columns: VAM, Vamos, 0.14 347 Op P 17 20 25.0 -0.6. Includes station names and coordinates.

Table with columns: VAM, Vamos, 0.14 347 Op P 17 20 25.0 -0.6. Includes station names and coordinates.

Table with columns: VAM, Vamos, 0.14 347 Op P 17 20 25.0 -0.6. Includes station names and coordinates.

Table with columns: Station Name, Azimuth, Altitude, Station Type, Time, Residual, and other parameters. Includes stations like HHSD, ODZ, WZ, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Station Type, Phase ID, Time, Residual, and other parameters. Includes stations like LONE3, NEDR, LODEU, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Station Type, Phase ID, Time, Residual, and other parameters. Includes stations like EFP, AGE0, LAKA, etc.

29d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HERR Herculanus, DAVOX Davos/Dischmat, DAVOX DAVOX, DAVOX Ostrava-Krasne, etc.

2020 DEC

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

1492

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KOGS Kog, GBRs Gornja Briga, VISs Visnje, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ROB S, PRED Cave del Predi, EGYH Egyhazaskesz, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VRAC Vranov, TREC Trest, SQT Sanik Quirin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SERG Sergoula, EFP Efpalio, KALE Kalitheia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like RHOSSO 29, PRU 29, etc.

29d 18h

Table with columns for station name, time, and magnitude. Includes stations like LEGS Legarje, DOBS Dobrina, KOGS Kog, BLY Banja Luka, etc.

IDC 29 18:26:26.6:1.1, 4.71N;82.76W, h0km, mb3.7/6, mbmp3.9/9, ML3.0/2, MS3.5/7, Error ellipse: s-maj=30.2km s-min=14.2km az=47.0

NEIC 29 18:26:27.1:1.8, 4.89N;0.07:82.82W:0.10, h10km, 1km, mb4.5/17, Error ellipse: s-maj=17.7km s-min=9.0km az=242.0

RSNC 29 18:26:30.6:0.8, 5.2N;2.8, 3.7W, h28km, 10km, M4.4, mb5.0, mb4.6, ML3.2, Mw(mb)4.4

UPA 29 18:26:30.1, 3.5;0.1N;82.68W, h18km, 18km, MW4.3, Presumed earthquake

ISC 29 18:26:27.0:0.7, 4.89N;0.06:82.71W:0.07, h12km, n88, s194/112, mb4.0/11, MS3.5/5, South of Panama

Table with columns for Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like CACAO El Cacao, Vera, CACAO El Cacao, Vera, etc.

2020 DEC

Main table with columns for station name, time, magnitude, phase ID, and ISC. Includes stations like DRKO La Lucha 2, DRKO La Lucha 2, DRKO La Lucha 2, etc.

1949

Table with columns for station name, time, magnitude, phase ID, and ISC. Includes stations like BARC Barichara, BRJC Barrancabermej, RUSC La Rusia, etc.

UCR 29 18:34:13.8:0.7, 7.98N;83.02W, h13km, 16km, MW3.6, Presumed earthquake

UPA 29 18:34:13.3:1.2, 7.95N;83.01W, h16km, 2km, MW3.6, Presumed earthquake

ISC 29 18:34:13.4:1.4, 7.95N;0.06:83.01W:0.04, h23km, 7km, n45, s069/71, SC-5D, Off coast of Costa Rica

Table with columns for Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like LIMO3 Limones, LIMO3 Limones, PTPA Petro Terminal, etc.

DJA 29 18:42:23.0:2.1, 14.1N;16.12E, h282km, 15km, M4.4/19, mb4.8/19, mB5.0/13, Mw(mb)4.3/13

MAN 29 18:43:21.0, 9.42N;124.25E, h536km, MS4.3, NEIC 29 18:43:22.4:1.3, 9.41N;0.09:124.23E:0.08, h530km, 6km, mb4.3/162, Error ellipse: s-maj=13.3km s-min=11.2km az=213.0

GFZ 29 18:42:22.4:0.2, 9.2N;12.4E, h532km, 3km, M3.9/60, mb4.4/60, Error ellipse: s-maj=6.1km s-min=3.5km az=71.0, confirmed

IDC 29 18:43:23.6:0.9, 9.30N;124.19E, h551km, 10km, mb3.6/26, mbmp4.6/29, Error ellipse: s-maj=14.9km s-min=5.9km az=72.0

ISC 29 18:43:22.1:0.4, 9.41N;0.04:124.26E:0.06, h533km, 5km, n328, s069/352, mb4.3/132, MIndiano

Table with columns for Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like TBP Tagbilaran, TBP Tagbilaran, LSIP Lazi, Siquijor, etc.

RSNC 29 18:27:29.2:0.0, 7.1N;4.73W, h134km, 7km, M2.4, ML2.1, Northern Colombia

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BIPH Bislig, KCP Kidapawan, JAP San Jose, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like JGF Kuroka, NPW Nappytat, MAJO Matsushiro, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Makanchi, MAKZ Makanchi, etc.

29d 19h

Table containing station names, codes, times, and various parameters for stations 29d 19h. Includes stations like J20K, IMAR, K21K, etc.

Summary table for station DJA 29 18:44:14.6, 0.1, 4.1 S, 1.121 E, h10km, M4.0/32, mB5.0/1, mB4.3/2, MLV3.8/32, Mw(MB)4.4/1, Sulawesi.

2020 DEC

Table for stations BKSJ, KAPI, BBSI, etc., including station names, codes, times, and parameters.

IDC 29 18:57:36.2, 0.0, 31.56N; 138.02E, h384km, 11km, mb3.0/10, mbtmp3.7/13, Error ellipse: s-maj=23.4km s-min=13.3km az=77.0

Table for stations JAOM, JHJ, JHJ2, etc., including station names, codes, times, and parameters.

MAN 29 19:08:47.0, 5.08N; 125.29E, h18km, MS3.9, NEIC 29 19:08:50.8, 2.514N; 0.02:125.24E, 0.07, h56km, 7km, mb4.4/4.0, Error ellipse: s-maj=9.6km s-min=2.8km

Table for stations GSPH, GSPH, KCP, etc., including station names, codes, times, and parameters.

OSPL 29 19:27:07.5: 2.8, 1.9776N; 70.98W, h15km, 12km, MD3.3, ML2.9, MVV3.2, Presumed earthquake

Table for stations LUDR, LUDR, LUDR, etc., including station names, codes, times, and parameters.

1496

Table for stations WBO, WRA, WRA, etc., including station names, codes, times, and parameters.

SDD 29 19:27:07.5: 2.8, 1.9776N; 70.98W, h15km, 12km, MD3.3, ML2.9, MVV3.2, Presumed earthquake

Table for stations JGJ, JGJ, JGJ, etc., including station names, codes, times, and parameters.

OSPL 29 19:27:07.6: 1.8, 1.9776N; 71.05W, h0km, 7km, ML2.6, Presumed earthquake

Table for stations J16K, J17K, J17K, etc., including station names, codes, times, and parameters.

SDD 29 19:27:07.5: 2.8, 1.9776N; 70.98W, h15km, 12km, MD3.3, ML2.9, MVV3.2, Presumed earthquake

Table for stations LONE3, LONE3, LONE3, etc., including station names, codes, times, and parameters.

29d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WVDA, MAW, CVNA, SUR, SUTHERLAND, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, HHC, KRNET, JNKJ, etc.

1498

Table with columns for station name, frequency, power, and other technical details. Includes stations like KRSZO, PDG, BEO, RHSSO, PRU, etc.

29d 20h

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

VIE 29 19:50:28.9, 0.7, 45.45N, 16.17E, h6km, 3km, mb2.4/8, m2.3/13, Error ellipse: s-maj=5.5km s-min=3.1km az=169.0 8 km W of Petrinja

KRSZO 29 19:50:28.4, 1.3, 45.40N, 16.16E, h7km, 17km, ML2.8/16, Error ellipse: s-maj=10.7km s-min=6.3km az=60.0

BEO 29 19:50:29.1, 0.2, 45.48N, 16.19E, h10km, 4km, ML2.9/5

RHSSO 29 19:50:29.0, 0.8, 45.39N, 16.20E, h6km, 2km, ML2.7/7

PRU 29 19:50:31.8, 45.75N, 16.25E, h1km

ISC 29 19:50:28.3, 1.0, 45.42N, 0.02, 16.14E, 0.02, h6km, 9km, n71, c0.98/112, 1C, Northwestern Balkan Peninsula

Main station list for 29d 20h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAG, MOSL, PTJ, etc.

2020 DEC

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

ATH 29 19:52:11.3, 38.71N, 22.56E, h14km, 3km, ML2.0/8, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAM2, DELPHI, LOKRIS, etc.

ATH 29 19:54:28.3, 38.38N, 22.02E, h8km, 1km, ML1.1/3, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SERG, MG00, KALE, etc.

VIE 29 20:02:47.8, 1.3, 45.25N, 16.19E, h10km, mb2.5/4, m2.3/12, Error ellipse: s-maj=11.5km s-min=6.9km az=173.0 22 km SSW of Petrinja

RHSSO 29 20:02:49.7, 1.1, 45.38N, 16.27E, h9km, 3km, ML1.9/4

PRU 29 20:02:51.4, 45.64N, 16.20E, h1km, 1km

ISC 29 20:02:48.3, 1.0, 45.40N, 0.02, 16.26E, 0.02, h11km, 9km, n30, c1.15/10/59, Northwestern Balkan Peninsula

Main station list for 2020 DEC with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOSL, ZAG, PTJ, etc.

1500

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

IDC 29 20:03:10.4, 2.2, 5.02N, 125.11E, h0km, mb3.5/4, mbtmp3.5/4, MS2, 1/1, Error ellipse: s-maj=206.56km s-min=27.9km az=64.0

DJA 29 20:03:10.7, 2.9, 5.26N, 125.12E, h10km, MK3.9/8, mb3.9/7, MLV3.9/8

MAN 29 20:03:18.0, 5.41N, 125.38E, h7km, MS3.1

ISC 29 20:03:14.2, 3.1, 5.22N, 0.1, 125.4E, 0.1, h10km, n12, c544/9, mb3.4/4, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSPH, KCP, DAV, etc.

IDC 29 20:03:58.3, 1.3, 2.7, 62N, 86.31E, h0km, mb3.7/7, mbtmp3.7/11, ML4.0/3, MS3.6/2, Error ellipse: s-maj=45.0km s-min=15.9km az=57.0

DMN 29 20:04:01.7, 0.2, 2.7, 66N, 86.34E, h2km, M4.6/8, Error ellipse: s-maj=5.9km s-min=1.9km az=30.0

NDI 29 20:04:02.6, 1.6, 2.7, 73N, 86.45E, h10km, ML3.8, Presumed earthquake

ISC 29 20:04:01.3, 1.1, 2.7, 70N, 0.05, 86.36E, 0.04, h18km, 4km, n38, c1.93/51, mb3.6/7, 1C, Nepal

Main station list for 1500 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUN, RAMN, PKI, etc.

1501

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AZL, JHNI, MOKO, BWNR, etc.

RHSSO 29:20:07.31.0.0.4.45.38Nk:16.26E, h8km,2km, ML3.5/9
BEO 29:20:07.31.0.0.2.45.47Nk:16.22E, h16km,2km, ML3.5/13
KRSZO 29:20:07.31.0.1.5.45.41Nk:16.28E, h16km, ML3.7/56, Error
silipose: s-maj=11.9km s-min=5.6km az=13.0
PRU 29:20:07.33.1.45.56Nk:16.14E, h10km
ISC 29:20:07.30.4.1.0.45.42N:16.25E:0.01, h11km,gkm,
n181.e1900/278,13.15D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MOSL, ZAG, PUNTIJARKA, etc.

2020 DEC

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like RABC, RIV, RYI, etc.

29d 20h

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like FRGS, FRUSKA, EBREICHS, etc.

1503

2020 DEC

29d 20h

Table with columns: Code, Station Name, Delta^, Az^, Phase ID, Time Res, ISC, and various station details like frequency and signal strength.

Table with columns: Code, Station Name, Delta^, Az^, Phase ID, Time Res, ISC, and various station details like frequency and signal strength.

Table with columns: Code, Station Name, Delta^, Az^, Phase ID, Time Res, ISC, and various station details like frequency and signal strength.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like BOJanci, Golise, Kalnik, Udbina, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like Yellowknife Arr, Keskin Array B, Dimbokro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like Indian Mountain, Indian Mountain, B22K, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSFE Esma-Masafi, MDH Madha, KHL1 Khalil Fars, etc.

ICD 29-22:17:38.1-2.2, 68.145N, 166.35W, h0km, mb3.3/6, mbmp3.3/7, ML2.9/1, MS4.0/1, Error ellipse: s-maj=106.6km s-min=17.0km az=24.0

AEIC 29-22:17:39.6-2.3, 67.58N, 0.04-166.70W, 0.09, h29km, 8km, Error ellipse: s-maj=7.5km s-min=2.7km az=143.0

NEIC 29-22:17:40.4-1.7, 67.67N, 0.03-166.77W, 0.2, h41km, 10km, mb_Lg3.0/11, ML3.0(AEIC), Error ellipse: s-maj=13.6km s-min=1.9km az=108.0

ISC 29-22:17:36.5-3.5, 67.83N, 0.04-166.84W, 0.06, h7km, 23km, n91, r1914/95, mb3.4/6, Bering Strait

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like C16K Lishburne Hills, RD0G Red Dog Mine, E17K Hotham Inlet, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like J14K Hanvaran Lak, A21K Barrow, F21K Alatina River, etc.

ICD 29-22:18:32.5-1.5, 28.20N, 56.95E, h0km, mb3.6/10, mbmp3.6/10, Error ellipse: s-maj=33.7km s-min=24.4km az=164.0

TEH 29-22:18:33.8, 28.37N, 57.16E, h8km, 58km, ML3.4, Presumed earthquake

DSN 29-22:18:41.0-1.9, 28.18N, 56.36E, h10km, ML3.0/8, Error ellipse: s-maj=28.0km s-min=16.8km az=78.0

ISC 29-22:18:34.5-0.6, 28.34N, 0.03-57.11E, 0.05, h10km, n26, r183/22, mb3.4/3, Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KHJN Kahjoq, IBND Bandar-abas, GENO Gendo, etc.

ICD 29-22:29:16.2-2.9, 54.48N, 159.71W, h0km, mb3.6/6, mbmp3.6/9, ML3.4/3, Error ellipse: s-maj=72.2km s-min=16.7km az=155.0

AEIC 29-22:29:18.4-2.4, 54.28N, 0.05-159.64W, 0.06, h27km, 6km, Error ellipse: s-maj=8.1km s-min=4.9km az=197.0

NEIC 29-22:29:19.0-2.0, 54.38N, 0.04-159.67W, 0.05, h20km, 5km, mb3.9/17, ML3.8/2, ML3.4(AEIC), Error ellipse: s-maj=6.1km s-min=4.2km az=204.0

ISC 29-22:15.6-2.1, 54.25N, 0.07-159.65W, 0.04, h6km, 12km, n126, r133/137, mb3.8/7, South of Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNBA Chernabura Isl, SDPT Sand Point, DDL Dolgoi Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PS1A Pavlof South-1, PS1A Pavlof, HAG Hague Volcano, etc.

29d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H31M, G30M, C26K, F30M, INK, YKA, PETK, H11N2, H11N1, H11S1, H11S2, H11S3, KURK, BVAR, MKAR, CMAR.

IDC 29 22:30:44.6.3.7, 13.7, 48N, 93.21W, h0km, mb3.6/3, mbmp3.4/5, ML3.3/2, MS3.6/1, Error ellipse: s-maj=76.7km s-min=20.2km, az=174.0

MEX 29 22:30:51.7.0.7, 14.1, 13N, 93.11W, h10km, MD4.3, Presumed earthquake GCG 29 22:30:52.1.1.4, 14.0, 08N, 93.02W, h36km, 999km, MD4.4, Presumed earthquake

ISC 29 22:30:48.3.2.3, 14.2, 22N, 0.06, 93.07W, 0.03, h2km, 14km, n38, c251/66, mb3.7/3.1C, Near coast of Chiapas

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like THIG, PATR, CHJU, PAVE, RTAL, PCIG, QUEO, STG8, HUEH, COIG, FG16, TGIG, APG, APG, NUBE, UXUV, HUIG, CMIG, PETF, YOIG, SCIG, PNIG, TXIG, TOIG, JAUJ, CXUV, TEIG, TKL, NVAR, YKA, INK, CMAR, WINA, BBLs, LSTV, MOA, BIOA, DIVS, TREB, LESA.

2020 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MOSL, ZAG, Puntijarka, OZLJ, Gornji Cirkic, KALN, CRESnjevec Ost, LOBO, GOLs, BOJS, PLIT, DOBS, BLY, KOGS, UDBI, BEHE, GBRs, VISS, RIV, RAB, CEV, LJU, NOV, KOV, KIJ, SOKA, OBKA, SKDS, MORI, DUGI, MORH, TIH, ARSA, ARSZ, MPR, SESA, EGYH, RIC, MYKA, RONA, MAK, MAKA, HVAR, TEKS, CONA, FRGS, KBA, WINA, BBLs, LSTV, MOA, BIOA, DIVS, TREB, LESA.

1506

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LESA, ABNA, IVAS, PSZ, VYHS, Velka Javorina, GRUS, KRUC, MORAVSKY, KRUC, CKRC, CKRC, WTTA, WATA, Vranov, MOTA, KHC, SELVA, ZELC, ZVOC.

KRSZO 29 22:43:34.2.1.2, 45.41N, 16.21E, h6km, 13km, ML2.9/23, Error ellipse: s-maj=10.5km s-min=5.6km az=36.0 RHSSO 29 22:43:34.5.0.9, 45.38N, 16.15E, h7km, 2km, ML2.6/6 VIE 29 22:43:35.5.0.8, 45.48N, 16.17E, h10km, mb2.5/9, ml2.5/15, ml2.5/15, Error ellipse: s-maj=6.9km s-min=3.5km az=174.0 9 km WNW of Petrinja BEO 29 22:43:35.0.0.3, 45.44N, 16.18E, h10km, 9km, ML2.8/4 PRU 29 22:43:37.5.45.66N, 16.27E, h10km ISC 29 22:43:33.5.1.0, 45.44N, 0.02, 16.26E, 0.02, h8km, 9km, n89, c100/129, 3C, Northwestern Balkan Peninsula

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MOSL, ZAG, BLY, KOGS, Puntijarka, OZLJ, Gornji Cirkic, CRES, KALN, BOJS, BOJS, BOJS, PLIT, PLIT, GOLs, GOLs, GOLs, CRES, CRES, CRES, KALN, BOJS, BOJS, BOJS, BLY, BLY, BLY, UDBI, UDBI, KOGS, KOGS, KOGS, KOGS, GBRs, VISS, MORI, MORI, DUGI, MORH, TIH, ARSA, ARSZ, MPR, SESA, EGYH, RIC, MYKA, RONA, MAK, MAKA, HVAR, TEKS, CONA, FRGS, KBA, WINA, BBLs, LSTV, MOA, BIOA, DIVS, TREB, LESA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSA Arzberg, MPLH Mlyslav, SESA Seetalpe, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RATU Laukkutusta, NIKU Nikkaluokta, LANU Lannavaara, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VYHS Vyhne, CKRC Cesky Krumlov, KRUC Moravsky, etc.

VIE 29 22:45:30.0+1.0, 7.45:41N+16:18E, h5km, 2km, mb2.6/1, m2.2/6, Error ellipse: s-maj=5.3km s-min=2.5km az=176.0 8 km WSW of Petrinja

VIE 29 23:20:00.8+0.8, 45:46N+16:15E, h11km, 3km, mb2.4/6, m2/4.10, Error ellipse: s-maj=6.5km s-min=3.2km az=175.0 10 km WNW of Petrinja

NEIC 29 23:20:13.3+1.3, 5:09N+0:07:125E:0:1, h44km, 8km, mb4.3/23, Error ellipse: s-maj=21.3km s-min=3.7km az=115.0

RHSSO 29 22:45:31.0+1.0, 45:40N+16:29E, h6km, ML2.3/5, PRU 29 22:45:33.7, 45:75N+16:29E, h1km

RHSSO 29 23:20:01.5+0.9, 45:43N+16:19E, h6km, 3km, ML2.5/6, PRU 29 23:20:04.1, 45:76N+16:19E, h1km

MAN 29 23:20:14.0+1.0, 5:34N+125:43E, h15km, MS3.1, IDC 29 23:20:16.0+2.2, 5:17N+125:30E, h72km, 21km, mb3.6/10, mbmp3.9/10, MS2.9/2, Error ellipse: s-maj=34.7km s-min=12.5km az=72.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAG Zagreb, MOSL Moslavina, PTJ Puntijarka, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAG Zagreb, MOSL Moslavina, PTJ Puntijarka, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSPH General Santos, KCP Kidapawan, DAV Davao City, etc.

UPP 29 22:47:52.3+0.1, 67:82N+20:22E, h0km, ML2.5, Confirmed Induced event

RHSSO 29 23:29:06.4+0.9, 45:38N+16:29E, h7km, 3km, ML2.5/6, VIE 29 23:29:06.3+1.0, 45:48N+16:16E, h10km, mb2.4/10, m2.3/15, m2.3/15, Error ellipse: s-maj=8.8km s-min=4.0km az=176.0 10 km WNW of Petrinja

KRSZO 29 23:29:06.2+1.4, 45:39N+16:14E, h5km, ML2.9/25, Error ellipse: s-maj=11.1km s-min=5.8km az=23.0, PRU 29 23:29:09.3, 45:73N+16:37E, h10km

29 Dec 23h

Table of astronomical observations for 29 Dec 23h, listing stations like OZLJ, GORNIJ CIRNIK, CRES, BOJANSKI, PLIT, GOL, KALIN, LOBO, UDBINA, BANJA LUKA, etc., with columns for station name, coordinates, and other parameters.

2020 DEC

Table of astronomical observations for 2020 DEC, listing stations like BGR, MOS, IDC, PTWC, NEIC, GFZ, GCMT, ASCN, ASCN, ASCN, etc., with columns for station name, coordinates, and other parameters.

1508

Table of astronomical observations for 1508, listing stations like PRPB, BDFB, BDFB, BDFB, BDFB, etc., with columns for station name, coordinates, and other parameters.

1511 2020 DEC 29d 23h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ANTO Ankara, HDC Chester, HNH Hanover, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ARPR Arapgir-MALATY, KEMA Kemaliye, DELO Deloro mine, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HAKT HAKKARI, PMSA Palmer Station, X48A Hartselle, etc.

29d 23h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MAK Makhachkala, DBG Daneborg, P40A Paris, etc.

2020 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like RES Resolute Bay, ANMO Albuquerque, MAW Mawson, etc.

1512

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like DL2 Dalian, MDJ Mudanjiang, NJ2 Nanjing, etc.

30d Oh

Table with columns for flight codes (MDJ, BNX, JOW, etc.), destinations (Mudanjiang, BinXian, Changchun, etc.), times, and status indicators (P, S, Pn, etc.).

2020 DEC

Table with columns for flight codes (PET, YULB, TWGT, etc.), destinations (Petropavlovsk, Wuhan, etc.), times, and status indicators (P, Pn, Pmax, etc.).

1514

Table with columns for flight codes (LZH, LZDM, ZAK, etc.), destinations (Lanzhou Array, Zakamensk, etc.), times, and status indicators (P, Pmax, Pn, etc.).

1515

Table with columns: Call Sign, Frequency, Mode, Power, SNR, and other technical details. Includes stations like CMAR, MPSI, LUWI, KOHIMA, etc.

2020 DEC

Table with columns: Call Sign, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PPLA, CAST, SPU, MMRI, etc.

30d 0h

Table with columns: Call Sign, Frequency, Mode, Power, SNR, and other technical details. Includes stations like BMRM, MLSI, SNJI, MENT, etc.

30d Oh

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

2020 DEC

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

1516

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKBB, MALIN Array S, MOL, NORSAR Subarra, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GHRH, JURR, BUROV, NEGRR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LOZB, MORC, MORAV, MORC, etc.

30c Oh

Table of astronomical observations for 30c Oh, listing station codes (e.g., ZVikov, ABNA), object names (e.g., Allensteig Bun), coordinates, and observation details.

2020 DEC

Table of astronomical observations for 2020 DEC, listing station codes (e.g., ECSD, STU), object names (e.g., EROS Data Cent), coordinates, and observation details.

1518

Table of astronomical observations for 1518, listing station codes (e.g., TUL3, TX31), object names (e.g., Leonard), coordinates, and observation details.

ATH 30 00:38:34.9, 38:38N-21:99E, h9km, ML2.6/12, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km; THE 30 00:38:34.9, 38:4N, 0:6-22:0E, 0.5, h8km, 1km, M2,8/9, ML2.8/9; ISC 30 00:38:35.0-0.8, 38:38N, 0:02-22:01E, 0.01, h9km, 4km, n90, 0:53/126, Greece; Code Station Name Az Phase ID Time Res

30d Oh

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TNSA Tinos, ANKY Antikythira, OHRI Ohrid, etc.

2020 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AQU L'Aquila, MLR Muntele Rosu, MLR Muntele Rosu, etc.

1520

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ESDC Sonsea Array, ESDC Sonsea Array, ESDC Moscow, etc.

1521

Table with columns for station name, frequency, mode, and other parameters. Includes stations like ILAR, ILAR, ILAR, etc.

ROM 30 00:39:26.5:0.1, 44.086N:0.004, 11.492E:0.006, h9km, ML1.1/1.2, 1C-2D, Error ellipse: s-maj=0.4km

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like BRIS, BRIS, BRIS, etc.

VIE 30 00:40:08.9:0.4, 45.35N:16.24E, h12km, 1km, mb2.5/1.2, ml2.5/1.8, ml2.4/1.8, Error ellipse: s-maj=2.8km

KRSZO 30 00:40:09.3:1.2, 45.34N:16.13E, h13km, ML2.9/3.4, Error ellipse: s-maj=1.0km

RHSSO 30 00:40:10.4:1.0, 45.35N:16.16E, h6km, ML2.3/4

BEO 30 00:40:10.0:0.3, 45.36N:16.22E, h19km, 7km, ML2.4/1.0

PRU 30 00:40:12.9, 45.64N:16.37E, h10km

ISC 30 00:40:09.3:1.0, 45.39N:16.25E, 0.01, h12km, 8km, n109.0/68.8/161, 3C-2D, Northwestern Balkan Peninsula

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like MOSL, ZAG, ZAG, etc.

2020 DEC

Main table with columns for station name, frequency, mode, and other parameters. Includes stations like GBRs, KOGS, KOGS, etc.

30d 0h

Table with columns for station name, frequency, mode, and other parameters. Includes stations like BIOC, ABTA, ABTA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tekeris, Fruska Gora, Koelnbreinspre, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sergoula, Kalitheia, Efpalio, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VVK, University Cam, Ano Chora, Kalavryta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDI, SAUI, SAULAKI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBCW, NOVK, POCW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBCW, NOVK, POCW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBCW, NOVK, POCW, etc.

IDC 30 01:21:54.0;2.0,6:36S:130.11E,h99km,21km,mb3.6/7, mbmp4.3/14, Error ellipse: s-maj=23.0km s-min=15.8km az=73.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDI, SAUI, SAULAKI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOEI, TMT, BAKI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTAR, INKA, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV, KURBB, BVAR, etc.

1525

Table with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, ISC. Includes stations like MZPU, POL, LRK, etc.

Table listing seismic stations and their details, including IDs like ID3, ID4, ID5, ID6, etc.

Table listing seismic stations, including codes like ID7, ID8, ID9, ID10, etc.

Table listing seismic stations, including codes like ID11, ID12, ID13, ID14, etc.

Table listing seismic stations, including codes like ID15, ID16, ID17, ID18, etc.

2020 DEC

comp=N,0.2nm,0.6s,baz=159,slow=7.2,SNNR=5.2

comp=N,0.2nm,0.6s

SOFT 30 02:46:24.2, 40.011N:0.02:24.06E:0.01, h10km, 3km, MD3.5/12
ATH 30 02:46:25.3, 39.939N:24.00E, h16km, 1km, ML3.2/19
THE 30 02:46:25.6, 40.0N:1.2E, h6km, 4km, M3.1/6
ISK 30 02:46:25.7, 39.999N:24.13E, h18km, ML3.0/12
TIR 30 02:46:34.3, 40.27N:22.95E, h88km, 2km, ML2.9, ML2.9, Presumed earthquake

ISC 30 02:46:25.0, 1.0, 39.94N:0.02:23.99E:0.02, h18km, 5km, n127, s1902/154, 15C-10D, Aegean Sea

Table with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, ISC. Includes stations like PAIG, PAIG, PAIG, etc.

Table listing seismic stations, including codes like ID19, ID20, ID21, ID22, etc.

Table listing seismic stations, including codes like ID23, ID24, ID25, ID26, etc.

Table listing seismic stations, including codes like ID27, ID28, ID29, ID30, etc.

Table listing seismic stations, including codes like ID31, ID32, ID33, ID34, etc.

30d 03h

Table with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, ISC. Includes stations like GUR, AMPL, AMP, etc.

VIE 30 02:58:46.1, 0.5, 45.45N:16.18E, h10km, mb2.3/1, m2.3/6, m2.1/6, Error ellipse: s-maj=4.0km s-min=1.3km

Table listing seismic stations, including codes like ID35, ID36, ID37, ID38, etc.

VIE 30 02:58:55.7, 0.5, 45.39N:16.17E, h10km, mb2.3/3, m2.2/8, Error ellipse: s-maj=4.2km s-min=1.8km az=6.0 10km

Table listing seismic stations, including codes like ID39, ID40, ID41, ID42, etc.

TRN 30 03:00:20.1, 13.39N:60.29W, h20km, MD3.3, North-west
FUNV 30 03:00:22.1, 13.49N:60.29W, h15km, MW3.8, Presumed earthquake

ISC 30 03:00:21.0, 1.4, 13.42N:0.05:60.30W:0.03, h17km, 1km, n10, s0668/20, 2C, Windward Islands

Table listing seismic stations, including codes like ID43, ID44, ID45, ID46, etc.

30d 3h

Table with columns: GRW, DLSB, Salisburly, eS, Sn, 03 01 15.0 +0.6, 03 00 58.9 +1.0, 03 01 27.7 -2.1

ROM 30 03:04:24.2-0.1, 43.076N, 0.004-13.032E, 0.006, h11km, ML0.8/10, Error ellipse: s-maj=0.5km s-min=0.5km az=259.0, Central Italy

Main table for 30d 3h section, listing stations like FDMO, MML1, CESI, etc. with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, and various parameters.

RHSSO 30 03:04:15.6-0.9, 45.38N, 16.20E, h8km, 3km, ML2.7/6, KRSZO 30 03:04:16.0-1.0, 45.44N, 16.27E, h12km, ML3.0/28, Error ellipse: s-maj=8.1km s-min=4.8km az=41.0, VIE 30 03:04:16.2-0.6, 45.50N, 16.23E, h10km, mb2.4/14, m1.5/22, m12.5/22, Error ellipse: s-maj=4.6km s-min=2.1km az=4.0, 8 km NNW of Petrinja, PRU 30 03:04:18.5, 45.63N, 16.25E, h10km, ISC 30 03:04:14.7-1.1, 45.45N, 0.02-16.27E, 0.02, h6km, 9km, n102, 0.95/172, Northwestern Balkan Peninsula

Main table for 30d 3h section, listing stations like MOSL, ZAG, PTJ, etc. with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, and various parameters.

2020 DEC

Main table for 2020 DEC section, listing stations like NVLJ, KOVH, PERNICE, SOKA, MOZS, etc. with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, and various parameters.

1256

Main table for 1256 section, listing stations like VRAC, TREC, SOTA, etc. with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, and various parameters.

30d 4h

Table of seismic data for stations 30d 4h, including columns for station name, coordinates, and time/residual values.

2020 DEC

Table of seismic data for stations 2020 DEC, including columns for station name, coordinates, and time/residual values.

1528

Table of seismic data for stations 1528, including columns for station name, coordinates, and time/residual values.

IDD 30 03:57:22.84±.4, 22°55'S; 179°16'W, h0km, mb4.1/4, mbtmp4.1/4, Error ellipse: s-maj=112.2km s-min=44.0km

NEIC 30 03:58:14.1±0.8, 23°35'S; 0°06'179°E, 0.1, h434km, 13km, mb4.2/16, Error ellipse: s-maj=20.9km s-min=5.0km

ISC 30 03:58:14.4±0.7, 23°35'S; 0°17'179°E, 0.1, h450km, n27, c072/27, mb4.1/12, South of Fiji Islands

Table of seismic data for stations 1528, including columns for station name, coordinates, and time/residual values.

PRU 30 03:59:00.2, 50°24'N; 18°61'E, h0km, Poland

Table of seismic data for stations 1528, including columns for station name, coordinates, and time/residual values.

RHSSO 30 04:00:10.9±0.9, 45°39'N; 16°14'E, h6km±2km, ML2.8/7, KRSZO 30 04:00:11.0±1.4, 45°44'N; 16°18'E, h14km, 19km, ML2.9/11

IEO 30 04:00:11.6±0.5, 45°50'N; 16°18'E, h10km, mb2.4/13, ml2.5/19, ml2.5/19, Error ellipse: s-maj=4.3km

BEO 30 04:00:11.3±0.2, 45°45'N; 16°20'E, h16km, 4km, ML2.9/5, PRU 30 04:00:12.2, 45°66'N; 16°39'E, h1km

ISC 30 04:00:10.3±1.0, 45°45'N; 0°02'16°20'E, 0.01, h7km, 9km, n99, c098/158, CN, Northwestern Balkan Peninsula

Table of seismic data for stations 1528, including columns for station name, coordinates, and time/residual values.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Banja Luka, Kog, Viss, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sjes, Vyhs, Javc, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Mosl, ZAG, Puntijarka, etc.

Table with columns: ZVC, Reta, eSN, iPh, S, P, Az, El, Az, El, S, P, Az, El, Az, El

IDC 30 04:31:46.3+2.6, 38:01'N, 26:50'W, h0km, mb3.8/11, mtbpm3.8/12, ML4.0, MS3.4/15, Error ellipse: s-maj=67.9km s-min=24.4km az=169.0

NEIC 30 04:31:48.5+1.7, 38:1'N, 0:1-26:39'W, 0:09, h10km, 1km, mb4.6/10, Error ellipse: s-maj=23.8km s-min=6.8km az=207.0

SVSA 30 04:31:49.0+1.2, 38:06'N, 26:55'W, h1km, 3km, ML3.9(INMG), Error ellipse: s-maj=4.4km s-min=1.2km az=33.0, #DIST_RANGE: LOCAL #IPMA_REGION: Fossa de Hirondelle

ISC 30 04:31:45.7+1.3, 38:01'N, 0:07-26:61'W, 0:04, h5km, 8km, n71, c172/75, mb3.9/15, MS3.4/14, 1C-5Z, Azores Islands

Main table of station data for the 30d 5h period, including station names, coordinates, and various parameters.

Main table of station data for the 2020 DEC period, including station names, coordinates, and various parameters.

AFAD 30 05:13:41.4, 36:92'N, 27:70'E, h7km, 3km, ML1.6, ISK 30 05:13:41.1, 36:91'N, 27:72'E, h12km, 1km, ML1.9/10,

Table of station data for the Decanese Islands region, including station names, coordinates, and various parameters.

ATH 30 05:13:49.3, 38:38'N, 22:01'E, h13km, 1km, ML1.5/6, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Main table of station data for the 30 05:15:03.6, 0.4, 45:47'N, 16:22'E, h0km, mb4.4/28, mtbpm4.4/3, ML4.5/11, MS3.7/30, Error ellipse: s-maj=5.7km s-min=6.7km az=39.0

30d 5h

2020 DEC

1532

Table with multiple columns containing station names, frequencies, and technical parameters. The table is organized into several vertical sections, each starting with a call sign or station name (e.g., AVAS, VRAC, DPC, KRUC, WTTA, etc.). Each entry includes a frequency, a mode (e.g., ePn, Pn, AML), and a signal strength or other metric (e.g., 3.17 102, 0.5). The table is dense and covers a wide range of stations and frequencies.

Table with columns: Code, Name, RA, Dec, P, S, and other parameters. Includes entries like Mathiasis, Sochi, Braganca, Moscow, etc.

Table with columns: Code, Name, RA, Dec, P, S, and other parameters. Includes entries like Rovaniemi, Fauske, HAKKARI, Makhachkala, etc.

Table with columns: Code, Name, RA, Dec, P, S, and other parameters. Includes entries like Gaotai, Sachs Harbour, Yakutsk, Fort Churchill, etc.

IDC 30 05:15:53.91.4.317S:134.08E,h0km,mb3.8/3.
mbmp3.9/6,ML3.5/3, Error ellipse: s-maj=33.1km
s-min=16.1km az=60.0
DJA 30 05:15:58.40.4.3S:4.13E, s, h14km,qkm, M4,0/9,
MLV4.0/9
ISC 30 05:15:55.10.7.338S:0.04:134.03E:0.06,h13km,n15,
c2524/18,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kaimana, Fak Fak, Manokwari, Biak, Sorong, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zagreb, Puntijarka, Ozalj, Gornji Cirkic, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOKA, MOZS, CRNS, etc.

RSNC 00:05:16:52.1-0.0, 7.1N, 4.7W, h140km, Mw2.1, ML1.8

FUNV 00:05:16:54.9, 7.06N, 7.345W, h5km, MW2.7, Presumed earthquake

ISC 00:05:16:50.3-1.6, 6.88N, 0.04-73.11W, 0.05, h159km, 10km, n22, r1969/42, Northern Colombia

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LOBO, KALN, PLIT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GORS, ARSA, ARZB, etc.

NAO 00:05:25:48.1, 41.14N, 17.43E, h10km, Mb4.0

MED_R 00:05:26:40.0, 45.44N, 16.21E, h13km, Mw4.5, Moment Tensor Solution. Moment tensor: Scale 10^15Nm;

ROM 00:05:26:40.4, 0.2, 45.40N, 0.006:16.16E, 0.009, h8km, 1km, ML4.8/11.4 Error ellipse: s-maj=0.7km

MOS 00:05:26:40.0, 0.9, 45.50N, 16.19E, h10km, mb4.6/16, Error ellipse: s-maj=4.7km s-min=3.5km az=81.2

IDC 00:05:26:40.5, 0.5, 45.51N, 16.17E, h0km, mb4.1/20, mbmpd=2.235, ML3.9/13, MS3.7/35, Error ellipse: s-maj=8.6km s-min=7.1km az=32.0

PDG 00:05:26:40.5, 0.8, 45.49N, 16.23E, h12km, 2km, MD4.6/2, ML4.5/10, Error ellipse: s-maj=2.1km s-min=2.2km az=0.0

KRSZO 00:05:26:40.2, 1.2, 45.40N, 16.15E, h7km, ML5.0/33, Error ellipse: s-maj=13.7km s-min=5.5km az=50.0

LDG 00:05:26:41.6, 0.2, 45.41N, 16.37E, h10km, ML4.7/26, Error ellipse: s-maj=4.2km s-min=3.3km az=101.0

BEO 00:05:26:41.6, 0.2, 45.50N, 16.20E, h11km, 2km, ML4.8/17 Error ellipse: s-maj=8.6km s-min=7.1km az=32.0

GFZ 00:05:26:42.2, 45.53N, 16.17E, h10km, mb4.5/27, Mw4.3/48, Error ellipse: s-maj=7.1km s-min=6.8km az=171.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw=1.90;

RHSSO 00:05:26:42.2, 0.4, 45.43N, 16.23E, h8km, 2km, ML4.7/10 GFZ 00:05:26:42.8, 0.1, 46.1N, 16.1E, h10km, ML4.7/48, mb4.9/48

BGR 00:05:26:42.7, 0.7, 45.46N, 16.28E, h10km, ML4.8/17, Error ellipse: s-maj=7.8km s-min=5.6km az=101.0

MCSM 00:05:26:42.0, 0.2, 46.1N, 16.1E, h7km, mb5.1, mb4.7, MLV5.0, Mw(mB)4.4

PRU 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

BLJ 00:05:26:44.2, 45.72N, 16.11E, h1km, M4.7

PRED Cave del Predi Ricice 2.06 299 Pn Pn 05 27 16.0 -0.2

PRED Cave del Predi Ricice 2.06 299 Pn Pn 05 27 15.9 -0.4

EGYH Eghyhaszesko 2.12 22 Pn Pn 05 27 14.3 -1.2

ACOM Acconizza, Ital 2.14 301 P Pn 05 27 17.5 0.0

VINO comp=E,13850um,0.8s AML AML 05 27 17.0 -0.6

PTCC Patocco-Chiusa 2.17 297 P Pn 05 27 17.3 -0.5

PTCC comp=E,569um,1.3s AML AML 05 27 17.3 -0.6

PTCC comp=E,569um,0.7s AML AML 05 27 17.3 -0.6

PTCC comp=N,4905um,1.4s AML AML 05 27 18.1 -0.5

SOP Sopron 2.24 7 Pn Pn 05 27 18.3 -0.4

RONA Rosalia, Austr 2.24 2 Pn Pn 05 27 18.4 -0.4

RONA Rosalia, Austr 2.24 2 ePn Pn 05 27 18.4 -0.4

RONA Rosalia, Austr 2.24 2 ePn Pn 05 27 18.4 -0.4

Table of flight data for stations 1537, including columns for station name, frequency, mode, and other parameters.

Table of flight data for stations 2020 DEC, including columns for station name, frequency, mode, and other parameters.

Table of flight data for stations 30d 5h, including columns for station name, frequency, mode, and other parameters.

30d 5h

Table of station data for the 30d 5h period, including call signs like LPSR, SOC, MOS, ANDN, FINES, KURK, etc., and their associated frequencies and parameters.

2025 DEC

Table of station data for the 2025 DEC period, including call signs like AAK, NRK, DBIC, ASAI, ZALV, etc., and their associated frequencies and parameters.

1538

Table of station data for the 1538 period, including call signs like SERG, KALE, EFP, LAKA, etc., and their associated frequencies and parameters.

1539

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like SESA, RICCI, MAKARSKA, ROSALIA, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like WBNET, LBCW, VAC, etc.

RHSSO 30 05:33:35.9,0.6,45.29N,16.14E,h7km,2km,ML3,5/9
VIE 30 05:33:36.5,0.4,45.36N,16.30E,h10km,mb3,1/9,
m3,3/21,m1,3/121,Error ellipse: s-maj=3.2km
s-min=1.7km az=175.0 9 km S of Petrinja

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like MOSL, ZAG, PTJ, etc.

2020 DEC

Main table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like CEY, KJUV, LJUBJANA, SOKA, etc.

30d 5h

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like DAVA, BLKB, DPC, etc.

30d 5h

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like MKAR, AKL, WMQ, AB31, etc.

2020 DEC

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like CM31, CMAR, CMAR, KIRV, etc.

1540

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like SEY, BIL, ESDC, NEEM, etc.

OSPL 30.05:48.14.9.1.2, 18°55'N:73°58'W, h21km, 52km, ML2.7, Presumed earthquake
SDD 30.05:48.15.0.1.1, 19°07'N:73°24'W, h0km, 7km, MD3.4, ML2.6, MW2.9, Presumed earthquake
SSNC 30.05:48.16.8.1.7, 18°71'N:73°43'W, h8km, 16km, MD3.3, ML2.3, MW2.5, Presumed earthquake
ISC 30.05:11.3.1.3, 18°80'N:0°06'W, 73°36'W±0.03, h9km, 13km, n19, c1900/36, 4C-3D, Haiti region

1541

Table with columns: Station Name, Frequency, Mode, Band, Time, Azimuth, Elevation, and other parameters. Includes stations like NEBRA UASD, LOBH Bahia de las A, QMBU Quimbuuelo, etc.

VIE 30 05:49:06.8,0.5,45.43N,16.29E,h10km,mI2.5/14, mI2.5/14, Error ellipse: s-maj=3.6km s-min=1.8km

RHSSO 30 05:49:07.1,0.9,45.36N,16.23E,h7km,m3km,ML2.5/5 PRU 30 05:49:08.6,45.59N,16.21E,h1km

ISC 30 05:49:06.2,1.1,45.42N,0.02,16.23E,0.02,h5km,q9km,n55,c09198,2C,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Frequency, Mode, Band, Time, Azimuth, Elevation, and other parameters. Includes stations like MOSL Moslavina, ZAG Zagreb, PUNTJARKA, etc.

2020 DEC

Table with columns: Station Name, Frequency, Mode, Band, Time, Azimuth, Elevation, and other parameters. Includes stations like CONA, FRGS Fruska Gora, WINA, etc.

IDC 30 05:50:13.9,2.0,54.66N,83.76E,h0km,mbtmp2.4/2, ML1.9/2, Error ellipse: s-maj=25.6km s-min=12.1km

NEIC 30 06:18:09.5,2.0,18.11S,0:09:177.9W,0.1,h630km,6km, mb4.5/77, Error ellipse: s-maj=17.4km s-min=11.6km

GFZ 30 06:18:10.3,0.4,18.5L,6:17.8W,h643km,4km,MA.7/28, mb4.8/28, Error ellipse: s-maj=14.1km s-min=8.3km

IDC 30 06:18:11.7,0.8,18.12S,178.15W,h653km,9km,mb3.6/23, mbtmp4.6/25, Error ellipse: s-maj=12.4km s-min=9.7km

ISC 30 06:18:10.8,0.4,18.12S,0:07:177.98W,0:07,h650km, m294,r101/271,mb4.6/96,36C-8D,Fiji Islands region

Table with columns: Code, Station Name, Frequency, Mode, Band, Time, Azimuth, Elevation, and other parameters. Includes stations like FUTU Fugatoga, MRZ Mangatainoka, etc.

30d 6h

Table with columns: Station Name, Frequency, Mode, Band, Time, Azimuth, Elevation, and other parameters. Includes stations like CAN Canberra, CMSA Cobar Meteorol, MTSU Mount Surprise, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like AKUT, PLBL, R17L, etc.

ASRS 30 07:00:02.0±1.5, 54.21N;87.09E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ICD 30 06:59:57.2±3.9, 54.16N;86.55E, h0km, mbMt2.712, ML2.6/2, Error ellipse: s-maj=33.5km s-min=15.6km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, ZALV, etc.

ICD 30 07:05:14.0±0.9, 27.76N;127.91E, h103km, 8km, mb3.4/8, mbMt3.7/8, Error ellipse: s-maj=40.5km s-min=15.2km

JMA 30 07:05:15.6±0.2, 27.7N;127.8E, h100km, 2km, MV3.3/13, NW OFF OKINAWAJIMA IS.

ICD 30 07:05:14.4±0.8, 27.75N;127.89E, h107km, 9km, n20, <0.65/31, mb3.6/8, Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like JIH, JOKE, JYRO, etc.

ICD 30 07:06:02.1±4.5, 54.53N;87.16E, h0km, mbMt3.0/2, ML2.7/2, Error ellipse: s-maj=41.3km s-min=22.6km

ASRS 30 07:06:03.0±1.8, 54.39N;86.81E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

NCC 30 07:06:03.4±0.4, 54.35N;86.86E, h0km, mb3.0, mpv2.9, Error ellipse: s-maj=35.7km s-min=21.0km az=5.0, Suspected Mining explosion.

ICD 30 07:06:06.9±4.2, 54.44N;87.02E, h0km, n8, <0.19/41, Suspected Mining explosion.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZAAO, ZALV, etc.

OSPL 30 07:12:15.7±0.7, 18.63N;71.60W, h8km, 5km, ML2.2, Presumed earthquake

SDD 30 07:12:16.2±1.1, 18.61N;71.50W, h20km, 7km, MD2.3, ML1.9, MW2.9, Presumed earthquake

ISC 30 07:12:15.5±1.4, 18.62N;71.51W, h16km, 7km, n10, <0.95/16, 4C-3D, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like LONE3, LONE3, LONE3, etc.

ICD 30 07:23:25.5±1.7, 17.42S;176.45W, h0km, mb3.7/2, mbMt3.7/2, MS3.6/9, Error ellipse: s-maj=816.0km

s-min=42.3km az=140.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like MSVF, AFI, URZ, etc.

VIE 30 07:24:52.0±0.6, 45.41N;16.11E, h10km, mb2.7/20, ml2.9/21, ml2.9/21, Error ellipse: s-maj=4.3km

s-min=3.2km az=172.0 13km WSW of Petrinja

KRSZO 30 07:24:53.4±0.2, 45.45N;15.95E, h6km, 12km, ML3.4/37, Error ellipse: s-maj=14.6km s-min=7.9km az=25.0

BEO 30 07:24:53.0±0.2, 45.47N;16.15E, h15km, 3km, ML2.8/10

RHSSO 30 07:24:54.4±0.7, 45.43N;16.21E, h10km

PRU 30 07:24:54.6±1.0, 45.46N;16.21E, h10km

ISC 30 07:24:52.6±1.0, 45.46N;16.01E, h9km, 8km, n119, <0.19/19, 4C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like ZAG, ZAG, ZAG, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like LOBO, LOBO, KALN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like FRGS Fruska Gora, WINA Alland / Wiener, MOA Molin, BIOA Bad Ischl, ABTA Abfaltersbach, BBLs Lazia, BUD Budapest, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like STR 30 07:25:44.1, REMY Saint-Rhemy-en, RAL Roselend, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like IDC 30 07:32:39.9, H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ASRS 30 07:37:18.0, H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

0.1nm,0.3s,baz=52,slow=28,SNR=5.8
0.2nm,0.4s
MKAR SONMI Songoing Array 11.44 115 AML AML Lg 07 43 18.1

SNET 30 07:27:22.0:1.3, 12.97N:90.13W, h12km, 8km, ML4.0, Presumed earthquake
GCG 30 07:27:24.6:1.9, 13.11N:90.25W, h24km, 12km, MD4.3, MW3.2, Presumed earthquake

CATAC 30 07:27:25.3:0.5, 13.1N:2.9'OW:1.1, h35km, 11km, M3.9/4.0, s-min=3, 1km az=49.5, confirmed
IDC 30 07:27:29.1:2.1, 13.49N:89.55W, h66km, 14km, mb3.6/4, mb1mp3.9/5, MS3.5/5, Error ellipse: s-maj=51.8km s-min=10.3km az=47.0

ISC 30 07:27:26.1:4.1, 13.06N:07.90:04W, h54km, 12km, n87, f107/105, mb4.1/3, MS3.8/4, 6C, Near coast of Guatemala
Code Station Name Azimuth Phase ID Time Residual ISC h m s ISC

APG 16nm,0.5s,baz=94,slow=16,SNR=15
LCND La Caada 2.11 83 P Pn 07 37 59.5 +0.6
LCND La Caada 2.11 83 P Pn 07 37 59.3 +0.3
CNCH Conchagua 2.16 84 P Pn 07 38 00.3 +0.6

JTS 2.6nm,0.2s,baz=310,slow=18,SNR=12
JTS 07 39 50.6 -1.7
JTS 2.6nm,0.4s,baz=296,slow=20,SNR=15
JTS 07 41 13.8

UPA 30 07:53:47.6:1.4, 8.73N:83.25W, h14km, 2km, MW3.7, Presumed earthquake
CATAC 30 07:53:47.2:0.3, 9'N:3'8'W:1.1, h10km, 3km, M4.0/2.1, mb4.3/3, mb5.0/3, MLV3.8/2.1, Mw(mb)4.3/3, Error ellipse: s-maj=6.9km s-min=4.6km az=0.0, confirmed
UCR 30 07:53:47.4:0.7, 8.69N:83.29W, h24km, 1km, MW4.1,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like FITO Goffito, PIRO Carate, Puerto, PIRO Carate, Puerto, FIMO Fila Mora, PANP Palmar Norte, NELY Ciudad Neily, NELY Ciudad Neily, NELY San Vito, CDIO Canoas, CDIO Canoas, etc.

30d 8h

Table of astronomical observations for 30 days and 8 hours, listing stations like GERES, BZS, GCS, etc., and their corresponding data points.

2020 DEC

Table of astronomical observations for December 2020, listing stations like CLL, BURAR, MLR, etc., and their corresponding data points.

1546

Table of astronomical observations for 1546, listing stations like NNS, LATG, NFF, etc., and their corresponding data points.

1547

Table with columns: MOA, Molln, comp=Z, 1.0nm, 0.2s, 2.75 331 ePn, Pn, 08 43 37.0 +1.4, etc.

ATH 30 08:49:20.4, 38°38'22.02"E, h10km, ML1, 8/7, Latitude uncertainty: 0 km, Longitude uncertainty: 0 km

THE 30 08:48:20.7, 38.4N, 0.6, 22.0E, 0.6, h9km, 1km, M1, 7/15, ML1, 7/15, Greece

Main table for 1547 with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

ROM 30 08:51:24.6:0.1, 42.781N:0.003:13.065E:0.005, h10km, ML2, 0/28, Error ellipse: s-maj=0.4km s-min=0.1km az=97.0

SARA 30 08:51:25.5:0.2, 42.781N:0.004:13.044E:0.005, h7km, ML3, 5/5, MwP3, 1/5

ISC 30 08:51:24.9:0.9, 42.78N:0.02:13.07E:0.02, h12km, 5km, n29, az=47/52, Central Italy

Table for 1547 continuation with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

2020 DEC

Main table for 2020 DEC with columns: GAVE, comp=E, 874um, 0.7s, AML, AML, etc.

IDC 30 08:55:40.8:3.4, 53.58N:87.69E, h0km, mbtmp3.3/2, ML3, 0/2, Error ellipse: s-maj=26.2km s-min=16.7km az=71.0

ASRS 30 08:55:37.0:0.8, 53.55N:87.70E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table for 2020 DEC continuation with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

RHSSO 30 08:58:53.7:1.0, 45.39N:16.10E, h6km, 3km, ML2, 5/5, VIE 30 08:58:53.9:0.6, 45.44N:16.16E, h10km, mb2.4/5, ml2.5/8, Error ellipse: s-maj=4.6km s-min=2.0km az=172.0 9 km W of Petrinja

BEO 30 08:58:55.4:0.3, 45.32N:16.12E, h7km, 3km, ML2, 5/8, PRU 30 08:59:11.9, 46.83N:15.93E, h1km

Table for 2020 DEC continuation with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

30d 9h

Main table for 30d 9h with columns: MOSL, Moslavina, 0.46 68 i Pg, Pg, 08 59 02.3 0.0, etc.

30d 9h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHO Shikotan, NEM2 Nemuro 2, JRA Rausu, etc.

ASRS 30 09:27:41.0, 1.0, 53.57N-87.65E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

SOME 30 09:29:14.0, 0.42, 03N-85.97E, h15km, IDC 30 09:29:17.3-1.2, 41.87N-85.72E, h0km, mb3.7/6, etc.

NNC 30 09:29:17.9-2.6, 42.12N-85.84E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=20.5km s-min=13.6km az=152.0

ISC 30 09:29:20.6-1.1, 41.90N-0.09, 85.89E, h0km, h23km, n28, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHLS Shalkode, PDGK Podgornoye, DJR Jarkent, etc.

ASRS 30 09:50:31.0, 0.9, 53.94N-86.64E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 30 09:50:37.3-2.9, 53.77N-86.35E, h0km, mbmp3.0/2, ML2.9/2, Error ellipse: s-maj=26.2km s-min=13.7km az=87.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

2020 DEC

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, SONM AKTO, ARTI Arti, etc.

IDC 30 09:39:24.7-1.5, 8.05S-125.12E, h0km, mb3.3/1, mbmp3.5/5, ML3.4/4, Error ellipse: s-maj=35.9km s-min=19.3km az=68.0, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI Baumata, BATI Bati, FITZ Fitz, etc.

IDC 30 09:42:00.1-0.7, 7.3-81N-8.05E, h0km, mb3.6/11, mbmp3.6/16, ML2.9/4, MS2.9/4, Error ellipse: s-maj=17.1km s-min=11.7km az=76.0

NAO 30 09:42:00.2-0.5, 7.3-83N-8.14E, h10km, ML3.7, BER 30 09:42:02.1-3.3, 7.3-87N-8.37E, h10km, Mw4.1, ML3.7(NAO), Confirmed Earthquake

FCIAR 30 09:42:02.0, 7.3-69N-10.13E, h10km, station OMEGA has station magnitude of 3.40

KOLA 30 09:42:07.5, 7.3-54N-9.90E, h0km, ML2.5, Error ellipse: s-maj=24.6km s-min=14.6km az=150.0, Norwegian Sea

DNK 30 09:42:29.9-4.7, 80.61N-1.27W, h5km, 132km, ML1.3, Presumed earthquake

ISC 30 09:42:00.5-0.5, 73.84N-0.04, 9.02E, 0.05, h10km, n73, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BJO1 Bjornoya, BEAR Bear Island, BRBA Barentsburg A, etc.

ASRS 30 09:50:31.0, 0.9, 53.94N-86.64E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 30 09:47:24.7-2.6, 7.06N-124.50E, h23km, mb3.2/4, mbmp3.8/4, Error ellipse: s-maj=15.4km s-min=18.1km az=65.0

ISC 30 09:47:19.0-1.4, 5.06N-106.1248E, 0.3, h10km, n8, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BJO1 Bjornoya, BEAR Bear Island, BRBA Barentsburg A, etc.

1548

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VADS Vadsø, KONS Konvik, DAG Danmarks Havn, etc.

IDC 30 09:50:31.0, 0.9, 53.94N-86.64E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 30 09:50:37.3-2.9, 53.77N-86.35E, h0km, mbmp3.0/2, ML2.9/2, Error ellipse: s-maj=26.2km s-min=13.7km az=87.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HFS Hagsfjord, FIAO FINESS Array S, FIAO FINESS Array S, etc.

MAN 30 09:47:22.0, 5.18N-125.36E, h15km, MS3.1, IDC 30 09:47:24.7-2.6, 7.06N-124.50E, h23km, mb3.2/4, etc.

ISC 30 09:47:19.0-1.4, 5.06N-106.1248E, 0.3, h10km, n8, etc.

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

ASRS 30 09:50:31.0, 0.9, 53.94N-86.64E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 30 09:50:37.3-2.9, 53.77N-86.35E, h0km, mbmp3.0/2, ML2.9/2, Error ellipse: s-maj=26.2km s-min=13.7km az=87.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

30d 11h

Table listing astronomical objects with columns for JKA, magnitude, IAMB, IAMB, date, and magnitude. Includes objects like Kamikawa-asahi, ORZ, HILR, ULN, SONM, etc.

IDC 30 11:04:42.2-0.9, 37.75N-97.20W, h0km, mb4.1/7, mbmp4.0/13, ML3.2/3, Error ellipse: s-maj=15.8km s-min=10.7km az=155.0

NEIC 30 11:04:44.3-0.5, 37.71N-97.24W-0.02, h5km, 1km, mb4.1/13, mb_Lg3.8/175, ML3.9/18, Mwr3.7/16, Error ellipse: s-maj=3.1km s-min=2.4km az=269.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mm=4.00; Ms=3.03; Mw=0.67; Mi=0.67; M1=1.73; M2=1.84;

Fault plane solution: M=4.46000x10^14 Np1:80.57000; 546.60000; -1.59.02000; Np2:219.42000; 851.47000; -1.18.56000; Principal axes: T:4.0254, Pg:1.00000; Azm:238.0000; N:0.7647, Pg:2.0000; Azm:238.0000; P:4.7900, Pg:8.0000; Azm:66.0000;

NEIC 30 11:04:44.2, 37.71N-97.24W, h3km

ISC 30 11:04:42.7-1.6, 37.774N-0.06-97.20W-0.04, h6km, 13km, n207, 0.191/189, mb4.1/7, Kansas

Table listing station data with columns for Code, Station Name, Az, Phase ID, Time, Res, H, M, S. Includes stations like Argonia South, Blackwell, Sooner Cattle, etc.

2020 DEC

Main table of astronomical observations for December 2020, including objects like Maddies Station, Mountain Grove, Wichita Falls, etc., with columns for RA04, magnitude, Pn, date, and magnitude.

1550

Table listing astronomical objects for the 1550 magnitude range, including TASM, ASL_Pad, Albuq, etc., with columns for object name, magnitude, IAMB_Lg, date, and magnitude.

Table with columns: BLKN, Baker Lake, 26.62, 1, P, P, 11 10 22.0 +0.3, etc.

THE 30 11:18:27.6, 38.4N, 0.4, 22.0E, 0.6, h8km, 1km, M2, 2/16, MLh2, 2/16

ATH 30 11:18:27.0, 38.38N, 22.04E, h12km, 1km, M2, 1/15, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Main table for 1551 section with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc.

Table for 2020 DEC section with columns: YRMI, Loutra Irminis, 0.61 243, P, P, 11 18 39.4 -0.1, etc.

SOME 30 11:24:01.2, 43.57N, 69.78E, h0km, mb3.6, mpv2.8, NNC 30 11:24:01.1, 1.9, 43.70N, 69.80E, h0km, mb3.6, mpv2.8

KRNET 30 11:24:02.3, 0.1, 43.88N, 69.39E, mb3.0, ISC 30 11:24:02.7, 2.6, 43.73N, 0.008, 69.8E, 0.1, h0km, n10, r154/15, 9C-8D, Central Kazakhstan

Table for 2020 DEC section with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc.

THE 30 12:00:23.4, 38.4N, 0.6, 22.0E, 0.7, h7km, 1km, M1.5/8, MLh1.5/8, Greece

Table for 2020 DEC section with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc.

ZUR 30 12:01:15.8, 46.24N, 7.17E, h2km, 1km, MLh0.4/16, 4C-1D, Error ellipse: s-maj=2009.7km s-min=601.3km, az=111.0, Switzerland

Table for 2020 DEC section with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc.

Table with columns: SALAN, RAW1, Lenk, BE, 0.26 46, AML, AML, 12 01 24.6 +0.6

RHSSO 30 12:03:03.4, 0.9, 45.41N, 16.27E, h8km, 3km, ML2.4/5, VIE 30 12:03:03.1, 0.6, 45.49N, 16.29E, h10km, mb2.5, ml2.5/8, Error ellipse: s-maj=4.7km s-min=2.2km az=169.0 5 km

BEO 30 12:03:04.1, 0.3, 45.49N, 16.27E, h6km, 5km, ML2.3/9, PRU 30 12:03:05.5, 45.63N, 16.46E, h10km, ISC 30 12:03:02.1, 1.1, 45.51N, 0.02, 16.35E, 0.02, h5km, 9gkm, n62, e0.90/108, 1C-1D, Northwestern Balkan Peninsula

Main table for 30d 12h section with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc.

SJA 30 12:03:14.8, 0.8, 32.06S, 72.16W, h12km, 3km, ML4.2

30d 12h

MW4.0
IDC 30 12:03:14.8±0.8, 31°38'S; 72°09'W, h0km, mb4.2/6,
mbmp4.1/11, ML4.1/5, MS3.5/3, Error ellipse:
s-maj=20.0km s-min=16.1km az=134.0
NEIC 30 12:03:16.7±1.3, 32°02'S; 0°04'72"04W, 0°07'10"0kms, 1km,
mb4.4/11, ML4.2(GUC), Error ellipse: s-maj=10.7km
s-min=6.3km az=266.0
GUC 30 12:03:18.7±0.7, 32°04'S; 71°87'W, h28km, 3km, ML4.2,
Presumed earthquake
ISC 30 12:03:15.6±1.3, 32.01S; 0°02'71.94W, 0.04, h7km, gkm,
n131, r1908/155, mb4.4/8, 7C-5D, Near coast of central
Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists various seismic stations and their associated data points.

2020 DEC

Main table listing seismic events with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes event details like 'BO01 Tunca', 'DOCA Reserva Naturo', etc.

1552

Table listing seismic events with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes event details like 'HHC Hu-ho-hao-te', 'IDC 30 12:04:37.6±2.9', etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THAL, PDO, AMPL, LKR, LTK, ACOR, AMOT, RTZL.

IDC 30 12:38:22.2-2.8, 41.60N:142.21E, h71km, mbtmp3.5/7, mbtmp3.8/9, MS2.8/1, Error ellipse: s-maj=35.8km s-min=21.3km az=98.0

JMA 30 12:38:22.1-0.1, 41.6N:0.4:142.1E:0.4, h54km, 1km, MV3.1/39, E OFF AOMORI PREF

ISC 30 12:38:22.1-0.9, 41.56N:0.04:142.08E:0.06, h66km, 9gkm, n32, c086/31, mb3.7/7, Hokkaido region

Main table for station data in the 1555 section, listing various stations like JAHD, JARK, JARF, JOC, JKB, JNBK, etc.

IDC 30 12:40:18.3-1.5, 50.10N:76.10E, h0km, mbtmp2.5/3, ML1.8/3, Error ellipse: s-maj=18.3km s-min=9.5km az=32.0

NNC 30 12:40:19.7-1.1, 50.14N:0.08:76.10E:0.05, h0km, n9, c28/12, 3C-3D, Eastern Kazakhstan

Main table for station data in the 1555 section, listing stations like KURBB, KURK, KURK, BVAR, WRA, FINES, etc.

TRN 30 13:01:14.4, 16.71N-61.97W, h153km, MD3.5, East of Montserrat, Leeward Islands

Table for station data in the 1555 section, listing stations like DHSZ, SKI, ANWB, MAGL, MAGL, DLSB, DLSB.

IDC 30 13:02:53.5-6.4, 6.04S:151.63E, h63km, 53km, mb3.4/4, mbtmp3.7/5, ML1.9/1, Error ellipse: s-maj=70.1km s-min=32.7km az=121.0

ISC 30 13:02:51.6-1.3, 6.05S:151.8E:0.3, h50km, n6, c087/7, mb3.6/4, New Britain region

Table for station data in the 2020 DEC section, listing stations like PMG, PMG, PMG, ASAR, ILAR, QSPA, TORD.

ATH 30 13:10:55.2, 38.38N-22.04E, h8km, 1km, ML1.0/6, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Main table for station data in the 2020 DEC section, listing stations like SERG, SERG, KALE, KALE, MAGOU, Dorid, etc.

VIE 30 13:13:41.0-0.6, 45.37N:16.19E, h10km, mb2.5/8, ml2.9/11, Error ellipse: s-maj=4.6km s-min=2.2km az=174.0 11 km SW of Petrinja

KRSZO 30 13:13:41.1-1.6, 45.37N:16.21E, h7km, 12km, ML3.2/40, Error ellipse: s-maj=10.4km s-min=6.1km az=24.0

RHSSO 30 13:13:42.0-0.7, 45.39N:16.11E, h5km, 2km, ML2.8/7, BEO 30 13:13:42.0-0.2, 45.43N:16.21E, h19km, 4km, ML2.8/9

PRU 30 13:13:45.3, 45.66N:16.23E, h10km, n12, c18/07/183, 4C, Northwestern Balkan Peninsula

Main table for station data in the 2020 DEC section, listing stations like MOSL, MOSL, ZAG, ZAG, PUNTI, PUNTI, etc.

A2644 Tarany 1.03 45 Pg Pn 13 14 03.1 +1.9

VISS Visnje 1.06 291 i Pg Pn 13 14 01.1 -0.2

PKDS Podkum 1.08 306 i Pg Pn 13 14 01.7 0.0

BEHE Becehely 1.10 19 Pg Pn 13 14 03.4 +1.1

BEHE Becehely 1.10 19 ePg Pn 13 14 03.0 +0.7

GROS Grobnik 1.15 333 i Pg Pn 13 14 03.3 +0.2

A273A Marcsa 1.20 66 Pn Pn 13 14 03.4 -0.2

RIV Rijeka 1.25 266 ePg Pn 13 14 04.6 0.0

RIV Rijeka 1.25 266 ePg Pn 13 14 04.5 0.0

NVLJ Novajja 1.31 229 ePg Pn 13 14 05.4 -0.2

Table for station data in the 30d 13h section, listing stations like KNEZ, KNEZ, LJU, LJU, etc.

Kapofured 1.47 47 Pn Pn 13 14 07.9 -0.3

SOKA Soboth 1.51 326 ePn Pn 13 14 07.8 -0.1

SKDS Skadanscina 1.58 275 ePg Pn 13 14 10.5 +0.4

OBKA Obir 1.60 313 i Pn Pn 13 14 09.4 +0.2

MORI Morici 1.61 194 ePn Pn 13 14 11.1 +0.4

A261A Ohid 1.64 22 Pn Pn 13 14 10.8 -0.6

DUGI Dugi Otok 1.67 211 ePn Pn 13 14 12.4 +0.6

DUGI Gyulaj 1.78 51 Pn Pn 13 14 11.8 +0.2

MORH Mrgy, Hungar 1.85 64 Pn Pn 13 14 12.8 +0.4

MORH Mrgy, Hungar 1.85 64 ePn Pn 13 14 12.7 +0.2

MORH Mrgy, Hungar 1.85 64 ePn Pn 13 14 16.0 -0.6

MORH Mrgy, Hungar 1.85 64 ePn Pn 13 14 16.6 -0.9

MORH Mrgy, Hungar 1.85 64 ePn Pn 13 14 10.6 -0.6

MORH Mrgy, Hungar 1.85 64 ePn Pn 13 14 10.6 +0.1

MORH Mrgy, Hungar 1.85 64 ePn Pn 13 14 13.5 +0.9

TIH Tihany 1.86 37 Pn Pn 13 14 13.5 +0.9

A260A Vassurany 1.88 10 Pn Pn 13 14 43.8

ARSA Arzberg 1.89 345 Pn Pn 13 14 42.1

ARSA Arzberg 1.89 345 ePn Pn 13 14 42.1

ARSA Arzberg 1.89 345 ePn Pn 13 14 14.2 +1.1

ARSA Arzberg 1.89 345 ePn Pn 13 14 14.2 +1.1

ARSA Arzberg 1.89 345 ePn Pn 13 14 13.5 +0.4

ARSA Arzberg 1.89 345 ePn Pn 13 14 13.5 +0.4

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

MPLH Magyarpolny 1.95 27 Pn Pn 13 14 15.6 -0.9

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BR131 Keskin Array S, BRTR Keskin Array B, BRTR comp-Z, 1.1nm, 0.3s, baz=241, slow=13, SNR=13, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ASF comp-E, 5.9nm, 0.3s, Jabal al Asfar, MORH Mrgy, Hungary, MORH Mrgy, Hungary, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FINES FINESSE Array B, FINES comp-Z, 1.29nm, 19.6s, baz=199, slow=38, etc.

IDC 30 13:41:46.4+1.4, 7.38S; 128.50E, h160km, 15km, mb3.5/8, mbmp4.1/14, Error ellipse: s-maj=13.8km s-min=12.1km az=80.0

DJA 30 13:41:47.2+0.3, 7.3S; 129.9E, h178km, 9km, M4, 1/19, mb4.6/6, mb3.9/9, MLV4.4/19, Mw(m)3.8/6, MwMwp4.4/1, Mw4.8/1

ISC 30 13:41:45.4+0.6, 7.45S; 128.51E, 0.05, h151km, n35, z2511/40, mb3.8/8, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SOEI Soe, DARWIN Rock St, BATS Baunata, etc.

ROM 30 13:43:06.5+0.1, 42.798N; 0004:13.114E; 0.006, h11km, ML1.2/10, Error ellipse: s-maj=0.5km s-min=0.3km az=80.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NRCA Norcia, NRCA comp=E,1610um,0.1s, etc.

PRU 30 13:46:17.1, 50.22N; 19.27E, h0km, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OJC Ojcow, STEB Steborice, STEB comp=Z,8.8nm,0.3s, etc.

KRUC Moravsky 2.20 239 eSG Sb 13 47 25.9 +0.4 KHC Kasperke Hory 3.85 256 eSG Sg 13 48 18.5 -2.3

IDC 30 13:57:18.6+14.0, 20.95S; 178.46W, h448km, 107km, mb3.0/4, mbmp3.9/5, Error ellipse: s-maj=187.7km s-min=41.0km az=35.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, WRA Warrungunga Arr, GSPA South Pole Quai, etc.

IDC 30 14:03:55.9+1.0, 54.67N; 159.95W, h0km, mb3.6/12, mbmp3.7/16, ML3.7/16, Error ellipse: s-maj=24.8km s-min=14.4km az=178.0

AEIC 30 14:03:59.2+2.7, 54.32N; 0.06-159.62W; 0.06, h25km, 4km, s-maj=8.1km s-min=5.2km az=177.5

NEIC 30 14:04:00.9, 1.54; 67N; 0.04-159.76W; 0.04, h29km, 3km, mb4.2/26, ML3.9/36, ML3.7(AEIC), Error ellipse: s-maj=6.3km s-min=2.9km az=204.0

ISC 30 14:04:00.4+0.9, 54.65N; 159.73W; 0.03, h31km, 6km, n183, o080/193, mb4.0/24, South of Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNBA Chernabura Isl, CNBA comp=E,15um,0.5s, CHNA Chernabura Isl, etc.

ROM 30 14:03:06.5+0.1, 42.798N; 0004:13.114E; 0.006, h11km, ML1.2/10, Error ellipse: s-maj=0.5km s-min=0.3km az=80.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEC3 comp=E,263nm,1.0s, R16K Pilot Point, PLBL Peulik Blue Cr, etc.

ROM 30 14:03:06.5+0.1, 42.798N; 0004:13.114E; 0.006, h11km, ML1.2/10, Error ellipse: s-maj=0.5km s-min=0.3km az=80.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAWH Katmai, O14K Tugiyakuivert, O14K comp=E,146nm,0.9s, etc.

Q19K Cape Douglas, 5.43 35 Pn 14 05 19.6 +0.4 N15K Kwethluk River, 5.54 358 Pn 14 05 21.4 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like O18K Koktuh Hills, AUI Augustine Isla, N16K Nishik Lake, etc.

ILAR Mount Upton, 12.08 52 AML AML 14 06 50.0 -0.5 PNL Peninsula, 12.10 57 P 14 06 51.1 +0.6

DLBC Inuvik, 18.32 31 AML AML 14 08 10.3 -1.3 INK Inuvik, 18.32 31 AML AML 14 08 11.0 -0.6

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3 YKA Yellowknife Arr, 24.33 53 P 14 09 15.2 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, AB31 Akbulak array, etc.

GEN 30 14:11:42.8, 45:90N, 7:03E, h6km, MIO4
LDG 30 14:11:43.7, 45:86N, 7:02E, h10km, Md1.7/2, M1.1/2,
Error ellipse: s-maj=1.2km s-min=0.8km az=93.0

STR 30 14:11:43.5, 45:9N, 0:1:7:0E, 0:1, h13km, MLv0.8/7,
LOC SAT earthModelID alpes_taup-2.1 preliminary
ROM 30 14:11:43.0, 45:862N, 0:10:2:7:03E, 0:2, h11km,
ML0.9/6, Error ellipse: s-maj=1.4km s-min=1.0km
az=298.0

ZUR 30 14:11:44.0, 45:87N, 7:02E, h4km, 1km, MLhc0.9/21,
22C-2D, Error ellipse: s-maj=244.20km s-min=586.4km
az=230.0, Northern Italy

Main table for 1559 section, listing stations like BLANC P.ta Helbronne, CI20 La Palud, etc.

Table for 2020 DEC section, listing stations like LPG, LSD Lago del Serru, etc.

ZUR 30 14:11:51.7, 45:88N, 7:01E, h1km, 3km, MLhc0.3/6, 1C,
Error ellipse: s-maj=608.67km s-min=1077.0km
az=318.0, Northern Italy

Main table for 2020 DEC section, listing stations like BLANC P.ta Helbronne, CI20 La Palud, etc.

IDC 30 14:24:23.3, 0.4, 13.96N, 144.469E, h195km, 3km, mb3.2/10,
mbtmp3.8/10, Error ellipse: s-maj=24.4km s-min=15.1km
az=82.0

NEIC 30 14:24:24.1, 0.7, 14.06N, 144.46E, 0.2, h191km, 7km,
mb3.9/13, Error ellipse: s-maj=28.2km s-min=8.4km
az=115.0

ISC 30 14:23:23.7, 0.7, 14:00N, 0:09:144.7E, 0:1, h200km, n31,
c054/33, mb3.8/16, Mariana Islands

Main table for 2020 DEC section, listing stations like GUMO Guam, FLX Saipan, etc.

Table for 30d 15h section, listing stations like ASAR Alice Springs, MKAR Makanchi Array, etc.

ROM 30 15:02:51.7, 0.1, 43.293N, 0:00:2:12.773E, 0:005,
h18km, ML0.9/12, 1D, Error ellipse: s-maj=0.4km
s-min=0.0km az=81.0, Central Italy

Main table for 30d 15h section, listing stations like FOSV Fossato di Vic, SSFR Monteleone di S, etc.

IDC 30 15:04:05.8, 1.0, 38.38N, 22.00E, h0km, mb3.4/8,
mbtmp3.4/11, ML3.2/2, MS2/2, Error ellipse:
s-maj=18.7km s-min=14.8km az=60.0

TIR 30 15:04:05.9, 38.36N, 22.11E, h2km, 3km, ML3.6, ML3.6,
Presumed earthquake

ATH 30 15:04:06.9, 38.39N, 22.00E, h9km, ML3.3/48, Latitude
uncertainty: 0 km; Longitude uncertainty: 0 km
THE 30 15:04:07.1, 38.4N, 0:4:22:0E, 0:4, h7km, 1km, M3.4/20,
MLh3.4/20

ISC 30 15:04:07.1, 0.7, 38.37N, 0:01:22.00E, 0:01, h8km, 3km,
n124, c0589/174, mb3.6/6, Greece

Main table for 30d 15h section, listing stations like PYRG Pyrgos, TRIZ Trizonia, etc.

30d 15h

Table with columns for station name, coordinates, and various parameters. Includes stations like Plevrona-Mesol, Drossia, Goura, Araxos, Rioulos of Patr, Evrytania, Thalerio, Lamia, Prodrornos, Kiatos, Astakos, Ampelaki, Lokris, Acrocorinthos, Kyllini, Loutraki, Artemida-Makis, Zacharo, Platees, Ratzakli, Vlachokerasia, Nydri-Lefkada, Kipseli, Zakin, Lefkada island, Tetrakomo, Valsamata, Lefkada island, Lefkada island, Lefkada island, Lefkada island, Lefkada island, Pessada-Kefalo, Tsoukalades, Dragano-Lefkad, Epidavros, Klokotos Trika, Ithomi, Valyra, Stefani, Ano Fanari, Met, Dmoulouanata-K, Kameni Chora, Makryloggos, Me, Megalochori, Me, Niochori, Methana Town, Prmtd Pramanda, Athens Observa, Athens-Thissio, Athens Univers, Pyla, Voula, Athens, Dionis Attik, Alonissos-2, Kiproio, Kymi, Euboea I, Igoumenitsa, Litokhoron, Voula, Athens, Kozani, Karystos, Leskovik, Sarande, Nestorio, Kerkira, Korca, Ohrid, Valandovo.

2020 DEC

Table with columns for station name, coordinates, and various parameters. Includes stations like Peshkopia, Anoyia, Muntele Rosu, Keskin Array B, Vranov, Sonsec Array, NORSAR Array B, Kurcheatm Arr, Makanchi Array, Zalesovo Beam, Songino Array, Kureza Array, Pyrgos, Dorida, Sergoula, Trizonia, Magoula, Dorid, Efpalio, Kalitheia, Agios Giorgios, Lakka, Vomvokou, Vomvokou, Rio Chora, Ano Chora, Agrapidokambos, Patra C, Kalavryta, Ach, Kalavryta, Ach, Delphi, Paravola, Mioslongi, Plevrona-Mesol, Drossia, Drossia, Goura, Araxos, Araxos, Rioulos of Patr, Evrytania, Evrytania, Prodrornos, Lokris, Ampelaki, Artemida-Makis, Ratzakli, Kefa, Stephens Creek, Warramunga Arr, Alina Springs, Moslavina.

1560

Table with columns for station name, coordinates, and various parameters. Includes stations like Puntijarka, Gornji Cirmik, Cresnjevo Ost, Bojanci, Golise, Kalnik, Lobor, Legarje, Visnje, Podkum, Antikythira Is, Kythira Island, Kythira, Rodopos, Iera Moni Meta, Palaiochora Ch, Vellai, Sivas, Keskin Array B, Hagfros, Eskdalemuir Ar, Kurbb Kurchatov Arr, MKAR Makanchi Array, Zalesovo Beam, P.ta Helbronne, La Palud, Les Bois, Saint-Rhmy-en, Morge, Emosson Stauma, Sixt, Lac Salanfe, Reservoir Maze, Grande Dixence, Prayon, Val Fe, Morge, La Plagne, Lago del Serru.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MFERR, Les Bois, Saint-Rhmy-en, Morge, Sixt, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SERG, EFP, KALE, Lakka, Vomvokou, etc.

ADC 30 16:24:12.9; 18.0, 37.53S; 78.85E, h0km, mb3.6/3, mbtmp3.6/3, MS3.3/2, Error ellipse: s-maj=593.3km s-min=50.8km az=33.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H04N2, H04N1, H04N3, H01W2, etc.

ADC 30 15:53:19.8; 2.8, 28.36N; 139.60E, h538km, 40km, mb2.8/6, mbtmp3.8/7, Error ellipse: s-maj=81.3km s-min=14.3km az=74.0

ADC 30 15:53:19.8; 1.8, 28.5N; 139.9E; 0.5, h550km, n7, 0.562/7, mb3.4/6, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MJAR, MKAR, WRA, KURBS, ASAR, BVAR, FINES, etc.

ADC 30 16:01:31.0; 8.7, 16.44S; 177.11W, h400km, 31km, mb3.2/4, mbtmp4.0/5, Error ellipse: s-maj=167.2km s-min=43.0km az=28.0, Fiji Islands region

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

ATH 30 16:15:04.9; 35.27N; 22.82E, h54km, 7km, ML2.6/3, Latitude uncertainty: 3 km; Longitude uncertainty: 4 km

THE 30 16:15:06.4; 35.1N; 17.2E; 2.3E; 2.1, h10km, 18km, M2.3/5, MLh2.3/5

ADC 30 16:15:07.8; 2.6, 35.33N; 0.1; 23.0E; 0.1, h51km, n14, 0.156/20, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KNDR, ANKY, ROPD, IMMV, VAM, KTHA, etc.

THE 30 16:03.8; 38.4N; 0.5; 22.0E; 0.6, h7km, 1km, M1.6/9, MLh1.6/9, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NOUC, SANVU, etc.

ADC 30 16:37:57.0; 14.0, 1.17N; 126.35E, h0km, mb3.8/3, mbtmp3.8/4, ML4.1/1, MS3.3/1, Error ellipse: s-maj=223.7km s-min=109.8km az=150.0

DJA 30 16:38:04.0; 4.0, 9.1N; 12.1E; 12.6E; 1.1, h31km, 14km, M4.2/25, mB5.1/3, mb4.3/10, MLv4.1/25, Mw(MB)4.5/3

ADC 30 16:38:03.6; 1.2, 1.17N; 0.10; 126.12E; 0.05, h44km, n18, 0.157/13, mb3.7/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MNI, TMTI, GAMI, KMSI, GTOI, SANI, LUWI, NLAJ, APSI, KDI, BNDI, TTSTI, EDI, FITZ, FITZ, WRA, ASAR, CTA, STKA, etc.

NOU 30 16:44:05.7; 21.79S; 179.31W, h591km, mb4.5/44, Fiji Islands region

ADC 30 16:44:06.1; 3.1, 21.74S; 179.35W, h591km, 14km, mb4.0/64, Error ellipse: s-maj=16.3km s-min=13.9km

NEIC 30 16:44:06.2; 1.8, 21.81S; 0.10; 179.3W; 0.1, h593km, 6km, mb4.4/22, Error ellipse: s-maj=16.3km s-min=13.9km

GFZ 30 16:44:07.3; 0.7, 22.5S; 17.9W; 1.1, h599km, 6km, M4.4/22, mb4.4/22, Error ellipse: s-maj=16.5km s-min=11.3km az=87.9, confirmed

ADC 30 16:44:06.4; 0.3, 21.94S; 0.05; 179.49W; 0.06, h592km, n297, 0.155/317, mb4.5/68, 23C-16D, Fiji Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SANVU, GRZ, WAZ, WICZ, MBZ, MXZ, etc.

ADC 30 16:24:12.9; 18.0, 37.53S; 78.85E, h0km, mb3.6/3, mbtmp3.6/3, MS3.3/2, Error ellipse: s-maj=593.3km s-min=50.8km az=33.0, Mid-Indian Ridge

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

ADC 30 16:37:57.0; 14.0, 1.17N; 126.35E, h0km, mb3.8/3, mbtmp3.8/4, ML4.1/1, MS3.3/1, Error ellipse: s-maj=223.7km s-min=109.8km az=150.0

DJA 30 16:38:04.0; 4.0, 9.1N; 12.1E; 12.6E; 1.1, h31km, 14km, M4.2/25, mB5.1/3, mb4.3/10, MLv4.1/25, Mw(MB)4.5/3

ADC 30 16:38:03.6; 1.2, 1.17N; 0.10; 126.12E; 0.05, h44km, n18, 0.157/13, mb3.7/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WHZ, EIDS, ARMA, ARMA, ARMA, CTA, CTA, CTA, CTA, CTA, etc.

NOU 30 16:44:05.7; 21.79S; 179.31W, h591km, mb4.5/44, Fiji Islands region

ADC 30 16:44:06.1; 3.1, 21.74S; 179.35W, h591km, 14km, mb4.0/64, Error ellipse: s-maj=16.3km s-min=13.9km

NEIC 30 16:44:06.2; 1.8, 21.81S; 0.10; 179.3W; 0.1, h593km, 6km, mb4.4/22, Error ellipse: s-maj=16.3km s-min=13.9km

GFZ 30 16:44:07.3; 0.7, 22.5S; 17.9W; 1.1, h599km, 6km, M4.4/22, mb4.4/22, Error ellipse: s-maj=16.5km s-min=11.3km az=87.9, confirmed

ADC 30 16:44:06.4; 0.3, 21.94S; 0.05; 179.49W; 0.06, h592km, n297, 0.155/317, mb4.5/68, 23C-16D, Fiji Islands region

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

30d 17h

Table with columns: Station Name, Code, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Kununurra, Paso Flores, Chiang Mai, etc.

2020 DEC

Table with columns: Station Name, Code, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Lajitas Array, Paso Flores, Chiang Mai, etc.

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Table with columns: Station Name, Code, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Antikythira Is, Kythira Island, etc.

ADC 30 17:06:07.0, 1.0, 6.81'S, 126.91'E, h391km, 13km, mb3.1/8, mbmp3.9/11, Error ellipse: s-maj=17.4km s-min=12.9km az=90.0
DJA 30 17:06:07.8, 0.3, 7.3'S, 127.7'E, h398km, 5km, M4.0/24, mb4.0/2, mb3.8/11, MLV4.0/24, Mw(MB)3.0/2
ISC 30 17:06:07.7, 0.6, 6.86'S, 126.91'E, 0.08, h407km, n38, s1222, ad, mb3.5/8, Banda Sea

Table with columns: BATI, Baumata, 4.63 224 P, 17 07 26.8 +0.6, etc. Includes stations like BATI, SANI, MAUMERE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like GUMO, WARRAMUNGA ARR, etc.

TEH 30 17:47:22.1, 38.42N, 56.32E, h8km, 39km, ML4.0, Presumed earthquake

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like MRVT, BJRD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like IMND, BJND, ISFR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like SHRO, IGLO, IKRD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like TKDS, ISFB, GIDE, etc.

Table with columns: AB31, comp=Z, 1.2nm, 0.7s, baz=187, slow=24, SNR=12, etc. Includes stations like KBZ, KBZ, KBZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like GUMO, WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like WRA, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like SHRO, IGLO, IKRD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like SHRO, IGLO, IKRD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like SHRO, IGLO, IKRD, etc.

Table with columns: OZUR, AML, AML, Pn, 17 52 00.5 -2.6, etc. Includes stations like OZUR, TUDR, TESR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like GUMU, WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like WRA, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like SHRO, IGLO, IKRD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like SHRO, IGLO, IKRD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like SHRO, IGLO, IKRD, etc.

30d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like Yaita, YAL, SUDU, etc.

PRU 30 17:54:17.6, 49.82N: 18.52E, h0km
IPEC 30 17:54:16.7, 0.3, 49.86N: 18.54E, h1km, ML1.0/6, Error ellipse: s-maj=1.8km s-min=1.5km az=69.0, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like OKC, MORC, ANAC, etc.

UPP 30 18:00:22.5, 0.1, 67.06N: 20.93E, h0km, ML2.4, Suspected explosion
HEL 30 18:00:22.1, 0.2, 67.06N: 20.78E, h0km, ML2.1, Suspected explosion

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like DUNU, MASU, ERTU, etc.

ISD 30 18:00:22.5, 0.8, 67.09N: 0.02, 20.93E: 0.02, h0km, m50, s105/73, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like KLF, KALU, SJIJU, etc.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like VRF, OLKF, MSF, etc.

CRAAG 30 18:01:58.7, 36.36N: 2.64E, MI3.3, Algria 06km NW
MDD 30 18:01:59.5, 0.9, 36.33N: 2.72E, h8km, 15km, Mb3.9/22, M, mb3.2/18, Error ellipse: s-maj=20.5km s-min=3.5km az=141.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like ABKD, EMHD, EDDH, etc.

NOU 30 18:05:35.0, 34.32S: 179.45E, h363km, MLV4.1/6, South of Kermadec Islands
WEL 30 18:05:18.1, 1.3, 33.3S: 24.18W, 4.2, h283km, 51km, M4.4/7, mb4.3/2, ML4.1/8, MLV4.4/7, Mw(mb)3.4/2, Error ellipse: s-maj=58.1km s-min=23.8km az=113.5, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like MXZ, WNGZ, HAZ, etc.

OSPL 30 18:11:41.5, 2.5, 19.07N: 69.04W, h0km, 22km, ML2.5, Presumed earthquake
SDD 30 18:11:41.1, 3.2, 19.02N: 68.82W, h70km, 16km, MD3.5, ML2.8, MW3.4, Presumed earthquake

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like SMDR, PCDR, PCDR, etc.

IDC 30 18:24:45.5, 1.5, 18.69N: 107.73W, h0km, mb3.7/7, mbmp3.8/10, ML3.8, MS3.6/15, Error ellipse: s-maj=50.4km s-min=19.0km az=67.0, MEX 30 18:24:49.0, 0.8, 18.81N: 107.23W, h8km, 147km, MD4.4, Presumed earthquake
NEIC 30 18:24:49.0, 2.2, 18.85N: 107.07W: 0.06, h10km, 1km, mb4.0/67, Md4.4/23(MEX), Error ellipse: s-maj=13.3km s-min=8.8km az=211.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like CJM, YELPA, YELPA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, ISC, Time, Res, ISC. Includes stations like West Nyswonger, Lion Creek, Paradox Valley, etc.

CATAC 30 18:29:49.2±0.2, 12°N, 2°8'7W, h34km, 2km, M4.0/38, MLv4.0/38, Error ellipse: s-maj=3.8km s-min=1.9km az=37.1, confirmed

SNET 30 18:29:52.7±5.6, 12°32'N, 87°18'W, h31km, ML3.5, Presumed earthquake

ISC 30 18:29:46.8±1.3, 12.09N±0.04, 87°23'W±0.03, h11km±10km, n40, c057774, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Op, ISC, Time, Res, ISC. Includes stations like CRIN, TELN, CNGA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, ISC, Time, Res, ISC. Includes stations like CNCH, INTIP, LCND, etc.

VIE 30 18:34:16.7±1.3, 45°38'N, 16°16'E, h10km, mb2.5/1, ml2.7/1, Error ellipse: s-maj=9.4km s-min=7.6km az=27.0 12 km SW of Petrinja

ISC 30 18:34:12.9±2.7, 45°30'N±0.10, 16°29'E±0.07, h7km±16km, n7, c0978/12, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Op, ISC, Time, Res, ISC. Includes stations like MOSL, PLIT, PTJ, etc.

ICD 30 18:40:13.2±10.0, 28°86'S, 62°45'E, h0km, mb3.6/2, mbtmp3.6/2, Error ellipse: s-maj=586.4km s-min=56.5km az=34.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Op, ISC, Time, Res, ISC. Includes stations like H04N2, H04N1, ASAR, etc.

KRSZO 30 18:43:55.6±2.2, 45°41'N, 16°09'E, h10km, 14km, ML3.0/40, Error ellipse: s-maj=16.3km s-min=10.1km az=23.0

VIE 30 18:43:55.5±0.8, 45°40'N, 16°17'E, h10km, mb2.3/11, ml2.5/11, Error ellipse: s-maj=5.2km s-min=3.9km

BEQ 30 18:43:56.9±0.2, 45°47'N, 16°22'E, h12km, 3km, ML2.9/3, RHSSO 30 18:43:58.1±0.7, 45°43'N, 16°25'E, h5km, 2km, ML2.5/7

PRU 30 18:43:58.6±45.60N, 16°32'E, h10km, ISC 30 18:43:55.8±1.0, 45°44'N±0.01, 16°21'E±0.01, h9km±8km, n89, c096/143, 1C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Op, ISC, Time, Res, ISC. Includes stations like MOSL, ZAG, Puntijarka, etc.

CRES Cresnjevec Ost 0.66 306 Pn P 18 44 09.5 0.0

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.1 -0.4

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.5 -0.5

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.5 -0.5

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.5 -0.5

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.5 -0.5

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.5 -0.5

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.5 -0.5

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.5 -0.5

CRES Cresnjevec Ost 0.66 306 iPg P 18 44 08.5 -0.5

Table with columns: Code, Station Name, Azimuth, Elevation, Op, ISC, Time, Res, ISC. Includes stations like RABC, RAB, CEY, etc.

MORI Morici 1.61 193 ePn P 18 44 25.9 +0.1

MORI Morici 1.61 193 ePn P 18 44 25.9 +0.1

MORI Morici 1.61 193 ePn P 18 44 25.9 +0.1

MORI Morici 1.61 193 ePn P 18 44 25.9 +0.1

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MORI Morici 1.61 193 ePn P 18 44 25.9 +0.1

MORI Morici 1.61 193 ePn P 18 44 25.9 +0.1

MORI Morici 1.61 193 ePn P 18 44 25.9 +0.1

ISC 30 18:45:12.7±0.8, 36°44'N, 28°77'E, h0km, mb3.7/6, mbtmp3.7/12, ML3.1/4, Error ellipse: s-maj=13.8km s-min=10.9km az=168.0

NIC 30 18:45:12.8, 36°48'N, 28°76'E, h13km, 1km, M3.0/8, ISC 30 18:45:12.8, 36°48'N, 28°77'E, h5km, ML3.7/24

AFD 30 18:45:13.4, 36°49'N, 28°77'E, h12km, 2km, M3.6/3, THE 30 18:45:13.8, 36°N, 2°E, h0km, 4km, M3.2/8, MLh3.2/8

ATH 30 18:45:13.4, 36°46'N, 28°76'E, h6km, 1km, ML3.3/6, Latitude uncertainty: 1 km

GII 30 18:45:16.8±0.0, 35°81'N±0.003, 28°72'E±0.001, h0km, Mws3.2, confirmed

ISC 30 18:45:13.5±1.0, 36°46'N±0.02, 28°73'E±0.01, h10km±7km, n111, c1943/165, mb3.4/5, Dodecanese Islands

FETH Fethiye 0.33 59 Op P 18 44 17.1 +0.1

FETH Fethiye 0.33 59 Op P 18 44 17.1 +0.1

FETH Fethiye 0.33 59 Op P 18 44 17.1 +0.1

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FETH Fethiye 0.33 59 Op P 18 44 17.1 +0.1

FETH Fethiye 0.33 59 Op P 18 44 17.1 +0.1

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like IZZE, SABU, RDH1, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like THERA, NPS, AKMS, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like FAKI, LUWI, GTOI, etc.

Text block containing astronomical data and coordinates: IDC 30 19:10.18, 2.0, 4.2, 38S, 127.46E, h0km, mb4.3/21, mbmp4.4/27, ML4.6/6, MS3.736, Error ellipse: s-maj=12.9km s-min=9.9km az=82.0, NEIC 30 19:10.20, 7.2, 1.2, 40S, 0.05, 127.49E, 0.06, h16km, 4km, mb4.8/11, Error ellipse: s-maj=8.9km s-min=7.3km az=114.0, BUJ 30 19:10.21, 0.2, 40S, 127.50E, h29km, mb5.27, mb4.6/34, Ms4.7/1, DJA 30 19:10.21, 5.0, 1.2, 2, S, 1, 12, 7E, h10km, M4.6/48, mB5.2/24, mb4.8/41, MLV4.8/48, Mw(mB)4.5/24, GFZ 30 19:10.22, 0.1, 2, S, 2, 12, 8E, h28km, M4.9/39, GCMT 30 19:10.23, 0.3, 2, 34S, 0.02, 127.42E, 0.02, h13km, 2km, MW4.7/77, Moment Tensor Solution, s14.c15; s77.c103; Duration: 0 Moment tensor: Scale 10^19Nm; M0, 13z.07; Mw1.43z.07; Mw-1.55z.09; Mw-0.22z.16; Mw-0.13z.06; Mw-0.33z.18; Best double couple: M1.54600x10^16 NP1=3p71.00000; 876.00000; lambda=2.00000; NP2=0.480000; 889.00000; lambda=166.00000. Principal axes: T 1.4690, P1g9.0000, Azm181.0000; N 0.61610, P1g76.0000, Azm53.0000; P -1.6230, P1g11.0000. Azm273.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Delta RA, Delta Dec, Op, ISC, Phase ID, Time, Res, h, m, s, ISC. Includes entries like NLAI, NLAJ, NLAJ, etc.

30d 19h

Table with columns for station name, frequency, and signal strength. Includes stations like ZRH, CIT, TRG, CRS, UUD, FFNB, KAB, STDB, HRMR, VBR, BGT, KHN, LSTR, IVK, YKL, TLY, KPC, ZAK.

2020 DEC

Table with columns for station name, frequency, and signal strength. Includes stations like ZAK, MOY, ORL, CLNS, HILR, ULN, HIA, SONM, ZEA, HEH, YAK, KLR, ZALV, NRIK, NRIK, TIXI, KURK, MK31, MKAR, KURBB, BVAR, BORK, AAK, ARCES, OBN.

1568

Table with columns for station name, frequency, and signal strength. Includes stations like OBN, FINES, KBZ, ILAR, AKASG, HFS, NB2, NOA, BRTR, YKA, ASAR, PDG, VIE, KRSZO, GFZ, BEO, RHSSO, PRU, ISC, Code, Station Name, Phase ID, Time, Res.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KNDS, LJU, NVLI, GBAS, PERS, SOKA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NKME, BSZH, IVAS, Herceg Novi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CTA, Charters Tower, SIUI, etc.

30d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, IMAR Indian Mountain, ILAR Eielson Array, etc.

IDC 30 19:48:27.6:1.4, 55.79N:111.14E, h0km, mb3.1/3, mbtmp3.4/7, ML3.4/4, Error ellipse: s-maj=19.9km

BYKL 30 19:48:28.3:0.2, 55.73N:111.02E, h3km, 3km

ISC 30 19:48:27.9:1.1, 55.74N:0.03:111.14E:0.02, h2km, gkm, n36, c236/87, 3C-1D, Lake Baykal region

Main table for 30d 20h section, listing station codes (KMO, YOAB, YLVR, etc.), station names, coordinates, and observation times.

2020 DEC

Main table for 2020 DEC section, listing station codes (CRS, UDOB, FFNB, etc.), station names, coordinates, and observation times.

1570

Table for 1570 section, listing station codes (UDBI, RABC, NVLJ, etc.), station names, coordinates, and observation times.

ATH 30 19:55:25.5, 38.18N-22.64E, h14km, 1km, ML1.9/6, Latitude uncertainty: 0 km; Longitude uncertainty: 0

Table for ATH section, listing station codes (THAL, KAAA, LKTR, etc.), station names, coordinates, and observation times.

CATAC 30 20:09:06.0:1.0, 2.5:5.7W, h19km, gkm, M3.8/10, mb3.8/1, ML3.7/10, Error ellipse: s-maj=12.9km

RSNC 30 20:09:07.3:0.6, 2.5:3.7W, h179km, 6km, M3.7, ML2.9, IDC 30 20:09:08.7:2.8, 1.56S:77.70W, h185km, 31km, mb3.1/3, mbtmp3.8/6, Error ellipse: s-maj=36.8km s-min=27.1km

ISC 30 20:09:07.6:0.8, 1.65S:0.05:77.88W:0.07, h181km, 7km, n34, c1907/44, Ecuador

Main table for 1570 section, listing station codes (PIAT, VCES, CHSH, etc.), station names, coordinates, and observation times.

VIE 30 19:49:18.6:1.2, 45.43N:16.05E, h10km, mb5.3/1, ml1.3/2, Error ellipse: s-maj=7.3km s-min=6.2km az=164.0 17 km W of Petrinja

ISC 30 19:49:15.3:1.1, 45.540N:0.02:16.22E:0.04, h15km, 10km, n15, c0872/30, Northwestern Balkan Peninsula

Main table for VIE/ISC section, listing station codes (MOSL, ZAG, PTJ, etc.), station names, coordinates, and observation times.

JMA 30 20:11:02.0:0.1, 38.77N:0.2:142.3E:0.3, h41km, MV3.5/39, E OFF MIYAGI PREF

NIED 30 20:11:02.0, 38.77N:142.27E, h41km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; M3.3:1.7; M3.6:0.01; M3.8:3.16; M3.9:0.14; M4.0:1.05; M4.1:3.9; Fault plane solution: M3.3:61000x10^14 Np; phi:158.00000; 334.00000; 182.00000; NP2: phi:348.00000; delta:66.00000; lambda:95.00000

IDC 30 20:11:06:2.0, 39.35N:140.91E, h0km, mb3.6/4, mbtmp3.6/6, ML2.9/2, Error ellipse: s-maj=44.1km s-min=20.1km az=123.0

ISC 30 20:11:02.4:1.8, 38.77N:0.08:142.3E:0.1, h35km, n12, c1976/16, mb3.5/4, 9D, Near east coast of eastern Honshu

Main table for JMA/NIED/ISC section, listing station codes (OFUJ, KJMT, JIO, etc.), station names, coordinates, and observation times.

30d 21h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SKLAK Lake, Holifna River, Big River Lodge, etc.

GC 30 21:23:21.1±0.0, 28°12'N, 0°03:33:925E, 0°00'1, h0km, Mws2.7, confirmed

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like RSHS, HAQS, AYUS, etc.

IDC 30 21:27:25.3±0.5, 7°78'N, 127°23'E, h0km, mb4.2/17, mblmp4.2/19, ML4.42, Error ellipse: s-maj=17.3km

MAN 30 21:27:26.0, 7°62'N, 127°17'E, h8km, MS3.5

MAN INTENSITY II - BAGANG DAVAO ORIENTAL, DIA 30 21:27:27.3±0.0, 8°12'N, 127°12'E, h40km, M4.8/20, mb4.9/20, m5.1/7, MLV5.0/6, MWM(1)M4.5/7

NEIC 30 21:27:32.6±1.6, 7°64'N, 126°92'E, h53km, 7km, mb4.6/36, Error ellipse: s-maj=11.8km s-min=11.4km az=124.0

ISC 30 21:27:28.7±1.6, 7°67'N, 127°14'E, h23km, 11km, n105, r1563/117, mb4.5/36, Phillipine Islands region

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CDOP, BIPH, TSSP, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Dipolog City, Palo, Lapu-Lapu, Sibulan, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Clear Creek Bu, Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARS Arzberg, MFLH Magyarpolny, RICI Ricice, etc.

WBNET 30 21:34:16.9, 50.27N, 12.44E, h10km, MIO.0, 4C-6D, Germany

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBCW Luby, NKC Novy Kostel, VAC Vackov, etc.

NEIC 30 21:41:09.7, 1.8, 19.17N, 0.07, 64.58W, 0.05, h10km, 2km, ML2.9/31, Md3.6/(RSPR), Error ellipse: s-maj=12.6km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUMP Col San Antoni, GPCR Guaynabo City, SMRT St. Maarten, etc.

IDC 30 21:58:14.0, 0.7, 1.25S, 13.84W, h0km, mb4.0/14, mbtmp4.0/15, M-L4, 1/1, MS3.7/40, Error ellipse: s-maj=27.6km s-min=14.6km az=124.0

251.00000°, 889.00000°, 1.179.00000°. Principal axes: T 2.1740, Plg2.0000°, Azm206.0000°, N -0.1570, Plg88.0000°, Azm28.0000°; P -2.0120, Plg0.0000°, Azm296.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 30 21:58:14.6, 0.5, 1.34S, 0.07, 13.6W, 0.1, h10km, n67, c240/45, mb4.2/18, MS3.7/39, North of Ascension Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N2 ASCENSION HYDR, H10N1 ASCENSION HYDR, etc.

WBNET 30 21:59:51.6, 50.28N, 12.44E, h9km, MIO.1, 5C-6D, Germany

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBCW Luby, NKC Novy Kostel, POCW Potky, etc.

Duration: 0 Moment tensor: Scale 10^16Nm; Mir-0.15z; 15; M0=1.34z, 12; M00=-1.18z, 12; M01=0.06z, 14; M02=-1.67z, 08; M03=0.03z, 15; Best double couple: M02.09300x/1016 NP1=341.00000°, 889.00000°, 1.1.00000°. NP2:

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAZ, FINES FINES Array B, etc.

WBNET 30 22:02:22.0, 0.1, 45.42N, 16.32E, h6km, ML.1, 7/4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOSL Moslavina, ZAG Zagreb, PTJ Puntijarka, etc.

WBNET 30 22:03:10.2, 1.0, 45.44N, 0.02, 16.22E, 0.03, h16km, gkm, n18, c073/34, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOSL Moslavina, ZAG Zagreb, PTJ Puntijarka, etc.

Duration: 0 Moment tensor: Scale 10^16Nm; Mir-0.15z; 15; M0=1.34z, 12; M00=-1.18z, 12; M01=0.06z, 14; M02=-1.67z, 08; M03=0.03z, 15; Best double couple: M02.09300x/1016 NP1=341.00000°, 889.00000°, 1.1.00000°. NP2:

30d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for RIV, NVLJ, SOKA, OBKA, MORH, TEKS, FRGS.

RHSSO 30 22:05:17.2-1.1, 45.40N-16.26E, h6km, ML1.6/3, VIE 30 22:05:17.9-1.2, 45.38N-16.10E, h10km, mb2.1/1, ml2.2/3, Error ellipse: s-maj=7.4km s-min=6.5km az=168.0 16 km WSW of Petrinja

ISC 30 22:05:16.4-1.1, 45.40N-16.23E, h4km, 10km, n20, c0548/37, 2C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MOSL, ZAG, PTJ, OZLJ, PLIT, KALN, LOBO, UDBI, BLY, BEHE, RABC, NOV, SOKA, MORI, OBKA, DUGI, ZIRJ, MORH, RONA, TEKS.

TRN 30 22:05:30.0, 10.70N-62.40W, h66km, MD2.6, Paria peninsula.

FUNV 30 22:05:49.7, 10.79N-62.33W, h35km, MV3.0, Presumed earthquake

ISC 30 22:05:47.4-1.3, 10.72N-62.34W, h75km, n11, c0577/19, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DMDM, PSKH, PSGH, TRN, GRGR, GRW, PCRW, SVB, CACV.

LJU 30 22:06:16.9, 46.07N-14.99E, h5km, ML0.9, 1C, Presumed earthquake, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PDKS, VNSD, LEGS, VISS, ZAVS, MOZS, PTJ.

VIE 30 22:17:25.0-2.6, 45.38N-16.20E, h10km, mb2.2/9, ml2.3/11, Error ellipse: s-maj=4.1km s-min=3.2km az=179.0 9 km SW of Petrinja

KRSZO 30 22:17:25.9-1.3, 45.42N-16.20E, h5km, ML2.8/26, Error ellipse: s-maj=9.9km s-min=7.7km az=13.0

RHSSO 30 22:17:26.0-0.7, 45.39N-16.21E, h6km, 2km, ML2.7/8, BEO 30 22:17:26.2-0.2, 45.45N-16.21E, h13km, 3km, ML2.9/5, PRU 30 22:17:27.4, 45.57N-16.37E, h10km

ISC 30 22:17:25.1-1.0, 45.42N-16.23E, h7km, 9km, n81, c1902/132, 2C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MOSL, ZAG, PTJ, OZLJ, GCIS.

2020 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BOVS, PLIT, KALN, LOBO, UDBI, BLY, BANJA, KOGS, BEHE, MORH, RABC, NOV, SOKA, MORI, OBKA, DUGI, ZIRJ, MORH, RONA, TEKS.

BOVS Bojanci 0.69 277 ePg Pg 22 17 38.4 0.0

PLIT Plitvice 0.69 219 i Pg Pg 22 17 38.4 0.0

KALN Kalnik 0.73 13 i Pg Pg 22 17 39.9 -0.4

LOBO Lobor 0.74 351 ePg Pg 22 17 49.8 -0.7

UDBI Udbina 0.95 200 ePg Pg 22 17 42.9 -0.5

BLY Banja Luka 0.95 134 Pg Pg 22 17 43.2 -0.2

BANJA Luka 0.95 134 ePg Pg 22 17 43.2 -0.2

BLY Banja Luka 0.95 134 i Pg Pg 22 17 42.9 -0.5

KOGS Kog 1.03 1 Pg Pg 22 17 45.5 +0.3

KOGS Kog 1.03 1 i Pg Pg 22 17 45.3 +0.1

BEHE Becehely 1.12 20 Pg Pg 22 17 47.0 +0.3

BEHE Becehely 1.12 20 i Pg Pg 22 17 47.0 +0.3

RAB Rab 1.23 237 ePg Pg 22 17 47.9 -0.7

RAB Rab 1.23 266 ePg Pg 22 17 48.0 -0.7

RIV Rijeka 1.23 266 ePg Pg 22 17 48.1 -0.7

RIV Rijeka 1.23 266 ePg Pg 22 17 48.1 -0.7

NOVALJA Novalja 1.29 229 ePg Pg 22 17 49.4 -0.4

CERKNICA Cerknica 1.30 285 ePg Pg 22 18 05.9 +0.2

KIJEVO Kijevo 1.42 175 ePg Pg 22 17 51.7 +0.3

KOVH Kovogototos 1.47 62 Pg Pg 22 17 53.7 +0.4

KAPUSFURED Kaposfured 1.48 47 Pg Pg 22 18 13.7

SOKA Soboth 1.51 327 i Pg Pg 22 17 52.3 -0.3

SKDSS Skadanscna 1.56 275 ePg Pg 22 17 54.0 -0.4

MORICI Morici 1.60 194 ePg Pg 22 17 54.8 -0.2

OBKA Obir 1.60 313 Pg Pg 22 17 56.6 +0.8

OBKA Obir 1.60 313 i Pg Pg 22 17 56.6 +0.8

DUGI Dugi Otok 1.66 211 ePg Pg 22 17 55.7 -0.2

OHID Ohid 1.66 22 ePg Pg 22 17 55.6 -0.4

GULYAL Gulyal 1.80 51 Pg Pg 22 17 59.0 -0.6

ZIRJ Zirje 1.82 194 ePg Pg 22 17 58.2 -0.4

MORH Mrgy, Hungary 1.87 64 Pg Pg 22 18 01.0 +0.1

MORH Mrgy, Hungary 1.87 64 ePg Pg 22 18 01.0 +0.1

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MORH Mrgy, Hungary 1.87 64 ePg Pg 22 18 01.0 +0.1

MORH Mrgy, Hungary 1.87 64 ePg Pg 22 18 01.0 +0.1

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for KUBS, KHC, ZVC, BARS.

ATH 30 22:18:37.8, 38.38N-22.03E, h9km, 1km, ML1.4/7, Latitude uncertainty: 0.0 km; Longitude uncertainty: 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SERG, MG00, KALE, EFP, AGE0, LAKA, VVK, VVK, RIOA, ANX, ANX, AGRP, KLV, DRO, GUR, EVR, PDO.

IDC 30 22:25:35.1-2.1, 1.60N-126.90E, h0km, mb3.7/4, mbtmp3.7/4, MS3.4/1, Error ellipse: s-maj=215.5km s-min=22.0km az=67.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WRA, ASAR, CMAR, MKAR, KURBE.

FUNV 30 22:27:08.5, 7.36N-72.05W, h7km, MW2.2, Presumed earthquake

RSNC 30 22:27:19.2-0.0, 7.1N-73.3W, h149km, 2km, M2.2, ML2.0, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BARC, BRJC, RUSC, PTBC, TAMC, OCAC, SPBC, ZARC, CHIC, ROSC, HELC, UREC, GUY2C, WILC, PTGC, PRAC, SJCC, SJCC, URMC, URIC.

IDC 30 22:30:36.4-0.9, 22.43N-121.58E, h0km, mb3.6/9, mbtmp3.6/10, ML3.3/1, MS3.5/8, Error ellipse: s-maj=33.2km s-min=18.0km az=68.0

JMA 30 22:30:38.4-0.0, 22.5N-121.5E, h40km, MV3.8/9, TAIWAN REGION

TAP 30 22:30:39.2, 22.44N-121.04E, h9km, ML4.4/C

ISC 30 22:30:39.1-0.9, 22.43N-121.11E, h10km, 6km, n144, c1926/197, mb3.5/9, MS3.5/8, 11C-3D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TAW, ECL, EAST, TTN, SLIU, TWGT, TWGT, TWG, SCZT, MASBT, SMST, LONT, LONT, SSPT, TSMG, HENGCHUN.

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1575

30d 22h

Table listing astronomical observations for stations 1575. Columns include station name, date, time, and coordinates. Rows include stations like HEN, SSD, TWKB, etc.

Table listing astronomical observations for stations 2020 DEC. Columns include station name, date, time, and coordinates. Rows include stations like SXFK, KSR5, CMAR, etc.

Table listing astronomical observations for stations 30d 22h. Columns include station name, date, time, and coordinates. Rows include stations like TAVA, AYDN, DDIM, etc.

30d 23h

Table with 5 columns: Station Name, Time, Res, etc. Includes MORH Mrgy, Hungary; MORH Tekeris; FRGS Fruska Gora.

ROM 30 22:55:56.0.1.42'815N.0'003.13'123E.0'004, h10km, ML0.9/12, 1C, Error ellipse: s-maj=0.3km s-min=0.2km az=67.0, Central I

Main table for 30d 23h section, listing stations like NORCIA, MC2 Monte Cornacci, MNO1 Montemonaco, etc.

IDC 30 23:00:40.8.4.2.20'96N.146'21E, h0km, mb3.9/9, mbtmp3.9/9, MS4.0/1, Error ellipse: s-maj=115.8km s-min=42.9km az=5.0

ISC 30 23:00:46.7.3.7.21'1N.0'07x146'2E.0.3, h34km, n10, 0.65/9, mb4.1/9, Mariana Islands region

Table for 30d 23h section, listing stations like KRSR Korea Array, HILR Hallar Array B, LZDM Lanzhou Array, etc.

MAN 30 23:02:55.0.5'02N.125'36E, h8km, MS4.2, DJA 30 23:02:57.2.0.3, 5'N.2'x12'5E, h10km, M4.4/10, mB5.0/2, mB4.5/6, MLV4.3/10, Mw(mB)4.3/2

NEIC 30 23:03:00.3.0.9.5'12N.0'04x126'E.0.08, h54km, 9km, mb4.6/17, Error ellipse: s-maj=12.9km s-min=3.7km az=108.0

IDC 30 23:03:02.1.1.7.5'24N.125'58E, h78km, 16km, mb3.7/10, mbtmp4.1/12, MS3.4/5, Error ellipse: s-maj=32.4km s-min=10.4km az=73.0

ISC 30 23:03:00.1.0.7.5'08N.0'04.125'28E.0'07, h55km, 6km, n6.5, c1965/75, mb4.5/23, MS3.6/4, Mindanao

Main table for 30d 23h section, listing stations like GSPH General Santos, KCP Kidapawan, DAV Davao City (W), etc.

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Table for 2020 DEC section, listing stations like FITZ Fitzroy Crossi, WBO Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr 26.41 161 P P 23 08 30.3 -1.4

WRA Marble Bar 26.64 192 P P 23 08 33.5 -0.3

NJ2 Nanjing 27.50 348 eP P 23 08 43.3 +1.8

CMAR Chang Mai Arr 28.95 300 P P 23 08 56.9 +2.3

ASAR Alice Springs 29.78 164 P P 23 09 02.1 +0.2

ASAR Alice Springs 29.78 164 P P 23 09 00.6 -1.2

ASAR Alice Springs 32.01 18 P P 23 09 19.8 -1.6

CTAO Charters Tower 32.41 141 IAMB IAMB 23 09 24.8 -0.2

HHC Hu-ho-hao-te 37.69 343 eP P 23 10 12.5 +2.1

HHC comp=Z,13nm,0.6s 45.58 342 P P 23 10 23.9 -0.7

BTO2 Baotou 38.11 341 eP P 23 10 16.8 +2.8

BTO2 comp=Z,1.0nm,0.7s 45.58 342 P P 23 10 29.0 -1.9

BTO2 comp=Z,250nm,6.0s 39.04 166 P P 23 10 21.8 +0.1

BBOO Buckleboo 39.04 166 P P 23 10 22.6

EIDS Eidsvold 39.29 142 P P 23 10 22.9 -1.0

USRK Ussuriysk Ar. 39.41 8 P P 23 10 23.1 -0.7

USRK Ussuriysk Ar. 39.41 8 P P 23 10 24.1 -0.5

USRK Stephens Creek 39.90 158 P P 23 10 29.5 +0.6

STKA Stephens Creek 39.90 158 P P 23 10 29.2 +0.4

SOMN Songoing Array 42.33 200 P P 23 11 14.1 -0.7

SONM comp=Z,0.6s, baz=153, slow=9.7, SNR=2.4 42.33 200 P P 23 11 01.6

CAN Canberra 45.96 153 P P 23 11 17.9 +0.1

TLY Talaya 49.81 343 LR LR 23 35 58.1

MKAR Makanchi Array 55.63 325 P P 23 12 30.3 -0.2

MKAR comp=Z,0.7nm,0.5s, baz=121, slow=7.2, SNR=9.3 55.63 325 P P 23 12 29.8 -0.6

NIL Nilore 55.97 307 IAMB IAMB 23 12 35.5

KSH2 Kashi 56.21 314 P P 23 12 36.8 +1.8

KSH2 comp=Z,4.0nm,0.7s 56.21 314 P P 23 12 36.8 -1.0

YAK Yakutsk 56.92 2 P P 23 12 59.2 -0.7

KURB Kurchatov Arr 59.84 328 P P 23 12 59.0 -0.9

KURB Batken 59.95 314 P P 23 13 02.2 -0.9

KKAR Karatay Array 61.27 317 P P 23 13 09.1 -0.8

IMAR Indian Mountai 81.71 24 P P 23 15 12.2 -0.3

TOLK Toolik Lake Re 83.52 22 P P 23 15 22.0 +0.1

RND Reindeer 83.64 27 IAMB IAMB 23 15 21.1 -0.8

ILAR Eielson Array 84.52 25 P P 23 15 24.9 -2.1

ILAR comp=Z,0.8nm,0.8s, baz=253, slow=4.8, SNR=8.7 84.52 25 P P 23 15 24.9

OBN Obninsk 85.14 325 LR LR 23 55 14.4

1576

Main table for 1576 section, listing stations like GLKZ Matakaoa Point, Te Kaha, WMGZ Waioomatatini S, etc.

SKHL 30 23:47:56.1.0.5, 47'10N.154'30E, h120km, 9km, mb5.0/4, msh5.6/4

IDC 30 23:48:04.9.2.7.47'74N.153'08E, h102km, 25km, mb3.9/9, mbtmp3.7/12, MS3.3/1, Error ellipse: s-maj=27.8km s-min=14.7km az=149.0

JMA 30 23:48:07.0.0.8, 46'N.5'x15'3E, h214km, MV3.7/15, KURILE ISLANDS REGION

ISC 30 23:48:02.8.0.8, 47'41N.0'1x153'43E.0'09, h100km, n31, c311/31, mb3.6/9, Kuril Islands

Main table for 1576 section, listing stations like SKR Severo-Kuril's, SKR 30nm,0.4s, SKR 100nm,0.3s, etc.

WEL 30 23:29:14.0.0.8, 32' S.13'x17'9E.3'1, h191km, 36km, M4.1/16, mb4.5/8, ML4.3/10, MLV4.6/16, Mw(mB)3.6/8, Error ellipse: s-maj=43.9km s-min=4.1km az=111.8

NOU 30 23:29:38.9, 35'04S.179'95E, h355km, MLV4.2/5, Off E. Coast of N. Island, N.Z.

ISC 30 23:29:10.0.2.3, 3'17S.0'1x178'4E.0'2, h200km, n30, c257/48, Kermadec Islands region

Table for 1576 section, listing stations like GLKZ Green Lake, GLKZ 4.03 53 P P 23 30 12.2 0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for MKAR Makanchi Array, KURBB Kurchatov Arra, YKA Yellowknife Ar, BVAR Borovoye Array, NVAR Mina Array Bea, ASAR Alice Springs, TXAR Lajlas Array.

IDC 30 23:55:35.5 ± 1.4, 28.87N; 140.43E, h0km, mb4.3/6, mtdmp4.3/6, Error ellipse: s-maj=50.4km s-min=-27.6km az=82.0

ISC 30 23:55:46.3 ± 1.4, 28.93N; 140.6E; 0.4, h90km, n6, α=63.6, mb4.2/6, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for PETK Petropavlovsk, WRA Warramunga Arr, KURBB Kurchatov Arra, BVAR Borovoye Array, FINES FINES Array B, MMAI Mount Meron Ar.

KRSZO 30 23:59:12.8 ± 1.2, 45.38N; 16.12E, h5km, 14km, ML2.8/26, Error ellipse: s-maj=11.1km s-min=5.4km az=55.0

VIE 30 23:59:13.2 ± 0.7, 45.37N; 16.12E, h9km, 2km, mb2.4/13, m2.5/16, ml2.5/16, Error ellipse: s-maj=4.4km

PRU 30 23:59:16.6 ± 0.5, 45.71N; 16.33E, h10km, Error ellipse: s-maj=5.2km s-min=3.8km az=165.0 15 km WSW of Petrinja

ISC 30 23:59:13.1 ± 1.0, 45.42N; 0.01621E, h9km, 8km, n62, α1502/100, Northwestern Balkan Peninsula

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for MOSL Moslavina, ZAG Zagreb, PTJ Puntijarka, OZLJ Ozalj, CRES Cresnjevec Ost, PLIT Plitvice, KALN Kalnik, LOBO Lobor, UDBI Udbina, BLY Banja Luka, KOGS Kog, A264A Tarany, BEHE Becsehely, RABC Rabc, RIV Rijeka, A273A Marcasa, NVLJ Novajla, KLVJ Kijevo, A263A Holad, A262A Szaknyer, KOVH Kovagotottos, KAPOSFURED Kaposfured, SOKA Soboth, OBKA Obkir, MORI Morici, DUGI Dugi Otok, A261A Ohid, A266A Gyulaj, ZIRJ Zirje, MORH Mrgy, Hungar, TIH Tihany, ARSA Arzberg, MPLH Magyarpolny, SESA Seetaler Alpe, SESA Ricice, RICR Ricice, EGYH Egyhazaskeszto.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for MYKA Terra Mystica, A267A Kaloz, MAKA Makarska, HVAR Hvar, ROSALIA Rosalia, CSKK Cskako, CONA Conrad Observa, KBA Koelnbreinsper, WINA Alland / Wiene, LSTV Lastovo, MOA Mollin, STON Ston, BIOA Bad Ischl, Aus, ABTA Abfaltersbach, LESA Schwarzloetol, ABNA Alensteig Bun, CKRC Kersky Krumlov, KRUC Moravsky, WTAA Wattenberg, VRAC Vranov, KHC Kasperske Hory, ZVC Zvikov.

PRU 30 23:59:57.2 ± 0.5, 50.05N; 18.36E, h0km, Error ellipse: s-maj=1.7km s-min=-1.5km az=23.0, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for RAC Raciborz, OAC Ostrava-Krasne, OKC Okc, STEB Steborice, MORC Moravsky Berou, ANAC Anecsky vrch, ANAC Anac, ANAC Losov, LOSC Losc, JAVC Javc, NIE Niedzica, NIE Niedzica, DPC Dobruska-Polom, VRAC Vranov, VRAC Vranov, VRAC Vranov, OSTC Ostc, KSP Ksiaz, CHVC Chvalec, CHVC Chvalec, UPIC Upice, KRUC Moravsky, KRUC Trest, TREC Trest, PVCC Panska Ves, PVCC Panska Ves, PRCA Prague, PRA Richard, RICR Ricice, ZVC Zvikov, ZVC Cesky Krumlov, CKRC Cesky Krumlov, CKRC Cesky Krumlov, HSKC Hora Svate Kat, HSKC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, NKCC Novy Kostel.

AUST 31 00:03:07.9 ± 0.3, 26.52°S; 130.0E ± 1.0, h10km, ML2.5/5, ML3.8/1, MLV3.5/2, Error ellipse: s-maj=5.3km s-min=4.7km az=48.1, Northern Territory

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for WRKA Warakurna, AUALC St Philip's Co, AS13 Alice Springs, AS03 Alice Springs, AS04 Alice Springs, FORF Forrest, OOD Oodnadatta, MULG Mulgathing, MULG Warramunga Arr, WRB Bucleklo, BBOO Bucleklo, YAPP Yappala Statio, YAPP Kununurra, KNRA Kununurra.

NEIC 31 00:11:08.1 ± 1.1, 11.83S; 0.09; 116.48E; 0.10, h10km, 1km, mb4.0/6, Error ellipse: s-maj=18.6km s-min=12.2km az=231.0

IDC 31 00:11:08.4 ± 1.5, 11.52S; 116.46E, h0km, mb4.2/6, mtdmp4.1/9, ML3.7/3, Error ellipse: s-maj=55.2km s-min=14.6km az=47.0

DJA 31 00:11:12.8 ± 0.3, 11.53S; 111.6E; 1.0km, M4.4/30, mB4.9/1, mb4.6/12, MLV4.3/30, Mw(MB)4.2/1

ISC 31 00:11:07.7 ± 0.1, 11.75S; 0.06; 116.45E; 0.06, h10km, n48, α198/55, mb4.3/9, South of Sumbawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for TWSI Taliwang, IGBI Denpasar, IGBI Plampang, DNP Denpasar, RTBI Rangdo, DBNI Kabupaten Domp, SRBI Singaraja, JAGI Jajag, Banyuwana, WAI Wai, ABJI Asem Bagus, LBFI Labuhan Bajo, BLJI Banyuwangi, PWJI Pagerwojo, EDFI Ende, SNJI Sawahan-Nganju, PCJI Pacitan, BSSI Bau Bau, BSSI Waganaga, UGM Waganaga, BKSI Bulukumba, BKSI Bungbulang, MRWA Marble Bar, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, GIRL Giralla, KNRA Kununurra, MORW Morawa, SIJI Sorong, WB0 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, USRK Ussuriysk Ar, USRK Ussuriysk Ar, SONM Songino Arr, SONM Songino Arr, HILR Hallier Array B, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, KURBB Kurchatov Arra, KURK Kurchatov, ZALV Zalesovo Ben, AB31 Akbulak array, AB31 Akbulak array.

RHSO 31 00:37:34.2 ± 0.8, 45.42N; 16.05E, h6km, 3km, ML2.5/6, VIE 31 00:37:35.0 ± 0.5, 45.49N; 16.14E, h10km, mb2.3/11, m2.6/16, ml2.5/16, Error ellipse: s-maj=3.9km

s-min=2.4km az=175.0 12 km WNW of Petrinja KRSZO 31 00:37:34.9 ± 1.5, 45.49N; 16.20E, h12km, 1km, ML2.9/36,

Error ellipse: s-maj=9.0km s-min=7.1km az=25.0

BE0 31 00:37:35.6, 0.3, 45:53N, 16:18E, h11km, 3km, ML2.9/4

PRU 31 00:37:37.8, 45:71N, 16:30E, h10km

ISC 31 00:37:34.4, 10.4, 45:50N, 02:16E, h13km, 8km, n101, r1909/159, 2C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, s, ISC. Lists stations like Zagreb, Puntijarka, Ouzalj, Gornji Cirkiv, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, s, ISC. Lists stations like CONA, KBA, KBA, TEKS, etc.

ISK 31 00:44:33.6, 37:67N, 25:92E, h5km, ML2.0/9
ATH 31 00:44:35.4, 37:68N, 25:98E, h60km, 5km, ML2.5/11
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, s, ISC. Lists stations like AFAD, KRL1, SMG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, s, ISC. Lists stations like NAZL, ESEN, MET1, etc.

ISC 31 00:51:26.9, 0.7, 37:79N, 26:82E, h0km, mb3.6/7, mbtmp3.5/14, ML3.2/6, MS2.9/5, Error ellipse: s-maj=11.8km s-min=10.7km az=59.0

AFAD 31 00:51:27.6, 37:83N, 26:77E, h11km, 3km, MW3.9
ISK 31 00:51:27.9, 37:84N, 26:78E, h8km, ML3.8/28
ATH 31 00:51:28.0, 37:83N, 26:77E, h12km, ML3.6/13, Latitude uncertainty: 0 km; Longitude uncertainty: 1 km

THE 31 00:51:28.1, 38°N, 2°E, h0km, 2km, M3.6/4, ML3.6/4
ISC 31 00:51:27.8, 0.7, 37:83N, 01:26.7E, 0.02, h14km, 4km, n142, r099/196, mb3.4/6, 26C-12D, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, s, ISC. Lists stations like KRL1, SMG, GMLD, etc.

Table of astronomical observations for station 1579, listing station names (e.g., AYVA, GORD, MANI), coordinates, and observation times.

Table of astronomical observations for station JMA 31, listing station names (e.g., EOSA, EWUT, TWC), coordinates, and observation times.

Table of astronomical observations for station MAKZ, listing station names (e.g., MAKZ, KURK, CHTO), coordinates, and observation times.

31d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TROLL, ILAR, VN3A, PDAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRSC, KDTR, RUS, etc.

2020 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GNL, MKZ, KZV, KZV, KZV, etc.

1580

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKA, SFJD, ESDC, etc.

1581

Table with columns for station name, time, and other parameters. Includes stations like SANI, NLAI, FITZ, CMAR, CHTO, CHTO, KNRA, etc.

2020 DEC

Main table of station data for December 2020. Columns include station name, time, and various parameters. Includes stations like NRK, BOS, BRTR, GSPA, etc.

31d 3h

Table showing 31-day and 3-hour data for various stations. Columns include station name, time, and other parameters. Includes stations like FUTA, MSVF, MSVF, etc.

31d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, BRTR Keskin Array B, GERE5 GERE5 Array B, etc.

IDC 31 03:11:46.8-0.6, 36.775:77.42E, h0km, mb4.2/15, mbmp4.2/15, MS3.9/23, Error ellipse: s-maj=21.8km s-min=19.8km az=53.0

NEIC 31 03:11:48.2-1.0, 36.955:0.04:77.5E:0.2, h10km, mb4.6/13, Error ellipse: s-maj=21.9km s-min=4.8km az=256.0

ISC 31 03:11:48.2-0.5, 36.905:0.08:77.5E:0.1, h10km, n70, o=8345, mb4.4/19, MS4.0/23, Mid-Indian Ridge

Main table of station data for the 31-day period, including station names, coordinates, and status. Includes stations like AIS Amsterdamsk Isla, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, etc.

2020 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songoiro Array, ZALV Zalesovo Farm, ZALV Zalesovo Farm, etc.

JMA 31 03:24:07.3-0.2, 24.24 N, 122.7E:0.5, h34km, 4km, MV2.5/15, NW OFF ISHIGAKIJIMA IS TAP 31 03:24:07.3, 23.91N, 122.75E, h34km, ML3.4, D

ISC 31 03:24:05.6, 11.23 39N, 122:76E:0.02, h20km, 4km, n71, o=95/121, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EOS4 EOS4, EOS5 EOS5, YONG YONG, etc.

Main table of station data for the 2020 DEC period, including station names, coordinates, and status. Includes stations like EOS4 EOS4, YONG YONG, HATJ HATJ, etc.

1582 km WSW of Petrinja, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like UDBI Udbina, UDBI Udbina, OBKA Obir, etc.

IDC 31 03:33:44.8-2.3, 45:47N:16:31E, h0km, mbtmp3.7/5, ML3.4/5, Error ellipse: s-maj=29.3km s-min=15.3km az=93.0

ROM 31 03:33:46.6-0.2, 45:398N:0:004-16:170E:0.006, h9km, 1km, ML4.0/116, Error ellipse: s-maj=0.5km s-min=0.1km az=213.0

BEO 31 03:33:47.6-0.2, 45:46N:16:20E, h14km, 2km, ML3.8/13 RHSSO 31 03:33:47.4-0.5, 45:40N:16:17E, h6km, 2km, ML4.0/8

MCSM 31 03:33:47.1-0.3, 45:45 N:3 x 1 6E, h10km, 4km, MB4.5, mb4.0, MLv4.2, Mw(MB)3.6

BGR 31 03:33:47.5-0.6, 45:43N:16:38E, h10km, ML3.9/16, Error ellipse: s-maj=6.7km s-min=5.6km az=88.0

GFZ 31 03:33:47.3, 45:45 N:3 x 1 6E, h10km, M4.1/12, mb4.0/12

PDG 31 03:33:47.4-0.5, 45:49N:16:20E, h23km, 1km, ML4.0/7, Error ellipse: s-maj=0.5km s-min=0.5km az=0.0

VIE 31 03:33:48.5-0.4, 45:55N:16:17E, h10km, mb3.2/25, ml3.8/25, ml3.7/25, Error ellipse: s-maj=3.6km s-min=2.2km az=171.0

PRU 31 03:33:50.2, 45:72N:16:13E, h2km, h10km, ISC 31 03:33:46.9-1.0, 45:47N:0:01x16:19E:0.01, h13km, 8km, n263, o143/368, 29C-16D, Northwestern Balkan Peninsula

Main table of station data for the 1582 km WSW of Petrinja region, including station names, coordinates, and status. Includes stations like BOJS Bojanci, BOJS Bojanci, BOJS Bojanci, etc.

1583

Table with columns: ID, Name, Frequency, Modulation, Power, Bandwidth, and other parameters. Rows include stations like KLUV Kijevo, CRNS Crni Vrh, SKDS Skadansko, etc.

2020 DEC

Table with columns: ID, Name, Frequency, Modulation, Power, Bandwidth, and other parameters. Rows include stations like BBLB Lazio, BBLB Bratislava, STON Ston, etc.

31d 3h

Table with columns: ID, Name, Frequency, Modulation, Power, Bandwidth, and other parameters. Rows include stations like UBR Ueberruh, GRC1 Grafenberg Arr, PRA Prague, etc.

Bottom right corner containing specific technical notes or metadata for the KRSZO station, including coordinates and error ellipse information.

31 Dec 3h

2020 DEC

1584

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like MSAI Masoshi, NLAJ Namlea, SANI Sanana, etc.

Table with columns: WHN, Wuhu, LYN, LuoYang, etc. Includes stations like HILR Hailar Array B, HHC Hu-hao-te, ENH Enshi, etc.

Table with columns: CAST, SKT, SKW, etc. Includes stations like SKWentna, Ishalintina Cre, Bear Paw Mtn, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like JMA 03:42:22.0, GZF 03:42:22.0, IDC 03:42:23.0, etc.

Table with columns: CMAR, BIL, WMO, etc. Includes stations like BILibino, BILiibino, WMO WMO, etc.

Table with columns: KIV, KIS, KIS, etc. Includes stations like KIV Kislovodsk, KISlovodsk, KISlovodsk, etc.

1585

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes entries like TRPA Tarpa, HWUT Hardware Ranch, FRB Frobisayer Bay, etc.

VIE 31 03:43:08.0, 0.4, 45.42N, 16.15E, h10km, mb2.4/10, m2.7/12, m2.6/12, Error ellipse: s-maj=3.1km s-min=1.9km az=175.0 11 km WSW of Petrinja

BEO 31 03:43:09.3, 0.2, 45.42N, 16.15E, h16km, 4km, ML2.9/4 RHSSO 31 03:43:10.0, 0.8, 45.41N, 16.23E, h5km, 2km, ML2.6/7

PRU 31 03:43:11.7, 45.65N, 16.28E, h10km ISC 31 03:43:07.4, 1.0, 45.43N, 16.24E, 0.02, h11km, 9km, n72, e117/123, 2C, Northwestern Balkan Peninsula

Main station list table for the 1585 region, including stations like MOSL Moslavina, ZAG Zagreb, BOJS Bojanci, etc.

2020 DEC

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes entries like MOA Molln, SRO Srobarova, ZST Bratislava, etc.

IOC 31 03:55:44.2, 0.7, 61.24N, 146.58W, h0km, mb3.7/11, mbmp3.7/16, ML3.4/5, MS3.2/2, Error ellipse: s-maj=12.3km s-min=10.8km az=91.0

NEIC 31 03:55:45.3, 1.8, 61.25N, 0.01, 146.37W, 0.03, h12km, 3km, mb4.0/3, ML3.7/176, Mw3.8/39, ML3.6(AE)(C), Error ellipse: s-maj=2.2km s-min=1.7km az=129.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M2.63; Mw=3.93; Mw=1.30; Mw=3.63; Mw=0.61; Mw=2.68; Fault plane solution: Ms=72000x10^14, NPT=126.63000, 330.36000, 3.148.93000; NP2=244.04000, 8.74.91000, 1.63.34000; Principal axes: T=5.8490, P1g53.0000; Azm123.0000; N=-0.2638, Plg26.0000; Azm251.0000; P=-5.852, Plg25.0000; Azm355.0000;

AEIC 31 03:55:45.4, 1.9, 61.21N, 0.01, 146.38W, 0.02, h0km, 6km Error ellipse: s-maj=1.8km s-min=1.5km az=154.0

NEIC 31 03:55:45.6, 1.6, 61.26N, 146.40W, h1km ISC 31 03:55:44.9, 1.1, 61.24N, 0.02, 146.38W, 0.02, h4km, 7km, n209, e093/192, mb3.8/12, Southern Alaska

Main station list table for the 2020 DEC region, including stations like MOA Molln, SRO Srobarova, ZST Bratislava, etc.

31d 3h

Main station list table for the 31d 3h region, including stations like RC01 Batdy, RC01 Cirque, CROM CROM, etc.

31d 4h

Table of station data for the 31-day period, including station names, coordinates, and various parameters like magnitude and distance.

2020 DEC

Main table of station data for December 2020, listing station names, codes, and associated seismic event details.

1586

Table of station data for station 1586, detailing its location and performance metrics.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Lists various stations like PLIT, BOUS, KALN, etc.

ICD 31 04:10:10.5-0.8, 52'01N-178'63E, h107km, 6km, mb3.7/20, mbmp4.1/22, MS3.5/2, Error ellipse: s-maj=17.2km, s-min=7.8km, az=2.0
NEIC 31 04:10:10.4-1.2, 51'39N-178'62E, h105km, 6km, mb4.3/95, ML3.9/14, ML3.7(AEIC), Error ellipse: s-maj=15.4km, s-min=8.2km, az=181.0
AEIC 31 04:10:10.0-1.4, 51'94N-178'71E, h107km, 5km, Error ellipse: s-maj=12.9km, s-min=8.0km, az=176.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like GASW, GAN, GANE, etc.

Table with columns: S, M, Y, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like ADK, ADA, ETKA, etc.

Table with columns: S, M, Y, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like NEA2, DHY, EYAK, etc.

Table with columns: H1, S1, WAKE ISLAND, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like H11S1, H11S2, H11S3, etc.

NEIC 31 04:22:03.2-2.1, 38'85N-122'80W, h105km, 1km, mb4.0/1, ML3.3/13, Mwr3.6/5(NCEDC), Error ellipse: s-maj=2.4km, s-min=2.2km, az=222.0
NEIC 31 04:22:03.4, 38'84N-122'82W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=-2.59; Mw=0.20; Mo=2.79; Mo=0.03; Mo=2.55; Mo=0.38; Fault plane solution: Ms=3.70000014 NP1=219.430000, d42.920000, -76.200000, NP2=20.880000, d48.600000, -102.510000. Principal axes: T: 4.2672, P: 0.0000, Azm: 120.0000, N: -1.6290, Plg: 0.0000, Azm2: 9.0000, P: 2.6393, Plg2: 0.0000, Azm22: 0.0000, NCEDC 31 04:22:03.4-1.8, 38'83N-122'82W, h105km, 1km, mb4.0/1, ML3.3/13, Mwr3.6/5(NCEDC), Error ellipse: s-maj=2.4km, s-min=2.2km, az=222.0

31d 4h

h2km,2km Error ellipse: s-maj=1.7km s-min=-0.5km az=61.0
IDC 31 04:22:07.0,4.0,38.97N;122.48W,h0km,mb3.2/2,
mbmp3.4,7,ML3.2/5,MS3.4/1, Error ellipse: s-maj=57.6km
s-min=19.8km az=46.0

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

2020 DEC

Main table of seismic events with columns: Pntr, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous earthquake events with detailed parameters.

1588

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like LESA, BRY, BRATOGOST, PLE, AVAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like ARR, ARGES, CLL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like KURBB, MKAR, OSPL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like NOU, ISLANDS, SARANOUT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like MSFV, RAO, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like ASAR, IDC, GFZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like LOBO, LOGO, KALN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like PDKS, TARANY, UDBI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like A262A, A263A, A263A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like MORH, MORH, MORH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like PRED, EGYH, EGYH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like KBA, KBA, KBA, etc.

31d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOA Molin, SRO Srobarova, BIOA Lastovo, etc.

2020 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZVC Zvikov, ZURC Surduc, ZVCC Kecov, etc.

1590

Table with columns for station name, frequency, power, and other technical details. Includes stations like CO03 El Pedregal, CO04 Los Peladeros, LCO Las Campanas, etc.

MDD J1 05:42:54.3;0.5,39'41N;5'28E,h0km,Mb4.3/34, M_mb3.7/34, Error ellipse: s-maj=4.1km s-min=2.7km az=141.0

ISC J1 05:42:52.0;1.8,39'37N;0'09.5'32E;0'08,h10km,n34, e217'61,16C, Western Mediterranean Sea

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other details. Includes stations like ETOS Mallorca, EIBI Ibiza, etc.

1591

Table with columns for station name, coordinates, magnitude, and time. Includes stations like EVIV, ECAC, ESAC, and others.

ADC 31 05:44:13.3±1.6, 52.78N±.009, h0km, mb3.5/6, mbtmp3.6/8, ML3.4/2, Error ellipse: s-maj=39.1km

AEIC 31 05:44:17.9±1.6, 52.76N±.010, h0km, mb3.5/6, mbtmp3.6/8, ML3.4/2, Error ellipse: s-maj=39.1km

NEIC 31 05:44:19.6±1.5, 52.88N±.006, h0km, mb3.5/6, mbtmp3.6/8, ML3.4/2, Error ellipse: s-maj=39.1km

ISC 31 05:44:17.0±1.5, 52.70N±.010, h0km, mb3.5/6, mbtmp3.6/8, ML3.4/2, Error ellipse: s-maj=39.1km

Large table listing station codes, names, and coordinates. Includes stations like OKTU, OKCE, OKCF, etc.

2020 DEC

Main table of earthquake data for 2020 December. Columns include station code, name, magnitude, time, and location. Includes stations like KDKA, KDKA, N18K, etc.

GUC 31 05:45:27.5±0.8, 27.66S±.007, h55km, mb1.6/2, Presumed earthquake

SJA 31 05:45:28.3±1.2, 27.77S±.007, h30km, ML3.2, MW3.5

ISC 31 05:45:26.3±1.7, 27.58S±.004, h10km, mb2.3/1.6km, n22, +193/37, Near coast of northern Chile

Table listing station codes, names, and coordinates. Includes stations like AC04, AC04, AC04, etc.

31d 6h

Table showing earthquake data for the last 6 days of December 2020. Columns include station code, name, magnitude, time, and location. Includes stations like AC05, LCO, LCO, etc.

ASRS 31 06:00:11.0±0.7, 54.30N±.07E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ADC 31 06:00:12.9±3.3, 54.32N±.07E, h0km, mbtmp2.8/3, ML2.2/3, Error ellipse: s-maj=29.0km s-min=20.2km

Table listing station codes, names, and coordinates. Includes stations like I46RU, ZALV, ZALV, etc.

ADC 31 06:00:06.7±3.8, 54.35N±.07E, h0km, mbtmp3.0/3, ML2.5/3, Error ellipse: s-maj=37.0km s-min=17.3km

ASRS 31 06:00:06.1±2.5, 54.26N±.07E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia

Table listing station codes, names, and coordinates. Includes stations like I46RU, ZALV, ZALV, etc.

ADC 31 06:45:09.7±3.5, 54.33N±.07E, h0km, mbtmp2.6/2, ML2.3/3, Error ellipse: s-maj=28.5km s-min=18.0km

ASRS 31 06:45:09.0±1.6, 54.24N±.07E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia

Table listing station codes, names, and coordinates. Includes stations like I46RU, ZALV, ZALV, etc.

PRE 31 06:49:31.4±1.0, 27.31S±.23°E, h0km, ML1.7, Suspected explosion

ADC 31 06:49:32.1±5.6, 27.38S±.22°E, h0km, mbtmp2.1/1, ML2.0/1, Error ellipse: s-maj=46.0km s-min=38.8km

ISC 31 06:49:31.9±1.7, 27.33S±.22°E, h0km, mbtmp2.1/1, ML2.0/1, Error ellipse: s-maj=46.0km s-min=38.8km

Table listing station codes, names, and coordinates. Includes stations like UPI, UPI, UPI, etc.

31d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BOSA, Boshof, ALKP, BFON, I35NA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for IDC 31 07:15:53.0, ZALESOVO INFRA, ZALV, KURB, MKAR.

NNC 31 07:18:10.6:0.6, 49:98N:78:65E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=13.1km s-min=2.4km az=78.0, Suspected Mining explosion.

IDC 31 07:18:12.1:1.1, 50:04N:78:84E, h0km, mbtmp2.6/3, ML2/0/3, Error ellipse: s-maj=11.3km s-min=9.2km az=52.0

ISC 31 07:18:12.4:1.0, 50:13N:0:078.79E:0.07, h0km, n17, az=122/30, 15C-10D, Eastern Kazakhstan

Main table listing station codes (KUR07, KUR14, etc.), station names (Kurchatov Arra, Makanchi Array, etc.), and their respective coordinates and parameters.

IDC 31 07:20:36.3:1.1, 3:44S:131:07E, h0km, mb3.6/3, mbtmp3.6/6, ML3.6/3, MS2.9/2, Error ellipse: s-maj=51.5km s-min=11.6km az=88.0

DJA 31 07:20:40.0:0.7:3.3:13:1E, h20km, 7km, M3.6/11, ML3.6/11

ISC 31 07:20:38.9:0.9, 3:54S:0:07:131:2E:0.1, h30km, n11, az=210/11, Irian Jaya region

Table listing station codes (FAKI, BNDI, etc.), station names (Fak Fak, Bandanaira, etc.), and their respective coordinates and parameters.

2020 DEC

Table listing station codes (BVAR, ZALESOVO INFRA), station names (Borovoye Array, Zalesovo Beam), and their respective coordinates and parameters.

ASRS 31 07:30:05.0:1.1, 3:53:64N:87:93E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 31 07:30:07.2:3.1, 53:65N:87:75E, h0km, mbtmp2.9/3, ML2.4/3, Error ellipse: s-maj=24.0km s-min=15.6km az=74.0

Main table listing station codes (H46RU, ZAAO, etc.), station names (Zalesovo Beam, Kurchatov, etc.), and their respective coordinates and parameters.

IDC 31 08:07:02.2:1.9, 0:46N:125:85E, h0km, mb3.1/3, mbtmp3.1/3, Error ellipse: s-maj=187.3km s-min=29.0km az=18.0

DJA 31 08:07:08.3:0.3, 0:26N:126:6E, h10km, M3.4/10, ML3.4/10

ISC 31 08:07:09.6:1.1, 0:40N:126:03E:0.06, h44km, n7, az=250/9, mb3.0/3, Northern Molucca Sea

Table listing station codes (TNTI, MNI, etc.), station names (Ternate, Manado, etc.), and their respective coordinates and parameters.

IDC 31 08:15:45.5:1.2, 45:59N:16:22E, h0km, mb3.2/3, mbtmp3.4/10, ML3.6/8, MS2.6/4, Error ellipse: s-maj=15.1km s-min=11.6km az=18.0

KRSZO 31 08:15:45.2:4.4, 45:44N:16:19E, h5km, 16km, ML4.0/53, Error ellipse: s-maj=15.1km s-min=11.7km az=171.0

PDG 31 08:15:46.7:0.1, 45:52N:16:09E, h11km, 3km, ML3.8/10, Error ellipse: s-maj=4.1km s-min=1.1km az=90.0

NEIC 31 08:15:46.0:1.8, 45:53N:0:03:16:16E:0.06, h10km, 2km, ML3.7/48, Error ellipse: s-maj=6.9km s-min=5.1km az=102.0

ROM 31 08:15:46.3:0.2, 45:45N:0:008:16:13E:0.01, h13km, 1km, ML3.9/42, Error ellipse: s-maj=1.0km s-min=0.4km az=148.0

GFZ 31 08:15:46.2:0.2, 45:52N:16:22E, h11km, 4.0/19, mb4.2/19, ML3.6/54, Error ellipse: s-maj=4.4km s-min=3.0km az=178.4, confirmed

BEO 31 08:15:46.8:0.2, 45:53N:16:14E, h7km, 1km, ML3.5/11, RHSSO 31 08:15:47.8:0.4, 45:46N:16:24E, h7km, 2km, ML3.9/7

BGR 31 08:15:47.5:0.7, 45:46N:16:26E, h10km, ML3.8/16, Error ellipse: s-maj=7.8km s-min=5.6km az=103.0

PRU 31 08:15:49.0, 45:65N:16:14E, h10km

ISC 31 08:15:46.4:0.9, 45:49N:0:01:16:16E:0.01, h16km, 6km, n362, az=39/496, mb3.5/3, 27C-14D, Northwestern Balkan Peninsula

Table listing station codes (ZAG, ZAG, etc.), station names (Zagreb, Puntijarka, etc.), and their respective coordinates and parameters.

Table listing station codes (BOJS, LOBO, etc.), station names (Bojanci, Labor, Kalnik, etc.), and their respective coordinates and parameters.

Main table listing station codes (UDBI, A264A, etc.), station names (Udbina, Tarany, Banja Luka, etc.), and their respective coordinates and parameters.

IDC 31 08:22:02.2:1.9, 0:46N:125:85E, h0km, mb3.1/3, mbtmp3.1/3, Error ellipse: s-maj=187.3km s-min=29.0km az=18.0

DJA 31 08:07:08.3:0.3, 0:26N:126:6E, h10km, M3.4/10, ML3.4/10

ISC 31 08:07:09.6:1.1, 0:40N:126:03E:0.06, h44km, n7, az=250/9, mb3.0/3, Northern Molucca Sea

Table listing station codes (SOKA, A265A, etc.), station names (Sokoban, Kaposfured, etc.), and their respective coordinates and parameters.

IDC 31 08:15:45.5:1.2, 45:59N:16:22E, h0km, mb3.2/3, mbtmp3.4/10, ML3.6/8, MS2.6/4, Error ellipse: s-maj=15.1km s-min=11.6km az=18.0

KRSZO 31 08:15:45.2:4.4, 45:44N:16:19E, h5km, 16km, ML4.0/53, Error ellipse: s-maj=15.1km s-min=11.7km az=171.0

PDG 31 08:15:46.7:0.1, 45:52N:16:09E, h11km, 3km, ML3.8/10, Error ellipse: s-maj=4.1km s-min=1.1km az=90.0

NEIC 31 08:15:46.0:1.8, 45:53N:0:03:16:16E:0.06, h10km, 2km, ML3.7/48, Error ellipse: s-maj=6.9km s-min=5.1km az=102.0

ROM 31 08:15:46.3:0.2, 45:45N:0:008:16:13E:0.01, h13km, 1km, ML3.9/42, Error ellipse: s-maj=1.0km s-min=0.4km az=148.0

GFZ 31 08:15:46.2:0.2, 45:52N:16:22E, h11km, 4.0/19, mb4.2/19, ML3.6/54, Error ellipse: s-maj=4.4km s-min=3.0km az=178.4, confirmed

BEO 31 08:15:46.8:0.2, 45:53N:16:14E, h7km, 1km, ML3.5/11, RHSSO 31 08:15:47.8:0.4, 45:46N:16:24E, h7km, 2km, ML3.9/7

BGR 31 08:15:47.5:0.7, 45:46N:16:26E, h10km, ML3.8/16, Error ellipse: s-maj=7.8km s-min=5.6km az=103.0

PRU 31 08:15:49.0, 45:65N:16:14E, h10km

ISC 31 08:15:46.4:0.9, 45:49N:0:01:16:16E:0.01, h16km, 6km, n362, az=39/496, mb3.5/3, 27C-14D, Northwestern Balkan Peninsula

Table listing station codes (DUGI, A266A, etc.), station names (Dugi Otok, Gyulaj, Arzberg, etc.), and their respective coordinates and parameters.

1592

Main table listing station codes (BOJS, BOJANCI, etc.), station names (Bojanci, Udbina, Tarany, etc.), and their respective coordinates and parameters.

Table with columns for station name, frequency, and other technical details. Includes stations like SABO, ZIRJ, MORH, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like PLE, AVAS, CTI, ABNA, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like KHC, FETA, KUBS, etc.

31d 9h

Table with columns: BRG, AML, Pn, Time, Res, ISC. Contains station data for Berggiesshubel, Plauer, Santa Cesarea, etc.

HEL 31 08:31:36.2,0.3,67.86N-20.29E, h0km, ML1.0, Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for Lannavaara, Salfotuoika, Kautokeino, etc.

HEL 31 08:32:35.0,1.6,63.98N-28.10E, h0km, ML1.6, Suspected explosion

ICD 31 08:32:36.9,2.1,63.87N-28.21E, h0km, mbtmp2.8/4,

2020 DEC

ML1.8/3, Error ellipse: s-maj=25.5km s-min=13.1km az=107.0

ISC 31 08:32:35.1,0.7,63.93N,0.02,-28.08E,0.03, h0km, n35, 13657, Finland

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for Nilsia, PULANKA, Sumiainen, etc.

1594

SDD 31 08:44:54.8,2.2,18.05N-71.31W, h8km, gkm, MD3.2, ML2.4, MV2.6, Presumed earthquake

OSPL 31 08:44:56.3,1.3,18.18N-71.30W, h6km, dkm, ML2.2, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for Polo, El Espartillar, El Cajuiti, etc.

IDC 31 08:48:53.4,3.6,38.25S-48.97E, h0km, mb3.7/3, mbtmp3.7/3, MS3.3/8, Error ellipse: s-maj=106.9km

ISC 31 08:48:53.4,3.6,38.25S-48.97E, h10km, n20, 05869, mb3.8/3, MS3.3/8, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for H04N1, H04N2, H04N3, etc.

IDC 31 09:00:29.8,4.3,53.67N-87.94E, h0km, mbtmp2.8/2, ML2.2/2, Error ellipse: s-maj=38.9km s-min=22.2km

ASRS 31 09:00:29.0,1.4,53.61N-87.87E, h0km, M2.4(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. Contains station data for I46RU, ZALV, KURBB, MKAR, etc.

KRSC 31 09:04:29.1,8.5,41.14N-167.06E, h40km, 33km, MI3.6, Komandorsky Islands region

IDC 31 09:04:31.0,2.1,6.41S-129.12E, h0km, mb3.6/1, mbtmp3.5/3, ML3.5/2, Error ellipse: s-maj=165.1km

s-min=24.9km az=67.0, Banda Sea

1595

Table of station data for 1595, including WRA, ASAR, and ASAR MKAR with columns for station name, coordinates, and times.

IDC 31 09:25:09.6 1.6, 24:57S:179.87W, h492km, 17km, mb3.3/7, mbtmp4.2/11, Error ellipse: s-maj=21.3km s-min=14.1km az=91.0

NEIC 31 09:25:09.3 1.4, 24:69S:0:05:179.87W, h484km, 8km, mb4.4/19, Error ellipse: s-maj=19.9km s-min=5.1km az=106.0

ISC 31 09:25:10.8 0.5, 24:57S:0:06:179.91W, h505km, m61, c1891/69, mb4.0/9, South of Fiji Islands

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAO, GLKZ, MSFV, etc.

Continuation of station data table for 1595, including stations like AF1, HAZ, RUGZ, etc.

Continuation of station data table for 1595, including stations like URZ, URZU, MWZ, etc.

Continuation of station data table for 1595, including stations like QNZ, TNKZ, NNZ, etc.

Continuation of station data table for 1595, including stations like INZ, OXZ, RPZ, etc.

Continuation of station data table for 1595, including stations like RPZ, CTAO, BBOO, etc.

Continuation of station data table for 1595, including stations like ASAR, WR8, WB0, etc.

Continuation of station data table for 1595, including stations like WRA, WRA, WRA, etc.

ROM 31 09:37:45.4 0.1, 42:00N:0:00:15:89E, h31km, ML2.6/29, Error ellipse: s-maj=1.1km s-min=0.7km az=227.0

ISC 31 09:37:45.3 0.9, 42:02N:0:02:15:90E, h33km, 5km, n38, c0546/55, 3D, Adriatic Sea

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OT14, OT13, etc.

2020 DEC

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OT13, SGRT, etc.

Continuation of station data table for 2020 DEC, including stations like MSAG, MSAG, etc.

Continuation of station data table for 2020 DEC, including stations like TREM, TREM, etc.

Continuation of station data table for 2020 DEC, including stations like OT03, OT03, etc.

Continuation of station data table for 2020 DEC, including stations like APRC, APRC, etc.

Continuation of station data table for 2020 DEC, including stations like OT04, OT04, etc.

Continuation of station data table for 2020 DEC, including stations like OT05, OT05, etc.

Continuation of station data table for 2020 DEC, including stations like MELA, MELA, etc.

Continuation of station data table for 2020 DEC, including stations like MELA, MELA, etc.

Continuation of station data table for 2020 DEC, including stations like MELA, MELA, etc.

AFAD 31 09:42:58.9, 38:72N:38:12E, h7km, 6km, ML2.1, Turkey

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HEKM, HEKM, etc.

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAYA, MAYA, etc.

Continuation of station data table for 2020 DEC, including stations like ELZG, ELZG, etc.

Continuation of station data table for 2020 DEC, including stations like ELZ, ELZ, etc.

Continuation of station data table for 2020 DEC, including stations like TNCL, TNCL, etc.

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Continuation of station data table for 2020 DEC, including stations like TNCL, TNCL, etc.

Continuation of station data table for 2020 DEC, including stations like TNCL, TNCL, etc.

ISK 31 09:43:09.8, 38:45N:39:35E, h7km, ML2.0/9, Turkey

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SVRC, SVRC, etc.

KRSC 31 10:08:12.6 1.4, 51:33N:158:30E, h83km, 15km, MI3.7, Near east coast of Kamchatka Peninsula

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KDFR, KDFR, etc.

DJA 31 10:11:44.9 0.2, 9:53S:119:0E, h103km, 3km, M4.0/27, mb4.3/2, MLV3.9/27, Sumba region

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DBNI, DBNI, etc.

ISC 31 10:15:14.6 1.7, 6:78N:73:02W, h157km, 46km, mb3.0/3, mbtmp3.5/5, Error ellipse: s-maj=120.5km s-min=8.3km az=133.0

RSNC 31 10:15:14.8 0.0, 7:1N:1:73W, h157km, 2km, M3.4, mb4.5, mb3.5, ML3.0, Mw(mb)3.7

FUNV 31 10:15:16.5 0.8, 6:89N:73:14W, h143km, MW3.5, Presumed earthquake

ISC 31 10:15:14.3 0.8, 6:86N:0:03:73:11W, 0:03, h153km, 6km, n53, c161/96, mb3.3/3, 2C-2D, Northern Colombia

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BARC, BARC, etc.

ISC 31 10:15:14.6 1.7, 6:78N:73:02W, h157km, 46km, mb3.0/3, mbtmp3.5/5, Error ellipse: s-maj=120.5km s-min=8.3km az=133.0

RSNC 31 10:15:14.8 0.0, 7:1N:1:73W, h157km, 2km, M3.4, mb4.5, mb3.5, ML3.0, Mw(mb)3.7

FUNV 31 10:15:16.5 0.8, 6:89N:73:14W, h143km, MW3.5, Presumed earthquake

ISC 31 10:15:14.3 0.8, 6:86N:0:03:73:11W, 0:03, h153km, 6km, n53, c161/96, mb3.3/3, 2C-2D, Northern Colombia

31d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like HELC Santa Helena, UREC San Jos de Ur, etc.

BUJ 31 10:18:52.5, 8.805, 122.30E, h124km, mB5.3/15, mB5.3/70
IDC 31 10:18:53.9, 0.5, 8.675, 122.24E, h127km, mB4.9/26, mBmp5.3/31, MS3.8/35, Error ellipse: s-maj=10.7km
s-min=5.6km az=61.0
NEIC 31 10:18:53.8, 8.845, 122.37E, h124km
DJA 31 10:18:54.4, 0.1, 9.5, 1.122E, h120km, 2km, M5.3/87, mB5.8/68, mB5.5/87, MLV5.6/58, Mw(MB)5.3/68, MwMwp4.7/7, Mwp5.1/7
NEIC 31 10:18:54.5, 2.5, 8.755, 0.06, 122.28E, 0.07, h130km, 4km, mB5.4/107, Mww5.1/13, Error ellipse: s-maj=11.5km
s-min=7.1km az=52.0
GFZ 31 10:18:54.6, 0.2, 9.5, 2.122E, h122km, 3km, M5.4/37, mB5.6/37
MOS 31 10:18:55.3, 0.9, 8.615, 122.30E, h151km, mB5.1/44, Error ellipse: s-maj=10.1km s-min=5.2km az=110.1
GCMT 31 10:18:56.0, 0.1, 8.755, 0.01, 122.38E, 0.01, h126km, 1km, MW5.2/132, Moment Tensor Solution. s85,c119; s132,c225; Duration: 1s0 Moment tensor: Scale 10^16 Nm; Mr=2.61±.15; Mw=3.34±.17; Mb=0.72±.17; Mw5.95±.10; Mb=0.45±.14; Mw=0.79±.12; Best double couple: Mb=6.34000±0.1016 NP1=165.00000±.642.00000, λ=17.00000°. NP2=268.00000±.879.00000, λ=130.00000°. Principal axes: T=9.0140, P=2.77.0000°, Azm28.0000°, N=0.7530, P=139.0000°, Azm27.0000°, P=3.2540, P=142.0000°, Azm140.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
NEIC 31 10:18:57.3, 8.945, 122.06E, h120km, Moment Tensor Solution. Duration: 1s8 Moment tensor: Scale 10^19Nm; Mr=2.41; Mw=2.06; Mb=0.35; Mw=3.88; Mb=0.95; Mw=0.14; Fault plane solution: Mw=16000±10^16 NP1=29.08000°, δ21.37000°, λ=145.74000°. NP2=266.69000°, δ78.16000°, λ=72.08000°. Principal axes: T=6.0800, P=31.0000°, Azm342.0000°, N=0.1491, P=18.0000°, Azm83.0000°, P=6.2291, P=153.0000°, Azm198.0000°, P=10.1854, 5.0, 3, 8.755, 0.03, 122.24E, 0.04, h130km, 2km, h133km, pp-P, n701, r159/733, mB5.3/164, 15C-11D, Flores region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like MMRI Maumere, BATI Baumat, etc.

2020 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like SOEI Soe, KAPI Kappang, etc.

1596

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like SUJI, SIJI Sorong, MBWA Marble Bar, etc.

1597

Table with columns for call sign, frequency, power, and other technical details. Includes stations like NWAOW, NWAOW, NWAOW, etc.

2020 DEC

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CHTO, CAN, CAN, CAN, etc.

31d 10h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like LZH, LZH, LZH, LSA, etc.

31d 10h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like URZ Urewera, NMHZ Naumai, BFZ Birch Farm, etc.

2020 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MAKZ Makanchi, TNSN Tian-Shan, KBL Kabul, etc.

1598

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RAR Rarotonga, ABKAR Abkular array, TIXI Tiksi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRH Wood River Hill, C24K Franklin Bluff, CCB Clear Creek Bu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MOSL Moslavina, PTJ Puntijarka, PTJ Ozalj, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AKUT comp=E,46nm,1.5s, OHAQ comp=N,34nm,1.3s, etc.

VIE 31 10:22:54.7, 0.45, 45N, 16.10E, h10km, mb2.3/4, ml2.5/8, Error ellipse: s-maj=4.3km s-min=2.5km az=172.0 14 km WSW of Petrinja

NEIC 31 10:31:40.6, 1.1, 54.87N, 0.07, 159.52W, 0.05, h13km, 7km, ML3.1/30, ML3.0(AEIC), Error ellipse: s-maj=10.0km s-min=4.2km az=183.0

ISO 31 10:22:54.7, 0.45, 45N, 16.15E, h10km RHSSO 31 10:22:58.1, 0.8, 45.45N, 16.38E, h5km, ML2.3/5

31d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PZZ Stoppo, ENAUX Enaux, SALSA La sagne, etc.

IDC 31 10:47:23.1±1.8, 53.37N, 165.55W, h0km, mb3.6/7, mbmp3.7/9, ML3.5/2, Error ellipse: s-maj=38.4km, s-min=20.4km az=166.0

NEIC 31 10:47:25.1±1.6, 53.315N, 0.02±165.29W, h10km, 1km, ML3.5/18, ML3.3(AEIC), Error ellipse: s-maj=6.5km, s-min=2.9km az=247.0

AEIC 31 10:47:28.2±1.6, 53.20N, 0.03±165.35W, h13km, 4km, Error ellipse: s-maj=6.4km, s-min=1.6km az=131.0

ISC 31 10:47:24.3±1.0, 53.15N, 0.07±165.23W, h0.05, h10km, n75, ±184/63, mb3.8/6, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include AHB Akutan Harbor, UNV Unalaska Valle, UNV, etc.

2020 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include INK Inuvik, PETK Petropavlovsk, YKA Yellowknife Arr, etc.

1600

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KMI2 Kunming, KMI2, KMI2, etc.

1603

Table with columns: MSVF, Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like Nonsavu, Raoul Island, Fugatoga, etc.

2020 DEC

Table with columns: STKA, HTT, QIS, BBOU, ASAR, WRR, WRB, WRA, HON, FITZ, MBWA, EDFI, TTSI, QSPA, GSPA, NJ2, HHC, KSH2, Code, Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like Stephens Creek, Hallett, Alice Springs, etc.

31d 12h

Table with columns: PKPS, ARXS, ARXS, UZB, UZB, UZB, KBK, KBK, NBN, BLB, CHMS, CHMS, PDGK, PDGK, AAK, AAK, AAK, AAK, USP, USP, UCH, UCH, UCH, UCH, EKS2, EKS2, Code, Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kokpek, Arhary, Uzynbulak, Karagaybulak, etc.

2020 DEC

31d 14h

Table with columns: CANO, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Canova, Maglio, Sant Anna di V, Mont Vial, Quiliano, Isola, Villa Eilenroc, etc.

NOU 31 12:35:22.3, 19:03S:167.50E, h0km, MLV4.0/9, Vanuatu Islands Region
IDC 31 12:35:25.7, 1.8, 18.98S:167.10E, h0km, mb3.8/5, mbtmp3.8/7, ML3.6/2, Error ellipse: s-maj=38.9km s-min=19.2km az=93.0

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

IDC 31 12:52:43.8, 8.6, 20.17S:176.59W, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=375.1km s-min=42.0km az=144.0, Fiji Islands region

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

Table with columns: BRDH, ZALV, MKAR, KURB, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bariadhala, Zalesovo Beam, Makanchi Array, Kurchatov Arra.

GII 31 13:33:55.4, 0.0, 27.690N:0.001x34.324E:0.001, h0km, MWS2.7, confirmed
SGS 31 13:33:57.1, 28.01N:34.50E, h12km, M11.7
HLW 31 13:33:60.7, 27.95N:34.20E, h24km, 1km, M12.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSHS, TR1, KRABS, etc.

NEIC 31 13:56:53.7, 1.9, 17.80N:0.09x146.16E:0.1, h122km, 10km, mb4.2/8, Error ellipse: s-maj=18.7km s-min=11.7km az=118.0

IDC 31 13:56:54.8, 3.2, 17.74N:146.31E, h127km, 32km, mb3.1/7, mbtmp3.6/8, MS3.1/1, Error ellipse: s-maj=37.9km s-min=21.9km az=105.0

ISC 31 13:56:51.8, 0.7, 17.37N:0.007x146.15E:0.1, h100km, n30, mb3.5/4, mb3.6/10, Mariana Islands

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

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

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

IDC 31 14:42:02.4, 1.5, 15.47S:174.81W, h266km, 23km, mb3.4/5, mbtmp4.1/7, Error ellipse: s-maj=108.4km s-min=15.9km az=145.0

ISC 31 14:42:04.1, 1.1, 15.45S:174.9W:0.3, h262km, n7, mb3.5/8, mb3.4/5, Tonga Islands

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

s-maj=31.4km s-min=22.6km az=55.0
ISC 31 14:42:59.5, 0.8, 5.55S:0.1, 153.8E:0.1, h74km, n13, mb3.9/11, mb3.9/9, New Ireland region

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

NEIC 31 14:44:24.9, 2.2, 17.5S:0.1x178.47W:0.08, h532km, 9km, mb4.5/25, Error ellipse: s-maj=22.2km s-min=8.4km az=160.0

IDC 31 14:44:27.2, 1.8, 17.54S:178.63W, h545km, 18km, mb3.5/11, mbtmp4.5/13, Error ellipse: s-maj=18.0km s-min=15.9km az=71.0

ISC 31 14:44:26.0, 0.5, 17.56S:0.07x178.58W:0.07, h547km, mb4.4/24, mb4.5/27, 3D, Fiji Islands region

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

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

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

EAZ, MLZ, TUZ, ARMA, ARMA, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Eamslovora, Maveira Lakes, Tuapeka, etc.

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

1605

Table with columns: WB0, WARRAMUNGA ARR, 44.50 259, P, P, 14 51 49.5 +0.1, 14 51 50.4, 14 51 49.8 +0.1, 14 57 42.1 -3.7, 14 51 52.0 +0.9, 14 53 21.7 0.0, 14 57 46.5 -2.0, 14 51 51.1 -0.1, 14 53 23.3 +1.6, 14 52 19.8 -1.0, 14 52 29.7 -0.9, 14 54 33.2 -0.1, 14 52 52.8 +1.0, 14 53 26.5 -0.6, 14 54 43.1 -0.4, 14 54 18.4, 14 54 27.5 -0.6, 14 54 27.0 -1.1, 14 54 39.8 -0.7, 14 54 59.6 +2.3, 14 54 56.4 -0.9, 14 55 20.7 +0.9, 14 55 37.7 +2.4, 14 56 06.1 -0.1, 14 56 13.3 +0.1, 14 56 23.0 +1.5, 14 56 26.6 +1.9, 14 56 32.2 +2.0, 14 56 34.1 +2.1, 15 02 56.3 +0.4, 15 03 01.6 +0.6, 15 03 02.7 -0.3, 15 03 09.4 -0.5, 15 03 16.2 +0.3, 14 45:31.4z-2.0, 42:288N-145:38E, h18km, mb4.5/1, Error ellipse: s-maj=18.8km s-min=9.1km az=83.1, SKHL 31 14:45:35.0z, 0.42:80N-145:70E, h57km, mb5.0/4, NIED 31 14:45:37.0z, 0.42:93N-145:43E, h44km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mn:3.38; Mw:-0.87; Ms:-2.50; Mo:0.63; Mx:1.43; My:2.52; Fault plane solution: Mw4.24000x10^14 NP1: e219.00000, s27.00000, t106.00000. NP2: e21.00000, s64.00000, t82.00000, JMA 31 14:45:37.0z, 0.1, 42:93N-0.3:145:45E, h44km, 1km, MV4.1/40, OFF NEMURO PENINSULA, JMA Feil J1 at OFF NEMURO PENINSULA, IDC 31 14:45:38.2z, 0.42:75N-145:38E, h69km, 21km, mb3.5/10, mbmp3.9/13, MS3.3/1, Error ellipse: s-maj=28.4km s-min=20.1km az=4.0, ISC 31 14:45:36.2z, 1.1, 42:92N-0.08:145:49E, 0.05, h42km, 7km, n42, e1516/51, mb3.8/10, 10D, Hokkaido region

2020 DEC

Table with columns: H1N1, WAKE ISLAND Hy 29.32 135, T, T, 15 22 21.8, 15 22 25.2, 15 23 32.6, 15 23 33.5, 15 23 33.9, 14 53 31.1 +1.1, 14 53 38.5 0.0, 14 53 47.6 +0.4, 14 53 47.6 +0.4, 14 53 47.6 -0.2, 14 56 11.8 0.0, 14 56 41.0 -1.6, 14 56 42.7 0.0, 14 56 43.0 +0.1, 14 56 53.0 +1.0, 14 56 52.0 -0.4, 14 57 33.5 +0.6, 14 46:08.0z, 0.43:01N-78:41E, h4km, 5km, mb2.7, mpv2.8, Error ellipse: s-maj=7.8km s-min=3.3km az=174.0, KRNET 31 14:46:09.4z, 0.1, 43:08N-78:28E, h30km, 3.2km, SOME 31 14:46:09.7z, 43:12N-78:33E, h5km, ISC 31 14:46:09.6z, 0.8, 43:08N-0.02:78:30E, 0.02, h9km, 6km, n42, e1508/79, 226-10Z, Lake Issyk-Kul region

31d 15h

Table with columns: KRBS, Karabastau, 2.01 289, eP, Pb, 14 46 46.7 +0.4, 14 47 12.9 +1.6, 14 46 40.0 +0.1, 14 47 17.6 -0.6, 14 46 51.6 -0.2, 14 47 30.4 -1.5, 14 46 54.2 -0.1, 14 47 26.7 -1.3, 14 46 59.5 -0.8, 14 47 38.2, 14 46 54.9 -0.2, 14 47 28.0 -1.3, 14 46 56.3 -0.2, 14 47 30.4 -1.5, 14 47 19.2 +0.6, 14 48 30.2, 14 47 20.2 -0.1, 14 48 35.2, NOU 31 15:04:06.7z, 23:82S-179:48W, h547km, mb4.4/36, South of Fiji Islands, GFZ 31 15:04:07.2z, 1.5, 24:51N-118:0W, 1.9, h542km, M4.5/16, mb4.5/16, confirmed, NEIC 31 15:04:07.5z, 1.9, 24:03S-179:7W, 0.1, h521km, 6km, mb4.6/19, Error ellipse: s-maj=16.5km s-min=12.9km az=111.0, IDC 31 15:04:09.4z, 1.3, 23:98S-180:00W, h528km, 11km, mb3.6/13, mbmp4.5/15, Error ellipse: s-maj=17.7km s-min=13.4km az=105.0, ISC 31 15:04:07.5z, 0.3, 24:04S-0.05:179:94W, 0.06, h518km, n207, e2510/233, mb3.5/46, South of Fiji Islands

31d 16h

Table with columns: ARMA, Armadale, 26.03 250, P, P, 15 09 00.6 +1.3, etc. Lists various stations and their coordinates.

2020 DEC

Table with columns: MDJ, JCC, TROLL, FURC, N15K, XAN, CMAR, TXAR, HHC, BSUT, MKAR, KURK, etc. Lists stations and their coordinates.

1606

Table with columns: DBIC, SABC, WAO, BDFB, SPB, SUR, LBTB, BOSB, CPUP, etc. Lists stations and their coordinates.

DJA 31 15:11:54.0±0.4, 8°5'±117E±, h292km, 5km, M3.9/35, mB5.4/2, mb4.5/4, MLV3.7/35, Mw(mB)4.8/2, Sumbawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station codes and names.

WEL 31 16:05:36.8±1.3, 34°S±18°17'W±1.9, h211km, 43km, M3.9/5, mB4.1/2, ML3.8/10, MLV3.9/5, Mw(mB)3.2/2, Error ellipse: s-maj=29.6km s-min=17.9km az=131.0, South of Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station codes and names.

IDC 31 15:33:39.6±1.0, 14°10'S±13.8°W±, h0km, mb3.8/8, mBtm3.8/8, MS3.5/27, Error ellipse: s-maj=61.2km s-min=23.3km az=119.0, NEIC 31 15:33:40.7±1.2, 14°23'S±10°13'W±0.1, h10km±1km, mb4.6/15, Error ellipse: s-maj=17.7km s-min=15.9km az=237.0, IDC 31 15:33:40.3±0.6, 14°22'S±13°79'W±0.09, h10km±53, ±0.94/25, mb4.2/13, MS3.5/27, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station codes and names.

IDC 31 16:19:50.1±5.8, 19°35'S±177°10'W±, h0km, mb3.5/3, mBtm3.5/3, Error ellipse: s-maj=261.2km s-min=39.0km az=145.0, Fiji Islands region

1607

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, AKASG Malin Array Be.

BUT 31 16:22:41.9,2.1,44.1°N,0.1°E,114.94W,0.03,h4km,7km, Error ellipse: s-maj=15.0km s-min=2.8km az=176.0 NEIC 31 16:22:41.5,1.0,44.09°N,0.06,114.95W,0.05,h14km,8km, ML3.2/10,ML2.8/7(BUT), Error ellipse: s-maj=10.4km s-min=1.5km az=151.0, Western Idaho

Main table for 1607 with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including HLID Hailey, MFID Camas Ranch, BCIY Bear Canyon, etc.

IDC 31 16:22:45.2,1.0,44.00°N,1.14°E,89W,h0km, mbtpm2.9/6, ML3.2/6, Error ellipse: s-maj=13.1km s-min=9.5km az=88.0 NEIC 31 16:22:47.0,1.3,43.96°N,0.04,115.00W,0.05,h17km,3km, ML3.4/131,ML3.6/27(BUT), Error ellipse: s-maj=5.9km s-min=5.3km az=137.0

BUT 31 16:22:49.0,2.4,44.03°N,0.04,114.94W,0.06,h7km,6km, Error ellipse: s-maj=6.9km s-min=5.5km az=217.0 ISC 31 16:22:48.4,0.8,43.99°N,0.03,114.94W,0.03,h10km,n96, c075/96, Western Idaho

Main table for 1607 (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like HLID Hailey, MFID Camas Ranch, BCIY Bear Canyon, etc., continuing down to YHH Holmes Hill.

2020 DEC

Main table for 2020 DEC with columns: YHH, comp=E,103nm,0.6s, IAML, Pn, 16 24 29.0. Lists stations like AHID Auburn Hatcher, AHID, FLWY Flagg Ranch, etc., continuing down to MXC.

31d 16h

Main table for 31d 16h with columns: I05D Terrebonne, OR, 4.62 277, Pn, Pn, 16 23 59.1 +0.8. Lists stations like J05D Fort Rock, BSUT Blindstream Ca, EPH Ephrata, etc., continuing down to ISO.

1609

Table with station names (e.g., MLY, RND, MCK, BVAR) and their associated data including coordinates, times, and status.

BUJ 31 16:53:29.8, 34.09N, 139.85E, h16km, mB5.2/7, mb4.4/4.2, Ms4.5/17, M5.7 4.2/14

IED 31 16:53:36.0, 1.5, 34.42N, 139.28E, h15km, 3km, mb4.9/14.6, Error ellipse: s-maj=7.2km s-min=3.4km az=53.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JTHY, JNIO, JSKK, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Lists stations like BS04, JKUC, BS03, etc.

2020 DEC

Main table with station names (e.g., JHU2, JHU2, JNY, JSMT), coordinates, times, and status. Includes many stations like TFO4, JSSY, JNT, etc.

31d 16h

Table with station names (e.g., NACB, BJ12, BJ12), coordinates, times, and status. Includes stations like BJ12, BJ12, BJ12, etc.

31d 16h

2020 DEC

1610

Table with columns: ZAO ZALV, Zalesovo Beam, 42.43 315 P, P, 17 03 21.9 -0.7, 17 01 29.9 +0.2, ...

Table with columns: GHO GHO, Glory Hole Cre, 51.78 35 P, P, 17 02 42.5 -0.3, 17 04 29.5, ...

Table with columns: FINES FINES, FINES Array B, 70.27 332 P, P, 17 04 47.6 -0.5, 17 04 48.9 +0.8, ...

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FFC, FCC, SORM, KONO, BCYI, KVN, KVR, NVAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CKRC, KHC, PV22, PV04, PV12, EPLO, PV03, GEC2, GERES, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like QSPA, QSPA, CMAR, CMAR, SOMN, SOMN, TROLL, VNA3, VNA2, MKAR, MKAR, etc.

31d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FINES, NOA, PDAR.

KRSZO 31 17:31:38.3±1.4, 45°40'N, 16°21'E, h9km, 14km, ML3.2/36, Error ellipse: s-maj=12.7km s-min=8km az=33.0

Main table for 31d 17h section, listing stations like MOSL, ZAG, PUNTIJARKA, etc., with their respective parameters.

2020 DEC

Main table for 2020 DEC section, listing stations like TEKS, WINA, LSTV, MOA, etc., with their respective parameters.

1612

Table for 1612 section, listing stations like SIJI, FITZ, WRA, etc., with their respective parameters.

Table for 1612 section, listing stations like IDC 31 17:41:30.3±2.4, 7°22'S, 129°57'E, etc.

Table for 1612 section, listing stations like IDC 31 17:42:01.1±4.6, 24°36'N, 121°93'E, etc.

Main table for 1612 section, listing stations like ESOA, TWC, EWUT, etc., with their respective parameters.

Table of astronomical observations for Dec 2020, columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes entries for stations like VM08, ANP, Danhui, National Centr, etc.

Table of astronomical observations for Dec 2020, columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes entries for stations like JKCZ, MLZ, WHZ, EIDS, ARMA, etc.

31d 18h

Table with columns for station name, frequency, and signal strength. Includes stations like KHZ, QCCS, MOLW, WFFF, BHW, SNZO, etc.

2020 DEC

Table with columns for station name, frequency, and signal strength. Includes stations like KAHZ, ARUND, NGZ, South Ngauruhoe, etc.

1614

Table with columns for station name, frequency, and signal strength. Includes stations like ARXS, KAPS, KAPL, KST, KUU, etc.

31d 19h

mbmp3.2/4,ML3.7/3,MS2.7/2,Error ellipse:s-maj=33.0km s-min=12.1km az=93.0
TXNET 31 19:12:33.6,32.32N,0.6:101.8W,0.8,h6km,1km,ML3.6/13,
Error ellipse:s-maj=1.2km s-min=0.9km az=98.8,h1km
NEIC 31 19:12:33.8,0.5,32.29N,0.01:101.79W,0.02,h6km,3km,
mb_Lg3.6/164,ML3.5/16,Mwr3.6/31(SLM),Error ellipse:
s-maj=2.4km s-min=1.3km az=128.0
NEIC 31 19:12:33.32,29N,101.79W,h9km,Moment Tensor
Solution: Moment tensor: Scale 10^14Nm; Mrr=1.08;
Mth=0.55; Mtt=0.52; Mtr=0.77; Mts=3.00; Mtr=1.85; Fault
plane solution: M3.63000x10^14 Np1=165.0000
0.73,0.0000; N-148.0000; NP2=85.0000; 86.000000;
1-20.00000; Principal axes: T 3.6300,Plg8.0000;
Azml313.0000; N 0.0017,Plg54.0000; Azm2111.0000; P
-3.6317,Plg34.0000; Azm49.0000;

ISC 31 19:12:33.1,0.32,29N,0.02:101.78W,0.02,h6km,8km,
n148,0.0668/165,3C-5D,Western Texas

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Greenwood, Bryant Ranch, Klondike, Stewart Farms, etc.

2020 DEC

Main table of seismic events for December 2020. Columns include: TPB07, TPB07, TPB07, etc., Magnitude (e.g., 1.75 247), Location (e.g., Mentone, Carlsbad), Time (e.g., 19 13 29.4), and other parameters.

1616

Table of seismic events for December 2020, continuing from the previous table. Columns include: PV21, WUAZ, S39A, etc., Magnitude (e.g., 8.58 319), Location (e.g., Cone Mtn., Wupatki), Time (e.g., 19 17 24.3), and other parameters.

BJL 31 19:50:15.4,0.53Sx147.20E,h10km,mb5.6/27,mb5.0/81,
Ms4.9/39,Ms7.4/641
IDC 31 19:50:15.5,0.0:83S,146.87E,h0km,mb4.9/21,
mbmp4.8/25,ML3.9/3,MS4.3/58,ER error ellipse:
s-maj=17.5km s-min=10.2km az=88.0
MOS 31 19:50:15.5,1.0,0.82S,146.85E,h10km,mb5.3/42,
MS4.9/5,Error ellipse:s-maj=9.4km s-min=5.5km
az=111.0
NEIC 31 19:50:17.4,2.2,0.81S:0.07:146.84E:0.07,h10km,1km,
mb5.4/111,Mww5.2/10,Error ellipse:s-maj=13.3km
s-min=10.5km az=51.0
GFZ 31 19:50:18.2,0.2,1'S:3'x14'7E',h10km,M5.1/38,
mb5.2/38
GFZ 31 19:50:18.2,0.80S:146.78E,h11km,Mw5.0/41,Moment
Tensor Solution: Moment tensor: Scale 10^16Nm;
M3.92; Mtr=3.21; Mtr=0.71; Mtr=0.35; Mtr=0.28; Mtr=0.26;
Fault plane solution: M3.65763x10^16 Np1=98.80689;
Δ85.54555; Δ95.39127; NP2=272.50618; 84.67772;
Δ85.06986; Principal axes: T 3.9570,Plg5.5414;
Azml31.0876; N -0.6998,Plg3.6432; Azm275.8301; P
-3.2572,Plg2.5668; Azm5.9537;

Plg28.0000°; Azm10.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
DJA 31 19:50:21.2+1.0, 1 S, 3x14 7E, h21km, 6km, M5, 0.96, mb5.1/96, mb5.5/48, MLv5.1/6, Mw(mB)5.0/48, MwMwp4.8/7, Mwmp5.2/7

ISC 31 19:50:17.0+0.4, 0.81S, 0.03x146.82E, 0.04, h14km, 2km, h14km; p-P, 515, 4161484, mb5.2/178, MS4.5/80, 12C-7D, Admiralty Islands region

Code	Station Name	D ¹	A ²	Phase	ID	ISC	Time	Res
							h m s	ISC
MANU	Manus Island	3.4	157	Op	ISC	Pn	19 50 41.6	-0.5
MANU	Manus Island				Sb	Pn	19 50 55.7	-4.1
RABU	Rabaul	6.31	122		Pn	Pn	19 51 50.8	+0.2
JAY	Jayapura	6.34	254	Pn	Pn	Pn	19 51 50.4	-0.5
JAY	Jayapura	1.6nm, 0.3s, baz=175, slow=6, 3SNR=6.9			Sb	Sb	19 52 57.6	-5.6
JAY	Jayapura	1.9nm, 0.3s, baz=58, slow=13, SNR=1.6			LR	LR	19 54 04.3	
JAY	Jayapura	comp=Z, 2um, 19.5s, baz=70, slow=36, 7.9nm, 0.6s			AML	AML		
JAY	Jayapura	6.34 254			P	Pn	19 51 51.0	+0.1
JAY	Jayapura	6.88 255			P	Pn	19 51 58.4	+0.1
JAY	Jayapura	6.88 255			P	Pn	19 51 55.5	-2.8
JAY	Jayapura	0.7mm, 0.3um, 2um, 132nm, 1.0s			AML	AML		
JAY	Jayapura	6.88 255			P	Pn	19 51 58.6	+0.3
JAY	Jayapura	8.19 262			P	Pn	19 52 16.1	-0.2
JAY	Jayapura	8.55 178			Pn	Pn	19 52 19.7	-1.5
JAY	Jayapura	8.55 178			Pn	Pn	19 52 19.9	-2.8
JAY	Jayapura	6.85 249			P	Pn	19 52 41.1	+0.7
JAY	Jayapura	9.84 220			P	Pn	19 52 51.1	+0.2
JAY	Jayapura	10.71 268			P	Pn	19 53 19.7	+0.5
JAY	Jayapura	12.77 269			P	Pn	19 53 30.8	-1.8
JAY	Jayapura	13.76 569			P	Pn	19 53 37.1	-1.0
JAY	Jayapura	16.98 220			P	Pn	19 53 30.9	-1.8
JAY	Jayapura	14.44 352			LR	LR	19 59 15.2	
JAY	Jayapura	14.71 262			P	Pn	19 53 46.0	+0.4
JAY	Jayapura	14.71 262			Pn	Pn	19 53 43.3	-2.3
JAY	Jayapura	14.71 262			Pn	Pn	19 53 43.3	-2.3
JAY	Jayapura	14.71 262			Pn	Pn	19 53 45.5	-0.1
JAY	Jayapura	14.97 121			P	Pn	19 53 54.7	+0.1
JAY	Jayapura	15.36 123			P	Pn	19 53 59.3	+0.3
JAY	Jayapura	15.55 270			Pn	Pn	19 53 57.0	+0.1
JAY	Jayapura	comp=Z, 0.5nm, 0.3s, baz=82, slow=12, SNR=16			AML	AML		
JAY	Jayapura	15.55 270			Pn	Pn	19 53 57.2	+0.4
JAY	Jayapura	15.62 124			LR	LR	20 00 21.2	
JAY	Jayapura	15.62 124			P	Pn	19 54 02.2	+0.3
JAY	Jayapura	15.62 124			Pn	Pn	19 53 58.6	+0.8
JAY	Jayapura	15.62 124			Pn	Pn	19 53 58.6	+0.8
JAY	Jayapura	15.62 124			Pn	Pn	19 53 58.6	+0.8
JAY	Jayapura	16.94 130			P	Pn	19 54 19.5	+3.0
JAY	Jayapura	17.02 245			P	Pn	19 54 15.7	+0.1
JAY	Jayapura	17.02 245			P	Pn	19 54 16.1	+0.5
JAY	Jayapura	17.02 245			IAMB	IAMB	19 54 21.6	
JAY	Jayapura	17.02 245			IAMB	IAMB	19 54 21.6	
JAY	Jayapura	17.02 245			Pn	Pn	19 54 15.8	+0.1
JAY	Jayapura	17.29 257			P	Pn	19 54 15.6	-3.4
JAY	Jayapura	17.39 188			P	Pn	19 54 22.2	+0.7
JAY	Jayapura	17.39 188			P	Pn	19 54 23.2	+1.7
JAY	Jayapura	17.39 188			P	Pn	19 54 23.9	+1.4
JAY	Jayapura	17.39 188			P	Pn	19 54 23.3	+1.8
JAY	Jayapura	18.48 230			P	Pn	19 54 32.8	-0.7
JAY	Jayapura	18.48 230			P	Pn	19 54 33.2	-0.3
JAY	Jayapura	19.17 182			Pn	Pn	19 54 41.7	-0.3
JAY	Jayapura	19.17 182			Pn	Pn	19 54 43.6	+1.6
JAY	Jayapura	19.17 182			P	Pn	19 54 40.5	-0.5
JAY	Jayapura	19.17 182			LR	LR	20 01 20.2	
JAY	Jayapura	comp=Z, 2um, 21.0s, baz=5.0, slow=35			AML	AML		
JAY	Jayapura	19.17 182			Pn	Pn	19 54 43.8	+1.8
JAY	Jayapura	19.17 182			Pn	Pn	19 54 44.2	+2.2
JAY	Jayapura	19.17 182			P	P	19 54 39.9	-1.2
JAY	Jayapura	19.17 182			P	P	19 54 39.9	-1.2
JAY	Jayapura	19.17 182			Pn	Pn	19 54 43.8	+1.8
JAY	Jayapura	19.21 278			P	Pn	19 54 40.6	-1.0
JAY	Jayapura	19.31 270			P	Pn	19 54 42.9	+0.2
JAY	Jayapura	19.51 275			Pn	Pn	19 54 47.1	+0.9
JAY	Jayapura	19.51 275			Pn	Pn	19 54 48.1	+1.9
JAY	Jayapura	19.55 233			P	Pn	19 54 46.4	-0.2
JAY	Jayapura	19.61 232			P	Pn	19 54 46.3	+0.4
JAY	Jayapura	19.61 232			P	Pn	19 54 46.5	+0.6
JAY	Jayapura	19.61 232			Pn	Pn	19 54 45.8	-0.1
JAY	Jayapura	19.61 232			P	Pn	19 54 49.3	+0.7
JAY	Jayapura	20.85 199			P	Pn	19 55 00.4	+1.0
JAY	Jayapura	20.85 199			P	Pn	19 55 00.5	+1.1
JAY	Jayapura	20.85 199			P	Pn	19 55 01.2	-0.7
JAY	Jayapura	20.85 199			P	Pn	19 55 00.7	+1.3
JAY	Jayapura	20.86 266			P	Pn	19 54 59.3	-0.2
JAY	Jayapura	20.86 266			P	Pn	19 54 57.2	-2.3
JAY	Jayapura	20.86 266			P	Pn	19 54 59.0	-0.5
JAY	Jayapura	20.86 266			Pn	Pn	19 55 04.9	-7.9
JAY	Jayapura	22.45 212			P	Pn	19 55 16.5	-0.1
JAY	Jayapura	22.58 212			P	Pn	19 55 17.8	-0.3
JAY	Jayapura	22.58 212			P	Pn	19 55 16.3	-1.7
JAY	Jayapura	22.58 212			P	Pn	19 55 17.8	-0.3
JAY	Jayapura	22.58 212			P	Pn	19 55 17.1	-1.0
JAY	Jayapura	22.59 291			P	Pn	19 55 19.9	+1.7
JAY	Jayapura	22.59 291			P	Pn	19 55 34.2	+1.6
JAY	Jayapura	22.60 212			P	Pn	19 55 18.1	-0.1
JAY	Jayapura	comp=Z, 45nm, 0.8s, baz=32, slow=11, SNR=104			PcP	PcP	19 59 11.5	0.0
JAY	Jayapura	22.60 212			P	Pn	19 55 17.6	-0.6
JAY	Jayapura	22.60 212			P	PcP	19 59 11.1	-0.4
JAY	Jayapura	22.60 212			P	PcP	19 55 18.1	-0.1
JAY	Jayapura	22.61 212			P	Pn	19 55 19.3	+0.9
JAY	Jayapura	22.61 212			P	Pn	19 55 19.2	-2.0
JAY	Jayapura	23.14 229			P	Pn	19 55 23.0	-0.9
JAY	Jayapura	23.14 229			P	Pn	19 55 23.8	-0.1
JAY	Jayapura	23.14 229			P	Pn	19 55 22.6	-1.3

Code	Station Name	D ¹	A ²	Phase	ID	ISC	Time	Res
							h m s	ISC
GNRA	Gorontalo	23.85	273	P	P	P	19 55 26.3	
GNRA	Gorontalo	23.85 273			P	P	19 55 32.7	+1.8
GNRA	Gorontalo	24.04 269			P	P	19 55 34.0	+1.2
GNRA	Gorontalo	24.04 269			P	P	19 55 32.6	-0.1
GNRA	Gorontalo	24.04 269			P	P	19 55 33.6	+0.8
GNRA	Gorontalo	24.04 269			P	P	19 55 33.7	+1.2
GNRA	Gorontalo	24.04 269			P	P	19 55 35.7	+2.0
GNRA	Gorontalo	24.04 269			P	P	19 55 33.1	-0.6
GNRA	Gorontalo	24.04 269			P	P	19 55 33.3	-0.4
GNRA	Gorontalo	24.12 248			P	P	19 55 34.0	+0.3
GNRA	Gorontalo	24.37 262			P	P	19 55 36.4	+0.6
GNRA	Gorontalo	24.46 251			P	P	19 55 40.1	+1.8
GNRA	Gorontalo	24.64 252			P	P	19 55 40.6	+1.4
GNRA	Gorontalo	24.76 171			P	P	19 55 41.8	+2.6
GNRA	Gorontalo	24.76 171			P	P	19 55 41.4	+2.2
GNRA	Gorontalo	24.83 127			P	P	19 55 43.8	+3.9
GNRA	Gorontalo	24.83 127			IAMB	IAMB	19 55 53.9	
GNRA	Gorontalo	24.83 127			IAMB	IAMB	19 55 40.8	+0.9
GNRA	Gorontalo	24.84 247			LR	LR	20 07 45.1	
GNRA	Gorontalo	24.84 247			P	P	19 55 40.5	+0.4
GNRA	Gorontalo	25.16 270			P	P	19 55 43.9	+0.9
GNRA	Gorontalo	25.16 270			P	P	19 55 47.5	+0.7
GNRA	Gorontalo	25.16 270			P	P	19 55 49.4	+2.7
GNRA	Gorontalo	25.59 176			P	P	19 55 49.0	+1.3
GNRA	Gorontalo	25.68 252			P	P	19 55 49.1	-0.6
GNRA	Gorontalo	25.68 252			P	P	19 55 47.9	+0.9
GNRA	Gorontalo	25.74 185			P	P	19 55 48.8	+0.8
GNRA	Gorontalo	25.74 185			P	P	19 55 50.2	+2.1
GNRA	Gorontalo	25.74 185			P	P	19 55 48.9	+0.8
GNRA	Gorontalo	25.92 208			P	P	19 55 50.2	+0.4
GNRA	Gorontalo	25.92 208			P	P	19 55 51.5	+1.7
GNRA	Gorontalo	25.92 208			P	P	19 55 50.6	+0.6
GNRA	Gorontalo	25.92 208			PcP	PcP	19 59 18.4	-0.3
GNRA	Gorontalo	comp=Z, 5.4nm, 1.1s, baz=32, slow=3.7, SNR=3.7			LR	LR	20 06 50.5	
GNRA	Gorontalo	25.94 208			P	PcP	19 55 50.2	+0.2
GNRA	Gorontalo	25.94 208			P	PcP	19 59 16.4	-2.3
GNRA	Gorontalo	25.97 208			P	P	19 55 51.7	+1.4
GNRA	Gorontalo	26.10 274			P	P	19 55 53.4	+1.9
GNRA	Gorontalo	26.10 274			P	P	19 55 50.8	+0.7
GNRA	Gorontalo	26.10 274			P	P	19 55 52.5	+1.0
GNRA	Gorontalo	26.23 252			P	P	19 55 54.0	-2.4
GNRA	Gorontalo	26.80 258						

31d 19h

Table listing satellite stations for 31d 19h, including station names like IPM, PPI, URZ, RTZ, USA0B, USRk, USRkR, YSRK, etc., with their respective coordinates, frequencies, and signal quality metrics.

2020 DEC

Table listing satellite stations for December 2020, including station names like CMAR, CHTO, PZH, KLR, TYV, TYV, CD2, CD2, CD2, etc., with their respective coordinates, frequencies, and signal quality metrics.

1618

Table listing satellite stations for 1618, including station names like LSA, LSA, ZAK, ZAK, TLY, TLY, TLY, etc., with their respective coordinates, frequencies, and signal quality metrics.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIL, KURK, VANDA, DZAR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVE, QSPA, ARTI, AKTO, etc.

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

BE0 31 20:00:51.4, 0.2, 45.13N, 16.12E, h0km, ML2.8/13
RHSS0 31 20:00:52.9, 0.5, 45.12N, 16.24E, h6km, 2km, ML2.7/8
VIE 31 20:00:52.8, 0.6, 45.24N, 16.03E, h11km, 2km, mb2.5/10,
ml2.5/10, Error ellipse: s-maj=4.0km s-min=2.9km
az=171.0, 30 km SW of Petrinja

IDC 31 20:19:31.8, 0.6, 14.09S, 47.99E, h0km, mb3.9/14,
mbmp3.9/15, ML4.7/1, MS3.7/8, Error ellipse:
s-maj=23.1km s-min=10.8km az=100.0
NEIC 31 20:19:32.1, 1.2, 14.11S, 0.08, 47.85E, 0.05, h10km, 1km,
mb4.3/14, Error ellipse: s-maj=13.9km s-min=7.6km

TAN 31 20:19:37.4, 14.42S, 47.98E, h130km, ML5.3, Fault plane
solution: N1P1, 207.90000, 830.10000

ISC 31 20:19:32.7, 0.5, 14.10S, 0.07, 47.78E, 0.09, h10km, n52,
c154/54, mb4.2/18, MS3.7/7, Madagascar

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

31d 20h

MDSM		S	Sn		20 21	45.4	-0.8
VOI	Vohitsoka	7.82 187	Pn	Pn	20 21	25.3	-1.5
RER	Riviere de l'E	10.34 134	Pn	Pn	20 22	00.0	-1.2
KIBK	Kibwezi	15.13 320	IAMB	IAMB	20 23	07.2	+0.4
comp=Z,6.6nm,0.8s							
KMBO	Kilima Mbogo	16.57 320	Pn	Pn	20 23	26.2	+0.6
bazz=142,slow=15							
KMBO	Kilima Mbogo	16.57 320	Sn	Sn	20 26	22.8	-7.0
KMBO	Kilima Mbogo	16.57 320	Pn	Pn	20 23	24.8	-0.7
KMBO	Kilima Mbogo	16.57 320	IAMB	IAMB	20 23	24.2	-1.3
comp=Z,10nm,1.3s							
LODK	Lodwar	21.32 324	P	P	20 24	19.5	-0.6
LBTB	Lobatse	23.52 239	LR	LR	20 33	38.9	
comp=Z,102nm,19.0s,baz=58,slow=56							
LBTB	Lobatse	23.52 239	P	P	20 24	43.7	+0.5
LBTB	Lobatse	23.52 239	IAMB	IAMB	20 24	56.2	
comp=Z,12nm,0.8s							
BOSA	Boshof	25.40 232	P	P	20 25	01.6	+1.0
comp=Z,2.2nm,0.7s,baz=48,slow=8.4,SNR=9.7							
BOSA	Boshof	25.40 232	LR	LR	20 35	20.7	
comp=Z,1.97nm,18.9s,baz=56,slow=37							
BOSA	Boshof	25.40 232	P	P	20 25	01.4	+0.7
comp=Z,2.2nm,0.7s							
BOSA	Boshof	25.40 232	IAMB	IAMB	20 25	44.5	
comp=Z,12nm,1.4s							
ATD	Arta Tunnel	25.93 349	LR	LR	20 34	25.0	
comp=Z,42nm,20.2s,baz=90,slow=34							
ALKP	Alkanpark	26.34 237	P	P	20 25	28.3	+1.2
SUR	Sutherland	30.60 229	P	P	20 25	50.1	+2.9
PSI	Prapat	53.40 76	LR	LR	20 49	03.5	
comp=Z,1.35nm,18.1s,baz=120,slow=33							
BRTR	Keskin Array B	55.14 347	P	P	20 29	06.6	+1.1
comp=Z,0.2nm,0.6s,baz=160,slow=9.0,SNR=2.9							
BRTR	Keskin Array B	55.14 347	P	P	20 29	05.4	-0.1
CMAR	Chiang Mai Arr	59.91 317	P	P	20 29	38.8	-0.5
comp=Z,0.5nm,0.7s,baz=247,slow=7.9,SNR=4.1							
KKAR	Kararay Array	60.62 19	P	P	20 29	43.8	0.0
AB31	Akbulak array	63.99 9	P	P	20 30	06.7	+0.6
ABKAR	Akbulak array	63.99 9	P	P	20 30	06.2	+0.1
IKAR	Makancin Array	68.07 25	P	P	20 30	32.5	0.0
comp=Z,1.5nm,0.7s,baz=213,slow=6.9,SNR=19							
MKAR	Kararay Array	68.07 19	P	P	20 58	46.9	
comp=Z,4.9nm,20.2s,baz=34,slow=35							
VRAC	Vranov	68.88 339	LR	LR	21 00	35.6	
comp=Z,1.71nm,20.9s,baz=52,slow=36							
DAVOX	Davos/Dischmat	69.49 333	LR	LR	21 02	26.6	
comp=Z,252nm,21.3s,baz=57,slow=37							
GERES	GERESS Array B	69.56 337	P	P	20 30	41.8	0.0
comp=Z,0.3nm,0.7s,baz=159,slow=8.4,SNR=3.6							
GERES	GERESS Array B	69.56 337	P	P	20 30	41.5	-0.3
BVAR	Dorovoye Array	69.63 314	P	P	20 30	42.9	+0.9
comp=Z,1.1nm,0.7s,baz=203,slow=5.9,SNR=4.2							
KURBB	Kurchatov Arra	69.85 20	P	P	20 30	43.5	+0.1
comp=Z,0.5nm,0.2s,baz=220,slow=6.7,SNR=6.5							
KURK	Kurchatov	69.96 20	P	P	20 30	44.2	+0.1
KURK	Kurchatov	69.96 20	IAMB	IAMB	20 30	50.3	
comp=Z,2.3nm,1.1s							
ARTI	Arti	70.78 6	P	P	20 30	49.5	+0.5
ARTI	Arti	70.78 6	IAMB	IAMB	20 30	50.3	
comp=Z,4.2nm,0.8s							
ESDC	Sonseca Array	71.96 320	P	P	20 30	58.4	+1.8
comp=Z,0.9nm,0.9s,baz=116,slow=5.2,SNR=5.4							
ZAA0	Zalesovo Beam	74.78 22	P	P	20 31	11.9	-0.9
ZAA0	Zalesovo Beam	74.78 22	IAMB	IAMB	20 31	13.1	
comp=Z,2.3nm,0.8s							
ZALV	Zalesovo Beam	74.78 22	P	P	20 31	12.2	-0.6
comp=Z,2.0nm,0.7s,baz=225,slow=5.8,SNR=14							
ZALV	Zalesovo Beam	74.78 22	P	P	20 31	11.7	-1.1
FINES	FINESS Array B	77.24 350	P	P	20 31	27.2	+0.5
comp=Z,0.3nm,0.9s,baz=195,slow=8.6,SNR=4.2							
FINES	FINESS Array B	77.24 350	P	P	20 31	26.5	-0.2
SOMM	Songino Array	80.70 36	P	P	20 31	47.0	+0.8
comp=Z,0.5nm,0.9s,baz=235,slow=5.7,SNR=2.6							
SOMM	Songino Array	80.70 36	IAMB	IAMB	20 32	18.7	
comp=Z,1.9nm,1.4s							
ASAR	Alice Springs	80.98 112	P	P	20 31	48.1	-0.1
comp=Z,0.8nm,1.0s,baz=261,slow=4.7,SNR=5.1							
ASAR	Alice Springs	80.98 112	P	P	20 31	47.8	-0.4
WRA	Warramunga Arr	82.13 109	P	P	20 31	54.2	-0.1
comp=Z,0.8nm,0.9s,baz=280,slow=4.9,SNR=3.2							
WRA	Warramunga Arr	82.13 109	P	P	20 31	53.7	-0.7
KRSR	Korea Array	90.83 52	P	P	20 32	36.4	-0.1
comp=Z,1.1nm,0.8s,baz=247,slow=4.7,SNR=2.8							
TXAR	Lajitas Array	149.56 305	PKPbc	PKPbc	20 39	25.3	+2.1
comp=Z,0.9nm,0.9s,baz=73,slow=5.6,SNR=6.5							
TXAR	Lajitas Array	149.56 305	PKPbc	PKPbc	20 39	24.6	+1.4

ADC 31 20:27:59.7-1.5,38.08N; 14.63E,h0km,mb3.5/2, mbmp3.5/3, Error ellipse: s-maj=33.0km s-min=13.9km az=123.0
ROM 31 20:28:01.8-0.1,37.665N;0.004:14.979E;0.008, h15km,ML3.4/114, Error ellipse: s-maj=0.7km s-min=0.2km az=287.0
ISC 31 20:28:01.3-0.7,37.67N;0.02:14.98E;0.02,h16km;3km, n60,r073/84,9C-9D,Sicily

Code	Station Name	Δ° AZ°	Phase ID	h m s	ISC	Time Res	ISC
ESLN	Serra La Nave	0.03 352	Op	20 28	04.4	0.0	0.0
ESLN			S	20 28	06.7	+0.1	
ESLN			AML				
comp=N,49800um,0.3s							
ESLN			AML				
comp=E,80050um,0.3s							
ENIC	Nicolosi	0.05 137	P	Pg	20 28	04.9	+0.5
ENIC			P	AML			
comp=E,57250um,0.4s							
ENIC			AML				
comp=E,57250um,1.6s							
ENIC			AML				
comp=N,54700um,0.7s							
ENIC			AML				
comp=N,49450um,0.3s							
ENIC			AML				
comp=E,61500um,0.6s							
ECHR	Santa Chiara	0.06 289	P	Pg	20 28	04.4	-0.1
ECHR			S	Sg	20 28	07.1	+0.5
ECPN	Case del Piano	0.07 6	P	Pg	20 28	04.9	0.0
ECPN			S	Sg	20 28	07.3	-0.1
ESML	S. M. di Licod	0.10 239	∪	Pg	20 28	04.5	-0.2
ESML			S	Sg	20 28	07.3	+0.4
comp=N,45750um,0.7s							
ESML			AML				
comp=E,42000um,0.6s							
ECNE	Crateri Nord E	0.10 10	P	Pb	20 28	04.7	-0.5
ECNE			S	Sb	20 28	07.6	-0.1
EVNR	Santa Venerina	0.13 80	∪	Pb	20 28	05.5	+0.3
EVNR			S	Sb	20 28	08.8	+0.9
comp=N,24200um,1.5s							
EVNR			AML				
comp=E,15100um,0.4s							
EVNR			AML				
comp=N,24200um,1.5s							
EVNR			AML				
comp=N,22200um,1.5s							
EVNR			AML				
comp=E,16350um,0.5s							
EVNR			AML				
comp=N,22200um,0.5s							
EVNR			AML				
comp=N,24200um,0.5s							
EVNR			AML				
comp=E,15100um,0.4s							
EMCN	Etna Monte Con	0.13 19	∪	Pg	20 28	05.4	+0.1
EMCN			S	Sg	20 28	08.2	+0.2
EMCN			AML				
EMCN			AML				

2020 DEC

EMCN				AML	AML			
comp=N,21700um,0.5s								
EMCN				AML	AML			
comp=N,22000um,0.5s								
EMCN				AML	AML			
comp=E,20500um,0.6s								
EMCN				AML	AML			
comp=N,22000um,1.5s								
EMCN				AML	AML			
comp=N,21700um,1.6s								
ECBD	Case Bada	0.14 37	P	Pg	20 28	05.5	+0.1	
ECBD			S	Sg	20 28	08.2	+0.2	
EMSG	Monte Spagnolo	0.15 351	∪	Pg	20 28	06.9	+0.8	
EMSG			S	Sg	20 28	09.3	+0.4	
comp=E,30650um,1.0s								
EMSG			AML	AML				
comp=N,36700um,0.7s								
EMSG			AML	AML				
comp=E,30650um,1.0s								
EPIT	Pozzo Pitarron	0.16 23	P	Pb	20 28	06.0	+0.1	
EPIT			S	Sb	20 28	10.0	+1.0	
EPOZ	Pozzillo	0.17 152	∪	Pb	20 28	11.4	+2.1	
EPOZ			S	Sb	20 28	11.4	+2.1	
comp=N,14200um,0.5s								
EPOZ			AML	AML				
comp=N,14200um,1.5s								
EPOZ			AML	AML				
comp=E,26700um,0.7s								
EPZF	Pizzo Felice	0.18 328	∪	Pb	20 28	06.2	+0.3	
EPZF			S	Sb	20 28	10.3	+0.6	
comp=E,34350um,0.4s								
EPZF			AML	AML				
comp=N,40650um,1.3s								
EPZF			AML	AML				
comp=N,40650um,0.7s								
EPZF			AML	AML				
comp=E,34350um,1.6s								
EFIU	Fiumentreddo	0.22 56	P	Pb	20 28	07.3	+0.5	
EFIU			S	Sb	20 28	12.5	+1.9	
ECTS	Castiglione	0.24 28	∪	Pb	20 28	07.2	-0.1	
ECTS			S	Sb	20 28	12.0	+0.6	
comp=E,5055um,0.9s								
ECTS			AML	AML				
comp=N,8270um,0.9s								
ECTS			AML	AML				
comp=N,8270um,1.1s								
ECTS			AML	AML				
comp=N,5055um,1.1s								
GALF	Gagliano Castle	0.33 278	∪	Pg	20 28	08.7	+0.4	
GALF			S	Sg				
comp=E,3760um,0.5s								
GALF			AML	AML				
comp=N,2660um,0.8s								
GALF			AML	AML				
comp=E,31450um,0.5s								
GALF			AML	AML				
comp=N,24350um,0.9s								
HLNI	Lentini	0.33 195	P	Pb	20 28	08.1	-0.1	
HLNI			S	Sb	20 28	13.8	0.0	
comp=N,7675um,1.5s								
HLNI			AML	AML				
comp=E,12915um,2.2s								
HLNI			AML	AML				
comp=E,12915um,1.8s								
HLNI			AML	AML				
comp=N,7675um,0.5s								
AIO	Antillo	0.36 33	∪	Pb	20 28	09.6	+0.2	
AIO			S	Sg				
comp=E,3305um,1.2s								
AIO			AML	AML				
comp=N,3905um,0.8s								
AIO			AML	AML				
comp=N,2855um,0.4s								
CAGR	Agira	0.38 263	P	Pb	20 28	10.7	+1.0	
CAGR			S	Sb				
comp=E,11435um,0.8s								
CAGR			AML	AML				
comp=N,10050um,0.4s								
CAGR			AML	AML				
comp=E,11435um,1.2s								
CAGR			AML	AML				
comp=N,10050um,1.6s								
MUCR	Ucria	0.38 347	∪	Pg	20 28	09.7	+0.5	
MUCR			S	Sb	20 28	16.3	+0.8	
comp=N,10150um,1.1s								
MUCR			AML	AML				
comp=N,6890um,0.4s								
MUCR			AML	AML				
comp=E,10150um,0.9s								
HCRL	Carlentini	0.39 174	∪	Pg	20 28	09.4	+0.3	
HCRL			S	Sb	20 28	16.1	+0.7	
comp=E,14050um,0.3s								
HCRL			AML	AML				
comp=N,10135um,0.5s								
HAGA	Augusta	0.41 160	∪	Pb	20 28	09.8	-0.2	
HAGA			S	Sb	20 28	16.9	+1.0	
comp=N,6335um,0.3s								
HAGA			AML	AML				
comp=N,12750um,0.5s								
MSFR	San Fratello	0.48 320	P	Pb	20 28	11.7	+0.4	
MSFR			S	Sb				

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like CET2, TIP, CELI, SALB, KEST, FINES, MKAR.

ADC 31 20:30:50.1±0.9, 37.77N, 15.05E, h0km, mb3.3/3, mltmp3.5/11, ML3.4/7, Error ellipse: s-maj=16.3km s-min=10.3km az=155.0 ROM 31 20:30:52.0±0.1, 37.669N, 0.004, 14.975E, 0.006, h16km, ML3.6/130, Error ellipse: s-maj=0.5km s-min=0.2km az=285.0 ISC 31 20:30:51.4±0.7, 37.67N, 0.014, 14.97E, 0.02, h17km±1km, n91, c1527/119, mb3.4/3, 5C-5D, Sicily

Main table for station 1621, listing various stations like Serra La Nave, Santa Chiara, Nicolosi, Case del Piano, Crateri Nord E, Etna Monte Con, Santa Venerina, Pozzo Pittarron, Pozzillo, Pizzo Felice, Fiumefreddo, Castiglione, Lentini, Antillo, Agira, Ucria.

Main table for station 2020 DEC, listing various stations like MUCR, HCLR, HAGA, MSFR, VAE, SSS, MPNC, MILZ, RAFF, CPTP, PETRA, VPL, HAVL, RESU, HMDC, PLLN, MSRU, ACATE, CSLB, GIB, SICLA, ISPIC, CMDO, CEL.

Main table for station 31d 20h, listing various stations like SOI, ALJA, HPAC, IACL, SCJAR, JOPP, SOLUN, PLAC, CRJA, MBFT, GRI, MTGR, WDD, SPS2, CET2, TIP, CELI, SALB, LINA, MIGL, AMUR, NOCI.

31d 20h

Table with columns: Station Name, Code, Station Name, Δ, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Madonna di Cri, VLS Ischitella, VLS Valsamata, KEST Kesra, etc.

BUC 31 20:43:56.6; 0.2, 45.45N; 26.31E, h124km; 1km, m13.6/77, Error ellipse: s-maj=1.3km s-min=1.1km az=1.0

SOF 31 20:43:57.5; 45.42N; 0.01; 26.24E; 0.01, h100km; 7km, MD3.2/4

CFUGS 31 20:43:58.8; 45.55N; 26.53E, h103km, Mb2.2/5, MD3.3/3, MSH2.5/5

ISC 31 20:43:55.9; 1.2, 45.46N; 0.03; 26.30E; 0.02, h133km; 6km, n97, a0566/154, 91C-43D, Romania

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEHR Nehoiu, MLR Muntele Rosu, BISRR Bisoca, ISRR Istrita, etc.

2020 DEC

Table with columns: Station Name, Code, Station Name, Δ, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCHLR Tescani, NEGRR Negrea, STEFAR Stefanesti-Arg, AMRR Amara, etc.

1622

Table with columns: Station Name, Code, Station Name, Δ, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GZR Gura Zlata, ROIA ROIAK, MARR Marisel-Ciuj, etc.

TXNET 31 20:44:19.8; 32.30N; 0.5; 101.8W; 0.7, h4km, ML4.2/25, Error ellipse: s-maj=1.1km s-min=0.7km az=96.3/final

IDC 31 20:44:19.4; 1.6, 32.27N; 101.93W, h0km, mb3.5/2, mbmp3.6/9, ML3.8/7, MS3.7/2, Error ellipse: s-maj=22.0km s-min=10.6km az=87.0

NEIC 31 20:44:20.0; 0.8, 32.30N; 0.01; 101.79W; 0.02, h5km; 1km, mb4.0/17, mb_Lg4.0/17, ML3.9/16, Mwr4.0/60, Error ellipse: s-maj=3.1km s-min=2.9km az=109.0, Moment Tensor Solution: Moment tensor: Scale 10^11

Min=0.11; Mxx=0.44; Mxy=0.34; Myx=0.26; Mzz=0.98; Mzz=0.05; Fault plane solution: M=1.09000x10^15 NP1: p=190.94000°, δ=75.78000°, λ=178.13000°, NP2: p=100.48000°, δ=88.18000°, λ=14.22000°. Principal axes: P 1.1355, Plg9.0000°, Azm147.0000°; N -0.0975, Plg76.0000°, Azm273.0000°; P -1.0379, Plg11.0000°, Azm55.0000°

NEIC 31 20:44:20.0; 0.8, 32.30N; 0.01; 101.79W, h5km, ISC 31 20:44:19.6; 1.0, 32.29N; 0.02; 101.78W; 0.02, h4km; 6km, n132, a0569/152, mb3.6/3, 6C-8D, Western Texas

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TMB06 Greenwood, TMB06 Bryant Ranch, TMB05 Klondike, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like OZNA Ozona, TPB19 West of Imperi, and various other locations.

Table with columns for station name, frequency, and other identifiers. Includes stations like HMU Henry Mountain, PDAR Pinedale Array, and various other locations.

Table with columns for station name, frequency, and other identifiers. Includes stations like ECTS, GALS, GALF, and various other locations.

ROM 31 20:58:09.8: 0.1, 37.669N, 0:004: 14:971E: 0:007, h16km, ML3.6/148, Mw3.4, Error ellipse: s-maj=0.5km s-min=0.3km az=286.0, Moment Tensor Solution...

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

Table with columns for Code, Station Name, Az, AZZ, Phase, ID, Op, ISC, Time, h, m, s, ISC, Res. Includes stations like ENIC Nicolsi, ECHR Santa Chiara, and various other locations.

31d 21h

2020 DEC

Table with columns for station name, coordinates, and time. Includes stations like ACATE, ILOS, CSLB, GIB, SICLA, ISPIC, CEL, SOI, CMDO, IFIL, ALJA, HPAC, IACL, SCIAR, IST3, JOPP, SOLUN, PLAC, SCIAC, CRJA, GRI, and MBFT.

Table with columns for station name, coordinates, and time. Includes stations like MBFT, WDD, SPS2, CET2, TIP, CELI, LADO, PIPA, SALB, SLCN, SLCN, SLCN, SLCN, SLCN, MIGL, MATE, TAR1, AMUR, NOCI, NOCI, KEST, IDI, OBKA, ABTA, KBA, LESA, SQT, BIOA, RONA, MOA, CONA, GERES, MLR, MMAI, EIL, HFS, FINES, SPITS, and ZALV.

Table with columns for station name, coordinates, and time. Includes stations like MKAR, JOD2, JKN2, BS04, BS04, JTN2, BSO1, JHU2, JAG, JYT, MJAR, MJAR, MJAR, ZALV, MKAR, CTA, YJA, YJA, YJA, AF01, AF01, SLA, SLA, PB09, PB09, PB06, PB06, PB06, PB03, PB03, PB03, FSA, FSA, PB01, PB01, PB01, PB07, PB07, PB07, PB05, PB05, PB05, PB02, PB02, PB02, PB08, PB08, PB08, PB08, PB10, PB10, PB10, PB14, PB14, PB14, GO01, GO01, GO01, GO01, TA01, TA01, PB11, PB11, AC02, AC02.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AC02 Maricunga, PSGCX Pisagua, AC01 Pan de Azucar, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I56US NEWPORT INFRA, I10CA LAC DU BONNET, etc.

Station parameters and coordinates: IDC 31 21:38:15.4:6.2, 50.41N x 114.02W, h0km, mbtbp3.6/1, ML3.6/1, Error ellipse: s-maj=84.4km s-min=44.5km...

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ES LN Serra La Nave, ENIC Nicolosi, ECHR Santa Chiara, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HLNI, GAGF, AIO, HCR, MUCR, CAGR, HAGA, HAGA, HAGA, etc.

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

31d 22h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

2020 DEC

Main table with columns: PTJ, IDI, MDVR, OBKA, MORH, SOKA, MYKA, HERR, ABTA, BZS, SESA, ARSA, GZR, DAVOX, DAVOX, LESA, SIRR, SOTA, BIOA, RONA, MOTA, DEVA, MOA, CONA, ARR, VOIR, PSZ, CKRC, GERES, MLR, MLR, DOPR, JAVC, KRUC, KHC, TREC, VRAC, VRAC, VRAC, ZVC, PLOK, MORC, MORC, STEB, BRTR, ESDC, AKASO, EIL, EIL, ASF, ASF, EKA, EKA, KBZ, HFS, NB2, NOA, FINES, ARTI, JMJC, BVAR, KURBB, ZALV, RES, SJG, Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

1626

Table with columns: SHLS, SHLS, NRN, NRN, ULHL, ULHL, TNSS, TNSS, MDOK, MDOK, BOOM, BOOM, KST, KST, TKM2, TKM2, ARXS, ARXS, DJR, DJR, SALK, SALK, Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

31d 23h

Table with columns for station name, frequency, mode, and other parameters. Includes stations like BBOO, CTA, CTAO, CTAK, etc.

2020 DEC

Table with columns for station name, frequency, mode, and other parameters. Includes stations like SATY, KPKS, ZSN, KBL, etc.

1628

Table with columns for station name, frequency, mode, and other parameters. Includes stations like BELA, BRTR, VNA2, etc.

Additional information and notes for the 1628 section, including station identifiers and technical details.

Table with columns: IJAR, MJAR, SONM, MKAR, KURBB, BVAR, FINES. Includes station names, coordinates, and status codes.

IDC 31 23:27:12.8, 1.5, 4.90S, 149.64E, h0km, mb3.8/4, mbtmp3.8/5, ML1.4/1, Error ellipse: s-maj=132.7km

Table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Eielson Array, Yellowknife Ar, GERESS Array B.

IDC 31 23:32:25.3, 3.4, 5.4778N, 159.53W, h0km, mb3.4/3, mbtmp3.5/6, ML3.5/3, Error ellipse: s-maj=76.1km

NEIC 31 23:32:40.9, 5.55, 44N, 0.02, 159.35W, 0.04, h11km, 8km, mb3.6/5, ML3.6/3, ML3.6(AEIC), Error ellipse: s-maj=4.0km

AEIC 31 23:32:33.7, 1.5, 55.40N, 0.03, 159.38W, 0.04, h7km, 6km, Error ellipse: s-maj=4.2km s-min=3.6km az=190.0

ISC 31 23:32:32.1, 1.55, 45N, 0.04, 159.36W, 0.03, h16km, 8km, n105, s122, 116, mb3.4/4, Alaska Peninsula

Large table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists numerous stations including Chernabura Isl, Veniaminov, Pavlov South-1, etc.

Large table with columns: O18K, N16K, N17K, N17K, N17K, M14K, M16K, ILSW, N19K, CNPM, M17K, M11K, L16K, M18K, L17K, L18K, L19K, M20K, K17K, J14K, J16K, PVL, J17K, M19K, I17K, J19K, KLU, M17K, BEFG, G15K, ILAR, ILAR, ILAR, M27K, C26M, F19K, G21K, PNL, J25K, E19K, M29M, C18K, BMAR, WHY, R33M, C26K, C26K, F30M, F30M, INK, INK, INK, YKAW3, YKAW3, YKA, MKAR, AKASG, KABU, P16K, O15K, OHAK, OHAK, KAWH, AKUT, AKUT, AKUT, O14K, O14K, KARR, KARR, O16K, KDAK, KDAK, KDAK, UNV, UNV, O17K, P19K, N14K, N14K, N14K, N15K, O18K, O18K. Includes station names, coordinates, and status codes.

ISC Computed Locations for December 2020

